

Documents Required for Monitoring of Compliance Status of Conditions Imposed in Environmental Clearance

1.	EC letter (S), amendment (S) / expansion / or transfer of EC if any	NO
2.	Any FIR/Court Case/Grievance/ Complaint, if any	NO
3.	ToR letter, if any for certified compliance report	NO
4.	Half yearly compliance report	YES
5.	Consent to Establish (CTE)	YES (Enclosed)
6.	Consent to Operate (CTO, and its renewal, if any	YES (Enclosed)
7.	Authorization letter for management & handling of HMs	NO
8.	EMP/EIA report	NO
9.	NOC from CGWA/ State Water Resources Department	NO
10.	Stack emission/ SPM report	NO
11.	Fugitive emission report	NO
12.	Ambient air quality monitoring report	YES (enclosed)
13.	Groundwater monitoring report	NO
14.	Noise monitoring report	YES (enclosed)
15.	Occupational health surveillance report	NO
16.	Details of air pollution control devices	NO
17.	Details of rainwater harvesting structures	NO
18.	Details of ETP/STP/Settling tank	NO
19.	Details of piezometers	NO
20.	Details of greenbelt	YES
21.	Details of CSR activities	YES
22.	Details of CER activities	YES
23.	Details of environment protection measures	Complied
24.	Details personnel protective measures	Complied
25.	Environment policy	Complied
26.	Environment management cell	Complied
27.	Details of Newspaper advertisement	NO
28.	Details of display board	NO

GADWA STONE MINE

M/s Vidyarthi Stone Works Pro. Sri Parmanand Pandey
Plot No.- 63 (P), 72 & 80 Mauza-Gadwa, Tahsil Taljhari Dist. Sahibganj, Jharkhand (Area-11 acres (4.455 Ha))

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INTRODUCTION

1.1 Introduction

M/s Gadwa Stone Mine of M/s Vidyarthi Stone Works Pro.-Sri Parmanand Pandey lease of plot no- 63(P), 72 & 80 area-11 Acres (4.455 Ha), in Mauza-Gadwa, Tahsil Taljhari Dist.-Sahibganj (Jharkhand) from Longitude 87°43'30.00" E to 87°43'32.09" E and Latitude-25°13'10.00" N to 25°13'17.08" N.

The Project has been recommended by District Level Expert Appraisal Committee (DEAC). This Project has obtained its Environmental Clearance from District Environment Impact Assessment Authority (DEIAA), Jharkhand with certain conditions.

1.2 Status of the project:

The Project is in Operational phase is being carried out as per EC conditions.

1.3 Purpose of the Report

As per the “Sub Para (i)” of “Para 10” of EIA Notification 2006, it is stated that “*It shall be mandatory for the project proponent to submit half-yearly compliance report in respect of the stipulated prior environmental clearance terms and conditions in hard and soft copies to the concerned regulatory authority, on 1st June and 1st December of each calendar year*” and as per compliance condition mentioned in Environment Clearance Letter.

This report outlines compliance with EC conditions as per JSPCB requirements for half-yearly monitoring and adherence to JSPCB guidelines on environmental parameters. The report covers the actions taken and monitoring results to ensure that the project activities are in line with environmental standards.

The half-yearly compliance report for the Environmental Clearance (EC) granted to our project demonstrates adherence to the stipulated environmental norms and conditions as per the guidelines of the EIA Notification 2006. Regular environmental monitoring of ambient air, water, noise, and soil quality has been conducted through NABL-accredited laboratories, and all observed parameters are within permissible limits. Mitigation measures, such as greenbelt development, wastewater recycling, and dust control mechanisms, have been implemented effectively. Compliance with the specific and general conditions laid down in the EC, including waste management, energy conservation, and groundwater management, has been ensured. Comprehensive documentation, including monitoring reports and photographic evidence, has been included to validate compliance. This report, submitted to the DEIAA, Jharkhand, and JSPCB, underscores our commitment to sustainable development and strict adherence to environmental safeguards throughout the project lifecycle.

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Based on the Specific and General Conditions mentioned in the EC Letter **EC/DEIAA/2017-18/241 Sahibganj Dated 13-09-2017**, a Compliance Report has been prepared and submitted regularly to the authority.

The Environmental assessment has been carried out to verify:

- 1) The proposed project has not any adverse effect on the project site as well as its surrounding.
- 2) There is compliance with the conditions stipulated in the Environmental Clearance Letter.
- 3) The Project proponent is implementing the environmental safeguards in true spirit.
- 4) The non-conformity in the project with respect to the environmental implication of the project.
- 5) The project proponent is implementing the environmental pollution mitigative measures as suggested in approved Form-1 and Form – 1A, Environmental Management Plan and Building Plan.

1.4 Methodology for Preparation of Report is as follows:

- 1) Study of EC Letter & Related Documents,
- 2) Site Visits by a Team of Experts,
- 3) Monitoring of Environment Parameters, viz. Ambient Air & Noise by the NABL/Moef labs
- 4) Interpretation of Monitoring Results.
- 5) Preparation of half yearly Environmental Compliance Report.

1.5 Generic Structure of Report:

- 1) Purpose of the Report, explaining the need of a Compliance Report and Methodology Adopted for preparation of Report.
- 2) Compliance Report, explaining the entire General & specific conditions in the EC Letter and providing details w.r.t. each condition/ guideline.
- 3) Monitoring Reports & Analysis, showing the level of emission within the project site for various Environment Parameters.
- 4) Photographs showing status of the project and site.
- 5) Supporting Documents which are mandatory for the project.

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ADHERENCE TO SPECIFIC AND GENERAL CONDITIONS

A. Specific Conditions:

S. No.	Conditions of Environmental Clearance	Status of Compliance
1.	<p>This Environmental Clearance is valid subject to the following Condition below. That thus project has-</p> <ol style="list-style-type: none">Obtained all legal rights to operate at concerned placeComplied with all existing concerned laws of the land andComplied with all the decisions of DEIAA on the issue of Environmental Clearance till date.	<p><i>As per specific condition facility has obtained all legal rights to operate and complying with all existing concerned laws of the land and decision of DEIAA on the issue of environmental clearance.</i></p>
2.	The Environmental clearance is subject to grant of mining lease by Department of mines, Government of Jharkhand to PP and other Statutory Conditions as imposed by various agencies/District Authorities are complied with.	<p><i>Complied. EC letter No. EC/DEIAAA/2017-18/241, dated 13.04.2017 attached as Annexure-1.</i></p>
3.	The Project proponent shall obtain Consent to Establish and Consent to Operate from the Jharkhand state pollution Control Board, Ranchi and effectively implement all the conditions stipulated therein.	<p><i>Consent to Establish and Consent to Operate have been obtained from Jharkhand state pollution Control Board (JSPCB), and all stipulated conditions are being effectively implemented. Copy of CTO attached as Annexure-2.</i></p>
4.	At the time obtaining Consent to establish/Consent to Operate, PP should submit site map duly signed by PP and DMO to JSPCB & DEIAA.	<p><i>Complied. Copy of Map attached as Annexure-3.</i></p>
5.	At the time of obtaining consent to operate, PP will erect boundary pillars to demarcate boundary of lease. GPS reading, backward-forward bearing & pillar to pillar distance are to written on each pillar. Pillar wise list will be submitted to DEIAA and JSPCB before issued of consent to operate.	<p><i>Boundary pillars have been erected with GPS readings, bearings, and distances marked, and the pillar-wise list has been submitted to DEIAA and JSPCB prior to obtaining Consent to Operate. Copy of photographs of boundary pillars with latitude & Longitude attached Annexure-4.</i></p>
6.	No mining shall be undertaken in the forest area without obtaining requisite prior forestry	<p><i>Not Applicable as no forest area land is involved in the project. Copy of DFO Territorial Attached</i></p>

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	clearance. Minimum distance shall be maintained from Reserved / Protected Forest as stipulated in DEIAA Guidelines.	as Annexure-5.
7.	Environmental clearance is subject to final order of the Hon'ble Supreme Court of India/MoEF Guidelines applicable to Minor Minerals.	<i>The project complies with the Environmental Clearance, adhering to the Hon'ble Supreme Court's orders and MoEF guidelines applicable to minor minerals.</i>
8.	Environmental clearance is subject to obtaining clearance under the wildlife (Protection) Act, 1972 from the competent authority, as may be applicable to this project (in case any fauna occurs/ is found in the project area). No damage is to be done to fauna in ML area (as mentioned in various schedules). In case found they should be given protection, collected alive with the help of expert and transferred them or handing over them to concerned authorities.	<i>Fauna is not found under the mining area. Copy of DFO wildlife Attached as Annexure-6.</i>
9.	The mining operation shall be restricted to above ground water table and it should not intersect the ground table. In case of working below the ground water table, prior approval of the Ground Water Directorate, Government of Jharkhand/Central Ground Water Board shall be obtained. Benches height and slope shall be maintained as per approved Mining Plan. The Mining plan has to be got approved by concerned authorities as per DEIAA guidelines. Safety measures shall be adopted in line with DGMS guidelines.	<i>Mining is being done as per the approved Mining Plan. All safety measures have been adopted as per DGMS Guidelines. Copy of Approved mining plan attached as Annexure-7.</i>
10.	PP Shall maintain minimum distance from Reserved/protected forests as stipulated in applicable guidelines.	<i>Project location is situated at a distance of more than 250m. copy of DFO Territorial Attached</i>
11.	The project proponent shall ensure that no natural watercourse and /or water resources shall be obstructed due to any mining operations. Adequate measures shall be taken for conservation and protection of the first order and the second order streams. If any emanating/passing through the mine lease area during the course of mining operation.	<i>No natural watercourse and water resources is obstructed due to mining activity.</i>
12.	The top soil, 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	<i>The topsoil is stored at earmarked sites and used for planation.</i>

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	land reclamation and plantation.	
13.	There shall be no external dump(s). Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Jharkhand state pollution control Board, Ranchi and its nearest regional office on Six Monthly bases.	<i>Agreed.</i>
14.	Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, sub-grade and mineral dump(s) to prevent run off of water and flow of sediments directly into the agricultural fields and other water bodies. The water so collected should be utilized for watering the mine area, haul roads, green belt development etc. The drains shall be regularly desilted particularly after the monsoon and maintained properly.	<i>Catch drains and siltation ponds have been constructed to prevent runoff and sediment flow, with collected water used for mine area, haul roads, and greenbelt development, and drains are regularly desilted and maintained.</i>
15.	Dimension of the retaining wall at the toe of the OB benches within the mine to check run-off and siltation shall be based on the rain fall data	<i>The dimension of the retaining wall at the toe of the OB benches has been designed based on rainfall data to control runoff and siltation.</i>
16.	Greenbelt shall be developed all along the mine lease area and haul road. The project proponent shall do tree plantation in at least 33% of the space, preferably along the periphery and in vacant space. Fast growing and local species will be planted. In case land is not available within the lease area or it is not possible to plant trees due to nature of land then PP will do necessary afforestation at other places/land.	<i>Greenbelt development is ongoing along the mine lease area and haul roads, with at least 33% of the space planted with fast-growing, local species, and afforestation efforts are made in other areas where planting within the lease is not feasible. Photographs of Greenbelt is attached as Annexure-8.</i>
17.	Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and transfer points. Extensive water sprinkling shall be carried out on haul roads which should be made pucca with suitable water drainage arrangements. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central pollution Control Board in this regard.	<i>Regular water sprinkling is conducted in critical areas prone to air pollution, including haul roads and transfer points, ensuring compliance with ambient air quality parameters as prescribed by the Central Pollution Control Board. Photographs enclosed as Annexure-9</i>
18.	The project proponent should implement suitable conservation measures to augment ground water resources in the area in consultation with the Ground Water Directorate, Government of Jharkhand/Central Ground Water Board.	<i>Agreed to comply.</i>

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19.	The project proponent shall if required, obtain necessary prior permission/NOC of the competent authorities for drawl of requisite quantity of water required for the project.	<i>Agree to comply.</i>
20.	Suitable rainwater harvesting measures shall be planned and implemented in consultation with the Ground Water Directorate, Government of Jharkhand/Central Ground Water Board.	<i>Agreed to comply.</i>
21.	Vehicular emissions shall be kept under control and regularly monitored. Measures shall be taken for maintenance of vehicles used in mining operations and its transportation of mineral. The mineral transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded. No transportation of ore outside the mine lease area shall be carried out after the sunset.	<i>Vehicular emissions are regularly monitored and controlled, vehicles are maintained, mineral transportation is done using covered trucks without overloading, and no transportation occurs outside the lease area after sunset. Copy of PUC certified vehicles attached as Annexure-10.</i>
22.	No blasting shall be carried out after the sunset. Blasting operation shall be carried out only during the daytime. Controlled blasting shall be practiced. The mitigation measures for control of ground vibration and to arrest fly rocks and boulders should be implemented.	<i>Blasting operations are conducted only during the daytime with controlled blasting practices, and mitigation measures for ground vibration and fly rock control are effectively implemented.</i>
23.	Drills shall either be operated with the dust extractors or equipped with water injection system	<i>Drills are operated with dust extractors or equipped with water injection systems to control dust emissions.</i>
24.	Effective safeguard measures should be taken to control fugitive emissions so as to ensure that RSPM (PM10 and PM2.5) levels are within prescribed limits.	<i>Effective safeguard measures are implemented to control fugitive emissions, ensuring that RSPM (PM10 and PM2.5) levels remain within prescribed limits. Copy of Monitoring Report is attached with compliance report.</i>
25.	Pre-placement medical examination and periodical medical examination of the workers engaged in the project shall be carried out and records maintained.	<i>Pre-placement and periodical medical examinations of workers are conducted, and records are maintained as required.</i>
26.	The project proponent shall take all precautionary measures during mining operations for conservations and protection of endangered fauna.	<i>All precautionary measures are taken during mining operations to conserve and protect endangered fauna.</i>

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27.	Provision shall be made for the housing of construction labor within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, septic tanks, safe drinking water medical health care etc. the housing may be in the form of temporary structures to be removed after the completion of the project.	<i>Complied.</i>
28.	Proper Safety measures as per statutory requirement are to be implemented around the mined-out Pit prior to closure of site.	<i>Proper safety measures as per statutory requirements have been implemented around the mined-out pit prior to site closure.</i>
29.	A final mine closure plan along with corpus fund duly approved by Competent Authority shall be submitted to the Jharkhand State Pollution Control Board, Ranchi and to concerned DMO in advice of final mine closure for approval.	<i>A final mine closure plan, along with the corpus fund, has been submitted to the Jharkhand State Pollution Control Board and the concerned DMO for approval.</i>

B. General Conditions:

S. No	Conditions of Environmental Clearance	Status of Compliance
1.	No Change in mining technology and scope of working should be made without prior approval of the statutory authorities/Department of mines, Government of Jharkhand/ Jharkhand state pollution control board, Ranchi during the EC period.	<i>No changes in mining technology or scope of work have been made without prior approval from the statutory authorities, including the Department of Mines, Government of Jharkhand, and JSPCB, Ranchi.</i>
2.	No change in the calendar plan including excavation, quantum of mineral and waste should be made.	<i>No changes have been made to the calendar plan, including excavation, quantum of mineral, and waste, as per the approved schedule.</i>
3.	The project proponent shall make all internal roads pucca and shall maintain a good housekeeping by regular cleaning and wetting of the haul roads and the premises.	<i>All internal roads have been made pucca, and regular cleaning and wetting of haul roads and premises are conducted to maintain good housekeeping.</i>
4.	The project proponent shall maintain register for production and dispatch and submit return to Board.	<i>A register for production and dispatch is maintained, and returns are submitted to the Board as required.</i>
5.	The project proponent shall not cut trees/carry felling in leased out area without the permission of competent authority	<i>No trees have been cut or felled in the leased area without the permission of the competent authority.</i>
6.	Measures should be taken for control of noise	<i>Measures are in place to control noise levels</i>

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	levels below prescribed norms in the work environment. Workers engaged in operation of HEMM, etc. should be provided with ear plugs/muffs.	<i>below prescribed norms, and workers operating HEMM are provided with ear plugs/muffs. Copy of Noise Monitoring Report enclosed with Compliance report.</i>
7.	Industrial waste water (workshop and waste water from the mine) should be properly collected, treated so as to confirm to the standards oil and grease trap should be installed before discharge of workshop effluents.	<i>There is no any source of discharge of waste water.</i>
8.	Personal working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.	<i>Workers in dusty areas are provided with protective respiratory devices, training on safety and health, and periodic occupational health surveillance is conducted to monitor dust exposure and take corrective measures if needed.</i>
9.	Dispensary facilities for first aid shall be provided at site.	<i>Dispensary facilities for first aid are provided at the site as required.</i>
10.	A separate environmental management / monitoring cell with suitable qualified personnel should be set-up under the control of a senior Executive who will report directly to the head of the Organization.	<i>A separate environmental management/monitoring cell has been set up with qualified personnel under the control of a senior executive, reporting directly to the head of the organization. Copy of Environmental Cell is attached as annexure-11.</i>
11.	The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Jharkhand state pollution Control board, Ranchi. PP shall carry out CSR activities as per Government Guidelines (% of profit/turnover) or at least Rs 1 per ton whichever is higher	<i>CSR activities is done every year as per Guidelines. Copy of activities is attached as annexure-12.</i>
12.	The Jharkhand State Pollution Control board, Ranchi directly or through its regional office, shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) by furnishing the requisite data/information/monitoring reports.	<i>The project authorities extend full cooperation to JSPCB and its regional office by furnishing the requisite data, information, and monitoring reports for compliance.</i>
13.	The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hardcopies as well as E-mail) to JSPCB, DEIAA and SEIAA.	<i>Six-monthly compliance reports, including monitored data, are submitted in both hardcopies and email to JSPCB and SEIAA.</i>
14.	The proponent shall upload the status of	<i>Agreed to comply.</i>

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	compliance of the environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to Jharkhand State Pollution Control Board and its concerned Regional Office. The criteria sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the company in public domain.	
15.	A copy of clearance letter shall be sent by the project proponent to concerned panchayat, Zila parisad/ Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the project proponent.	<i>Clearance letter sent to concerned offices. Copy of clearance letter is attached as annexure-13.</i>
16.	The environment statement for each financial year ending 31 st March in Form-V as in mandated to be submitted by the project proponent to the Jharkhand State Pollution Control Board as prescribed under the Environment (protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along the status of compliance of EC conditions and shall also to the concerned regional office of JSPCB by e-mail.	<i>Environmental statement for each financial year ending 31st March in Form-V is submitted through mail regularly. Copy of Environmental Statement Form attached as annexure-14.</i>
17.	All statutory clearances shall be obtained before start of mining operations.	<i>All statutory clearances have been obtained before the commencement of mining operations.</i>

C. Other Points

S. No	Conditions of Environmental Clearance	Status of Compliance
1.	The DEIAA reserves the right to any new condition or modify the above condition(s) or to revoke the clearance if conditions stipulated above are not implemented to the satisfaction of Authority or for that matter for any administrative reason.	<i>The project complies with all stipulated conditions, and no new conditions or revocation of clearance by DEIAA have occurred due to non-compliance.</i>
2.	The Environmental clearance accorded shall be valid for the period of grant of lease for the mine (generally 10 years). The PP shall not increase production rate and alter lease area during the	<i>The project complies with the Environmental Clearance, with no increase in production rate or alteration of lease area during its validity.</i>

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	validity of Environmental Clearance.	
3.	In case of any deviation or alteration in the project proposed from those submitted to DEIAA, Jharkhand for clearance, a fresh reference should be made to DEIAA to assess the adequacy of the conditions imposed and to incorporate any new conditions if required.	<i>No deviations or alterations have been made to the project, and if required, a fresh reference will be made to DEIAA for reassessment of conditions.</i>
4.	The above stipulations would be enforced among others under the water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act 1981, the Environment (protection) Act, 1986, Hazardous Wastes (Management, Handling and Tran boundary Movement) Rules 2008 and the public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any order passed by the Hon'ble Supreme Court of India/ High Court of Jharkhand or any other Court of Law relating to the subject matter.	<i>The project complies with all applicable regulations under the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981, Environment (Protection) Act, 1986, and other relevant laws, including any judicial orders.</i>
5.	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.	<i>The project acknowledges that any appeal against the Environmental Clearance can be made to the National Green Tribunal within 30 days as per Section 16 of the National Green Tribunal Act, 2010.</i>

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DETAILS OF ENVIRONMENTAL MONITORING

3.1 AMBIENT AIR QUALITY MONITORING

3.1.1 Ambient Air Quality Monitoring Stations

Ambient air quality monitoring has been carried out at 3 locations; being Project Site of the project. This will enable to have a comparative analytical understanding about air quality and the changes in the air environment in the study area with respect to the condition prevailing. The locations of the ambient air quality monitoring stations are given in **Table 3.1**.

Table 3.1 Details of Ambient Air Quality Monitoring Stations

S. No.	Location Code	Location Name/ Description
1	Unit-1	Near East Corner
2	Unit-2	Near North West Corner
3	Unit-3	Near South West Corner

3.1.2 Ambient Air Quality Monitoring Methodology

Monitoring was conducted in respect of the following parameters:

- Particulate Matter (PM_{2.5})
- Particulate Matter (PM₁₀)
- Sulphur Dioxide (SO₂)
- Oxides of Nitrogen (NO₂)
- Carbon Monoxide (CO)

The duration of sampling of PM_{2.5}, PM₁₀, SO₂ and NO₂ was 24 hourly continuous sampling per day. The monitoring was conducted for one day at each location. This is to allow a comparison with the National Ambient Air Quality Standards.

The air samples were analyzed as per standard methods specified by Central Pollution Control Board (CPCB) and IS: 5182. The techniques used for ambient air quality monitoring and minimum detectable levels are given in **Table 3.2**.

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Fine Particulate Sampler instruments have been used for monitoring Particulate Matter 2.5 (PM_{2.5} i.e. <2.5 microns), and Respirable Dust Sampler was used for sampling Respirable fraction (<10 microns), gaseous pollutants like SO₂, and NO_x.

3.1.2 Ambient Air Quality Monitoring Results

The detailed on-site monitoring results of PM_{2.5}, PM₁₀, SO₂ and NO_x are presented in **Table 3.2**.

Table 3.2 Ambient Air Quality Monitoring Results

Discipline		: Chemical	Group Pollution	: Atmospheric			
S. No.	Parameter	Protocol	Sampling Location			Unit	NAAQS
			Unit 1	Unit 2	Unit 3		
1	Particulate Matter (PM ₁₀)	IS 5182: Part 23: 2006 (RA:2022)	78	74	72	µg/m ³	100µg/m ³
2	Particulate Matter (PM _{2.5})	IS 5182: Part 24: 2019	45	41	40	µg/m ³	60 µg/m ³
3	Sulphur Dioxide (SO ₂)	IS 5182: Part 2:2018 (RA:2023)	09	07	06	µg/m ³	80 µg/m ³
4	Oxides of Nitrogen (NO _x)	IS 5182: Part 6:2006 (RA:2022)	22	18	17	µg/m ³	80 µg/m ³

*NAAQS – National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(i)]18.11.2009

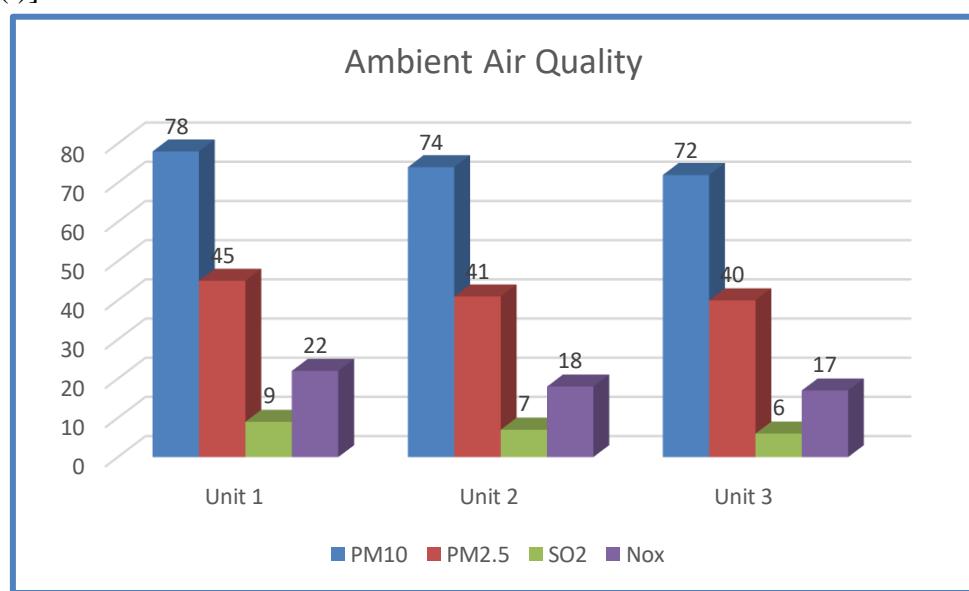


Figure 3.1 Location-wise Variation of Ambient Air Quality

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3.1.4 Discussion on Ambient Air Quality in the Study Area

PM₁₀ and PM_{2.5} levels at the project site are within the permissible limit of 100 $\mu\text{g}/\text{m}^3$ and 60 $\mu\text{g}/\text{m}^3$ respectively (for residential, rural and other areas as stipulated in the National Ambient Air Quality Standards). SO₂, NO_x was observed within the corresponding stipulated limits (Limit for SO₂ and NO_x: 80 $\mu\text{g}/\text{m}^3$) at all monitoring locations. Station wise variation of ambient air quality parameters has been pictorially shown in **Figure 3.1**.

3.2 AMBIENT NOISE MONITORING

3.2.1 Ambient Noise Monitoring Locations

The main objective of noise monitoring in the study area is to assess the present ambient noise levels in near main gate due to various construction allied activities and increased vehicular movement. A preliminary reconnaissance survey has been undertaken to identify the major noise generating sources in the area. Ambient noise monitoring was conducted at 3 locations at the main gate of the project site as given in **Table 3.3**.

Table 3.3 Details of Ambient Noise Monitoring Stations

S.No.	Location Code	Location Name/ Description
1	Unit-1	Near East Corner
2	Unit-2	Near North West Corner
3	Unit-3	Near South West Corner

3.2.2 Methodology of Noise Monitoring

Noise levels were measured using sound level meter. Noise level monitoring was carried out continuously for 24-hours with one hour interval starting at 6:00 AM to 6:00 AM next day. The noise levels were monitored on working days only.

During each hour Leq were directly computed by the instrument based on the sound pressure levels. Lmax, Lmin and Leq. Values were computed using corresponding hourly Leq. Monitoring was carried out at 'A' response and fast mode.

3.2.3 Ambient Noise Monitoring Results

The location wise ambient noise monitoring results is summarized in **Table 3.4**. The location-wise variation of noise levels is graphically presented in **Figure 3.2**.

GADWA STONE MINE

M/s Vidyarthi Stone Works Pro. Sri Parmanand Pandey
Plot No.- 63 (P), 72 & 80 Mauza-Gadwa, Tahsil Taljhari Dist. Sahibganj, Jharkhand (Area-11 acres (4.455 Ha))

Table 3.4 Ambient Noise Monitoring Results

Discipline	: Chemical		Group	: Atmospheric Pollution		
Parameter Level	: Ambient Noise		Protocol	: IS 9989		
Sampling Location						
Unit 1		Unit 2		Unit 3		
L MAX (DAY)	L MIN (NIGHT)	L MAX (DAY)	L MIN (NIGHT)	L MAX (DAY)	L MIN (NIGHT)	
69	59	60	44	38	41	
						Unit
						CPCB Limit
						dB
						Day 75
						dB(A) &
						(A) Night 70
						dB(A)

3.2.4 Discussion on Ambient Noise Levels in the Study Area

Day Time Noise Levels (L_{day}):

The day time noise level at all the locations were found to within limits prescribed for Residential area i.e. 75 dB (A).

Night Time Noise Levels (L_{night}):

The night time noise level at all the locations were found to within limit prescribed for Residential area i.e. 70 dB (A).

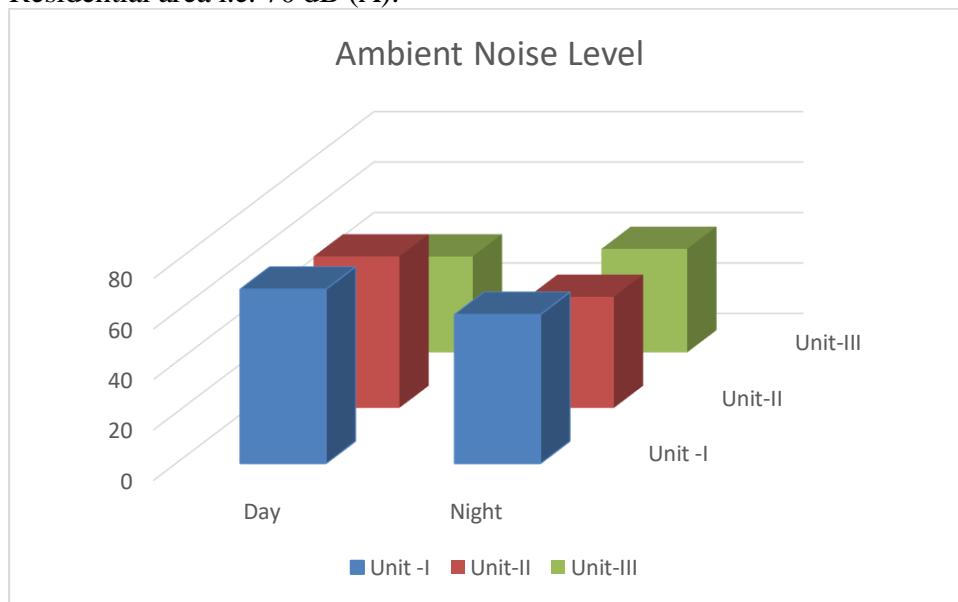


Figure 3.2 Location-wise Variation of Ambient Noise Level

Note: Laboratory Test Report Attached Below.



Institute for Environmental Management



TC - 11515

Test Report

ULR No.:	T	C	1	1	5	1	5	2	4	0	0	0	0	0	1	9	0	4
Discipline:	Chemical	Group: Atmospheric Pollution								Sub-Group: Ambient Air								
Report Issue Date:	16-11-2024								Test Report No.: RN-241112002A									
Sample ID:	241114AP01001-002-003								Sample Description: Ambient Air									
Challan No./P.O. No.:	20688813								Challan No./ P.No. Date: 12-11-2024									
Issued to:	<p>M/S VIDYARTHİ STONE WORKS Mouza-Gadwa, Plot No 63P, 72, & 80 District-SAHEBGANJ (Jharkhand)</p>																	
Type of Industry:	Stone Mine								Customer Representative: Prashant Pandey									
Sample Drawn by:	IEM Team								Sampling Date: 13-11-2024 to 14-11-2024									
Protocol:	CPCB Guideline(NAAQMS/36/2012-13) & IS Method 5182 Series																	
Sampling Location	A	Near East Corner								Co-ordinates: 25°13'13.67"N to 87°43'30.06"E								
	B	Near North West Corner								Co-ordinates: 25°13'17.00"N to 87°43'25.99"E								
	C	Near South West Corner								Co-ordinates: 25°13'9.12"N to 87°43'24.84"E								
Field Meteorological Information			A. Temp. (°C): 25	R.H. (%): 53			W.C.: Sunny			W.D.: SW to NE								
Sample Receiving Date: 14-11-2024			Testing Started: 14-11-2024			Testing Ended: 16-11-2024												

----Test Results----

Sl.No.	Parameters	Test Method No.	Unit	Standard Norms**	Results		
					A	B	C
1.	Particulate Matter (PM ₁₀)	IS 5182 Part 23	µg/m ³	100	78	74	72
2.	Particulate Matter (PM _{2.5})	IS 5182 Part 24	µg/m ³	60	45	41	40
3.	Sulphur Dioxide (SO ₂)	IS 5182 Part-02	µg/m ³	80	09	07	06
4.	Nitrogen Dioxide (NO ₂)	IS 5182 Part-06	µg/m ³	80	22	18	17

----End of Report----

Env. Condition of Lab.	Laboratory is maintaining Temperature 27± 2°C and Relative Humidity 65±5 % in all testing area as per IS 196:1966(C).
Abbreviation	MDL: Minimum Detection Limit, BDL: Below Detection Limit
Norms** is Specified	National Ambient Air Quality Standards (NAAQS), 2009.
Remark	Sample Comply with prescribed specification.

Tested By: Akanksha Sourabh

Sample Drawn By: Mahendranath Mahto & Team

Specific Contractual Notes: -	Reviewed by	Authorized Signatory
1. The laboratory accepts responsibility for content of this report. 2. This report shall not be reproduced except in full, without written approval of the MD. 3. This report is intended for only guidance and not for legal purpose or for advertisement. 4. Any complaint about this report should be communicated in writing within 7 days of its issue 5. Total liability of Institute for Environmental Management will be limited to invoiced amount only. 6. In case of feedback/ complaints, please send an email at gm.iemeco@gmail.com	T. Ahmad (Tauqeer Ahmad)	 (Dr. S. C. Jain)
On the basis of Quality Checked and Technical data verified by the Authorized signatory, the report is issued by the Director of the Organization.	Technical Manager	Director

Page 1 of 1

Corporate office ~ A-8, Modi Heights, Opp.-All India Radio Station, Ratnagar, Ranchi, Jharkhand - 834001

Laboratory Site - H.No. - A-13, Saket Vihar, Near Sohrai Bhawan, Harmu Housing Colony,
Ranchi-834002, Jharkhand, IndiaPh - 8407804253, 8407804251, Email - iem2012@rediffmail.com



Institute for Environmental Management



Test Report

ULR No.:	T	C	1	1	5	1	5	2	4	0	0	0	0	0	1	9	0	5
Discipline:	Chemical	Group: Atmospheric Pollution								Sub-Group: Ambient Air								
Report Issue Date:	16-11-2024								Test Report No.: RN-241112002N									
Sample ID:	241114AP02001-002-003								Sample Description: Ambient Noise									
Challan No./P.O. No.:	20688813								Challan No./ P.No. Date: 12-11-2024									

Issued to:

M/S VIDYARTHİ STONE WORKS
Mouza-Gadwa, Plot No 63P, 72, & 80 District-SAHEBGANJ (Jharkhand)

Type of Industry:	Stone Mine	Customer Representative:	Prashant Pandey
Sample Drawn by:	IEM Team	Sampling Date:	13-11-2024 to 14-11-2024
Protocol: CPCB Guideline(NAAQMS/36/2012-13) & IS Method 5182 Series			
Sampling Location	A	Near East Corner	Co-ordinates: 25°13'12.90"N to 87°43'30.10"E
	B	Near North West Corner	Co-ordinates: 25°13'16.64"N to 87°43'26.45"E
	C	Near South West Corner	Co-ordinates: 25°13'9.14"N to 87°43'25.51"E
Field Meteorological Information	A. Temp. (°C): 25	R.H. (%): 53	W.C.: Sunny W.D.: SW to NE
Sample Receiving Date:	14-11-2024	Testing Started:	14-11-2024
			Testing Ended: 16-11-2024

----Test Results----

Sl. No	Parameter	Method	Unit	Day Time			Night Time			Norms**
				A	B	C	A	B	C	
1.	Equivalent Sound Level (Leq)	IS 9989:1981	dB(A)	69	59	60	44	38	41	Day - 75 Night - 70

---End of Reports----

Note: -

1. Day time shall mean from 6.00 a.m. to 10.00 p.m.
2. Night time shall mean from 10.00 p.m. to 6.00 a.m.
3. Mixed categories of areas may be declared as one of the four above mentioned categories by the competent authority.
4. dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relatable to human hearing.
5. A "decibel" is a unit in which noise is measured. "A", in dB(A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to frequency response characteristics of the human ear.
6. Leq: It is an energy mean of the noise level, over a specified period.

Env. Condition of Lab.	Laboratory is maintaining Temperature $27 \pm 2^{\circ}\text{C}$ and Relative Humidity $65 \pm 5\%$ in all testing area as per IS 196:1966(C).
Abbreviation	MDL: Minimum Detection Limit, BDL: Below Detection Limit
Norms** is Specified	As per Noise Pollution (Regulation and Control) Rules - 2000
Remark	Sample Comply with Prescribed Specification.

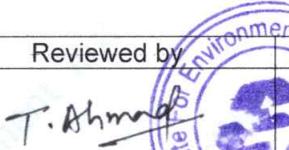
Tested By: Akanksha Sourabh

Sample Drawn By: Mahendranath Mahto & Team

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On the basis of Quality Checked and Technical data verified by the Authorized signatory, the report is issued by the Director of the Organization.

Reviewed by	Authorized Signatory
	
(Tauqeer Ahmad)	(Dr. S. C. Jain)
Technical Manager	Director

Page 1 of 1

Corporate office - A-8, Modi Heights, Opp.-All India Radio Station, Ratnagar, Ranchi, Jharkhand - 834001

Laboratory Site - H.No. - A-13, Saket Vihar, Near Sohrai Bhawan, Harmu Housing Colony, Ranchi-834002, Jharkhand, India

Ph - 8407804253, 8407804251, Email - iem2012@rediffmail.com

District Level Environment Impact Assessment Authority, Sahibganj ,Jharkhand

New SDO Building Sahibganj, Jharkhand,816109

Tel-06436-222030(R); Fax-06436-222030

Email:deiaa.sbg@gmail.com

Letter no.-EC/DEIAA/2017-18/.....241

Sahibganj, Date:-...13.09.17

To: Sri Parmanand Pandey
At- Netaji Subhash Colony
P.O.-Sahibganj
P.S.-Jirbabari
Dist-Sahibganj
State-Jharkhand

Sub.: Environmental Clearance for the project," Gadwa Stone Mine, M/S-Vidyarthi Stone Works, Pro.- Sri Parmanand Pandey lease of Mouza- Gadwa Plot No.- 63(P), 72, & 80 of area- 11.00 Acres (4.455 Ha), in Mouza-Gadwa, Tehsil-Taljhari Dist-Sahibganj from Longitude- 87°43'30.00" E to 87°43'32.09" E Latitude-25°13'10.00" N to 25°13'17.08" N".

Sir,

It is reference to the project,"Gadwa Stone Mine, M/S-Vidyarthi Stone Works, Pro.- Sri Parmanand Pandey lease of Mouza- Gadwa Plot No.- 63(P), 72, & 80 of area- 11.00 Acres (4.455 Ha), in Mouza-Gadwa, Tehsil-Taljhari Dist-Sahibganj from Longitude- 87°43'30.00" E to 87°43'32.09" E Latitude-25°13'10.00" N to 25°13'17.08" N" submitted by you for seeking prior Environment Clearance.

The site is visited by a team and verified. The proposal was appraised by District Level Expert Appraisal Committee (DEAC) and recommended for grant of Environmental Clearance in its meeting held on 23th Aug., 2017.

The details of mine capacity as per Approved Mining Plan Report are as follows-

1. Mineable Reserves : 1926507 T
2. Year-wise Production as per Approved Mining plan Report for five Years is as follows

1 st Year	: 180023 T
2 nd Year	: 180074 T
3 rd Year	: 180093 T
4 th Year	: 180058 T
5 th Year	: 180050 T

The daily production as per From 1M is 600 Tones .

District Level Environment impact Assessment Authority(DEIAA), Sahibganj, Jharkhand in its held on 23.08.2017 discussed the project proposal along with recommendations made by DEAC and decided to grant EC to the project.

Following the decision of DEIAA, as mentioned above , Environmental Clearance is hereby issued to the project," Gadwa Stone Mine, M/S-Vidyarthi Stone Works, Pro.- Sri Parmanand Pandey lease of



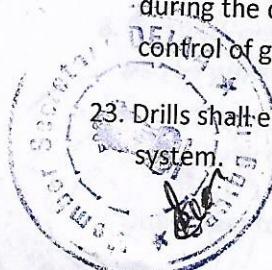
Mouza- Gadwa Plot No.- 63(P), 72, & 80 of area- 11.00 Acres (4.455 Ha), in Mouza- Gadwa, Tehsil- Taljhari Dist-Sahibganj from Longitude- 87°43'30.00"E to 87°43'32.09"E Latitude-25°13'10.00" N to 25°13'17.08" N " along with the following conditions-

A. Specific Conditions

1. This Environmental Clearance is valid subject to the following condition below-
That this project has-
 - a. Obtained all legal rights to operate at concerned place.
 - b. Complied with all existing concerned laws of the land and
 - c. Complied with all the decisions of DEIAA on the issue of Environmental Clearance till date.
2. The environmental clearance is subject to grant of mining lease by Department of Mines, Government of Jharkhand to PP and all other Statutory Conditions as imposed by various agencies / District Authorities are complied with.
3. The project proponent shall obtain Consent to Establish and Consent to operate from the Jharkhand state pollution Control Board, Ranchi and effectively implement all the conditions stipulated therein.
4. At the time obtaining Consent to establish/Consent to Operate, PP should submit site map duly signed by PP and DMO to JSPCB & DEIAA.
5. At the time of obtaining consent to operate, PP will erect boundary pillars to demarcate boundary of lease. GPS reading, backward-forward bearing & pillar to pillar distance are to be written on each pillar. Pillar wise list will be submitted to DEIAA and JSPCB before issued of Consent to operate.
6. No mining shall be undertaken in the forest area without obtaining requisite prior forestry clearance. Minimum distance shall be maintained from Reserved / Protected Forest as stipulated in DEIAA Guidelines.
7. Environmental clearance is subject to final order of the Hon'ble Supreme Court of India / MOEF Guidelines applicable to Minor Minerals.
8. Environmental clearance is subject to obtaining clearance under the wildlife (protection) Act, 1972 from the competent authority, as may be applicable to this project (in case any fauna occurs/ is found in the project area). No damage is to be done to fauna if found in ML area (as mentioned in various schedules). In case found they should be given protection, collected alive with the help of expert and transferred them or handing over them to the concerned authorities.
9. The mining operations shall be restricted to above ground water table and it should not intersect the groundwater table. In case of working below the ground water table, prior approval of the Ground Water Directorate, Government of Jharkhand / Central Ground Water Board shall be obtained. Benches height and slope shall be maintained as per approved Mining Plan. The Mining plan has to be got approved by concerned authorities as per DEIAA guidelines. Safety measures shall be adopted in line with DGMS guidelines.
10. PP shall maintain minimum distance from Reserved/protected Forests as stipulated in applicable guidelines.
11. The project proponent shall ensure that no natural watercourse and /or water resources shall be obstructed due to any mining operations. Adequate measures shall be taken for conservation and protection of the first order and the second order streams, if any emanating /passing through the mine lease area during the course of mining operation.



12. The top soil, 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.
13. There shall be no external dump (s). Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Jharkhand state pollution Control Board, Ranchi and its nearest Regional office on six monthly bases.
14. Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, sub-grade and mineral dump(s) to prevent run off of water and flow of sediments directly into the agricultural fields, and other water bodies. The water so collected should be Utilized for watering the mine area, haul roads, green belt development etc. The drains shall be regularly desilted particularly after the monsoon and maintained properly.
15. Dimension of the retaining wall at the toe of the OB benches within the mine to check run-off and siltation shall be based on the rain fall data.
16. Greenbelt shall be developed all along the mine lease area and haul roads. The project proponent shall do tree plantation in at least 33% of the space, preferably along the periphery and in vacant space. Fast growing and local species will be planted. In case land is not available within the lease area or it is not possible to plant trees due to nature of land then PP will do necessary afforestation at other places/ land.
17. Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and transfer points. Extensive water sprinkling shall be carried out on haul roads which should be made pucca with suitable water drainage arrangements. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central pollution Control Board in this regard.
18. The project proponent should implement suitable conservation measures to augment ground water resources in the area in consultation with the Ground Water Directorate, Government of Jharkhand/ Central Ground Water Board.
19. The project proponent shall if required, obtain necessary prior permission/NOC of the competent authorities for drawl of requisite quantity of water required for the project.
20. Suitable rainwater harvesting measures shall be planned and implemented in consultation with the Ground Water Directorate, Government of Jharkhand/ Central Ground Water Board.
21. Vehicular emissions shall be kept under control and regularly monitored. Measures shall be taken for maintenance of vehicles used in mining operations and in transportation of mineral. The mineral transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded. No transportation of ore outside the mine lease area shall be carried out after the sunset.
22. No blasting shall be carried out after the sunset. Blasting operation shall be carried out only during the daytime. Controlled blasting shall be practiced. The mitigative measures for control of ground vibration and to arrest fly rocks and boulders should be implemented.
23. Drills shall either be operated with the dust extractors or equipped with water injection system.



24. Effective safeguard measures should be taken to control fugitive emissions so as to ensure that RSPM (Pm10 and PM2.5) levels are within prescribed limits.
25. Pre-placement medical examination and periodical medical examination of the workers engaged in the project shall be carried out and records maintained.
26. The project proponent shall take all precautionary measures during mining operations for conservations and protection of endangered fauna.
27. Provision shall be made for the housing of construction labor within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, septic tanks, safe drinking water medical health care etc. the housing may be in the form of temporary structures to be removed after the completion of the project.
28. Proper safety measures as per statutory requirement are to be implemented around the mined out Pit prior to closure of site.
29. A final mine closure plan along with corpus fund duly approved by Competent Authority shall be submitted to the Jharkhand state pollution Control board, Ranchi and to concerned DMO in advice of final mine closure for approval.

B. General conditions:

1. No change in mining technology and scope of working should be made without prior approval of the statutory authorities / Department of Mines, Government of Jharkhand / Jharkhand State pollution Control Board, Ranchi during the EC period.
2. No change in the calendar plan including excavation, quantum of mineral and waste should be made.
3. The Project proponent shall make all internal roads pucca and shall maintain a good housekeeping by regular cleaning and wetting of the haul roads and the premises.
4. The project proponent shall maintain register for production and dispatch and submit return to the Board.
5. The project proponent shall not cut trees / carry out tree felling in leased out area without the permission of competent authority.
6. Measures should be taken for control of noise levels below prescribed norms in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs / muffs.
7. Industrial waste water (workshop and waste water from the mine) should be properly collected, treated so as to confirm to the standards oil and grease trap should be installed before discharge of workshop effluents.
8. Personal working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.
Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
9. Dispensary facilities for First aid shall be provided at site.



10. A separate environmental management / monitoring cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the head of the Organization.
11. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Jharkhand State pollution Control board, Ranchi. PP shall carry out CSR activities as per Government Guidelines (% of profit / turnover) or at least Rs 1 per ton whichever is higher.
12. The Jharkhand State pollution Control board, Ranchi directly or through its regional office, shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) by furnishing the requisite data / information / monitoring reports.
13. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hardcopies as well as E-mail) to JSPCB, DEIAA and SEIAA.
14. The proponent shall upload the status of compliance of the environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to Jharkhand State pollution Control board and its concerned Regional Office. The criteria pollutant levels namely; SPM, RSPM, SO₂, NO_x (ambient levels) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the company in the public domain.
15. A copy of clearance letter shall be sent by the project proponent to concerned panchayat, Zila parisad /Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the project proponent.
16. The environmental statement for each financial year ending 31st March in Form-V as in mandated to be submitted by the project proponent to the Jharkhand State Pollution Control Board as prescribed under the Environment (protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along the status of compliance of EC conditions and shall also be put on the concerned Regional office of JSPCB by e-mail.
17. All statutory clearances shall be obtained before start of mining operations.

C. Other points:

1. The DEIAA reserves the right to any new condition or modify the above condition(s) or to revoke the clearance if conditions stipulated above are not implemented to the satisfaction of Authority or for that matter for any administrative reason.
2. The Environmental clearance accorded shall be valid for the period of grant of lease for the mine (generally 10 years). The PP shall not increase production rate and alter lease area during the validity of Environmental Clearance.



3. In case of any deviation or alteration in the project proposed from those submitted to DEIAA, Jharkhand for clearance, a fresh reference should be made to DEIAA to assess the adequacy of the conditions imposed and to incorporate any new conditions if required.
4. The above stipulations would be enforced among others under the Water (Prevention & Control of Pollution)Act , 1974, the Air (Prevention & Control of Pollution)Act ,1981, the Environment (protection)Act ,1986,Hazardous Wastes (Management , Handling and Tran boundary Movement)Rules,2008 and the public Liability Insurance Act , 1991 along with their amendments and rules made there under and also any order passed by the Hon'ble Supreme Court of India / High Court of Jharkhand or any other Court of Law relating to the subject matter.
5. 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.

*Abbas
Begam*
Member Secretary
सरकारी सचिव DEIAA

District Level Environment Impact
Assessment Authority, Sahibganj (Jharkhand)
साहिबगंज



JHARKHAND STATE POLLUTION CONTROL BOARD

TOWNSHIP ADMINISTRATION BUILDING, HEC COMPLEX, DHURWA, RANCHI 834004
Telephone: 0651-2400850 (Fax)/ 2400851/2400852/2401847/2400979/2400139

Ref No.: JSPCB/HO/RNC/CTE-2198895/2018/467

Dated : 2018-05-04

Consent to Establish (CTE) under section 25 /26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981

1. Reference: Application (s) No.- 2198895 / dated : 03/03/2018 of M/S VIDYARTHİ STONE WORKS, PARMANAND PANDEY for consent under section 25 /26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981

2. Documents Relied Upon:

- (a) The content of Check List/ inspection report dated 07-04-2018 of R O-Cum-Laboratory, J.S.P.C.Board, Dumka.
- (b) The content of Environmental Clearance Ref. No. EC/DEIAA/2017-18/ 241 dated 13.09.2017 issued by DEIAA, Sahebganj ,Jharkhand, for Gadwa stone mines for the proposed site / all plots No. 63/P, 72,80, Mauza- Gadwa, PO- Maharajpur, Dist- Sahebganj [Area - 11 acres or 4.455 Ha] for capacity of stone boulders - 600 TPD.
- (c) The content of mining lease deed No. 103/96 made on 02.02.2018 for stone mining for 10 years (But period of mining lease is not mentioned) for proposed site / all plots and area - 11 acres, with site tracing map signed by proponent, DMO & D.C. Sahebganj.

3. The consent is granted under section 25 / 26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981 to establish the project in Mauza- GADWA, P S -TALJHARI, District-SAHEBGANJ as follows:

Project	Site-Area		Investment (Rs)/ Year	Product & Capacity	Period of CTE
	Plot Nos.	Area			
Before Expansion	Mauza- Gadwa, Khata No. 55,25,07, Plot No. 63/P, 72, 80	11 Acres or 4.455 Ha	04,50,77,00 0/-.	Stone Boulders - 600 TPD	Date of issue to Six Months

(A) General Conditions :

- (1) That, the occupier shall construct pucca (i) minimum ten feet high boundary wall and (ii) approach road and internal roads and shall keep the premises neat and clean and tidy.

(2) That, the occupier shall install comprehensive enclosure (s) to cover the places of unloading of raw materials, the equipments of their processing & transferring, the places of loading of products, by products and wastes for prevention of fugitive emission and shall install such automatic inbuilt system(s) that in house dust/ gases collect(s) and undergo (es) cleaning and clean air goes out.

(3) That, the occupier shall install such automatic inbuilt system(s) that process flue gas(es) / process gas(es) and undergo(es) cleaning and clean air go(es) out through the chimney(s), having height(s) as per Central Pollution Control Board norm.

(4) That, the occupier shall have D G Set(s) of the standard as laid in the Environment (protection) Rules, 1986 and shall install it (them) within acoustic enclosure (s) and shall keep the height(s) of exhaust pipe(s) as per Central Pollution Control Board norm .

(5) That, the occupier shall impart treatment as per Central Pollution Control Board text to wastewater and shall keep process effluent in close-circuit and effluent from other sources in conformity with the standard (s).

(6) That, the occupier shall install Central Ground Water Board/ State Ground Water Directorate approved system of rain water harvesting-cum-ground water recharge.

(7) That, the occupier shall create new water body (ies) / remove deposit(s) of existing water body(ies) and nearby stream(s) and pond(s) and shall maintain the wholesomeness of water.

(8) That, the occupier shall grow greenery in the periphery and other available spaces and shall continue enhancing its plant density and biodiversity.

(9) That, this CTE is valid subjected to the validity of mining Lease / Mining Plan / Ecofriendly / Environmental Clearance, if applicable. In case of no renewal of Mining Lease/Mining Plan, this consent shall be treated as revoked automatically.

(10) That, this CTE is issued from the environmental angle only and does not absolve the occupier from other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility to comply with these conditions laid down in all other laws for the time being in force, rests with the industry/ unit/ occupier.

(11) That, this CTE shall not in any way, adversely affect or jeopardize the legal proceeding , if any, instituted in the past or that could be , instituted against you by the State Board for violation of the provisions of the Act or the Rules made there under.

(12) That, the occupier shall comply with all applicable provisions of the Water (Prevention & Control of Pollution) Act, 1974; the Water (Prevention & Control of Pollution) Cess Act, 1977; the Air (Prevention & Control of Pollution) Act, 1981; and the Environment (Protection) Act, 1986 and Rules there under.

(B) Specific Conditions:

(1) That the occupier shall reclaim the mined out area as per approved mining plan.

(2) That the occupier shall keep the OB dump at dump site as per mining plan & construct toe wall around dump site, garland drain with settling pits & maintain properly.

(3) That the occupier shall maintain premises neat & clean and wetting of the ground with appropriate technique.

(4) That, the occupier shall keep over burden dump(s) at least 100 meter away from river/stream/water body.

(5) That the occupier shall keep the live soil in proper way at appropriate place separately.

(6) That, the occupier shall comply all the general & specific conditions of Environmental Clearance and shall submit report to the Board.

(7) That, the occupier shall install fixed type water sprinklers to cover all dusty places in the premises to impart water spraying intermittently and during loading, unloading of raw materials/products and wastes.

(8) That, the occupier shall maintain register for production and dispatch and submit return to the Board.

(9) That, the occupier shall not at all use any sort of explosives for mining activities without obtaining license from the explosive department and submit the copy to the Board.

(10) That, the occupier shall comply with all applicable provisions of the Water (Prevention & Control of Pollution) Act, 1974; the Water (Prevention & Control of Pollution) Cess Act, 1977; the Air (Prevention & Control of Pollution) Act, 1981; and the Environment (Protection) Act, 1986 and Rules there under.

4. **That, this CTE shall not absolve the occupier from making compliance of other statutory prescribed under any law or direction of courts or any other instrument for the time being in force.**
5. **That, this CTE is being issued on the basis of information/ documents/ certificate submitted by the unit. This CTE will be revoked if any of the information/ documents/ certificates/ undertaking given by the occupier is found false/fictitious/forged in future.**
6. **This order shall be valid subject to compliance of all other legal requirements applicable to the unit.**
7. **The State Board reserves the right to revoke, withdraw or make any reasonable variation / change / alteration in condition of this consent.**

This is issued with the approval of the competent authority

**(Rajiva Kumar Sinha)
Section Head, Dumka**

Memo No. : JSPCB/HO/RNC/CTE-
2198895/2018/467

Dated : 2018-05-04

Copy to : Sri Parmanand Pandey, Prop. M/s Vidyarthi Stone Works (Stone Mines), At- Taljhari, Mauza-Gadwa, P.O.- Maharajpur, Distt.- Sahebganj/ Director of Industry, Government of Jharkhand, Ranchi/ Director of Mines, Government of Jharkhand, Ranchi/ Deputy Commissioner, Sahebganj/ Chief Inspector of Factories, Government of Jharkhand, Ranchi / D.F.O., Sahebganj/ D.M.O., Sahebganj/ Regional Officer,

J.S.P.C.B., Dumka for information & necessary action.

(Rajiva Kumar Sinha)
Section Head, Dumka



JHARKHAND STATE POLLUTION CONTROL BOARD

TOWNSHIP ADMINISTRATION BUILDING, HEC COMPLEX, DHURWA, RANCHI 834004
Telephone: 0651-2400850 (Fax)/ 2400851/2400852/2401847/2400979/2400139

Ref No. JSPCB/HO/RNC/CTO-21990476/2025/788

Dated : 2025-04-17

Consent to operate (CTO) under section 25 /26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981

1. Application (s) dated 2025-04-12 of M/S VIDYARTHİ STONE WORKS, Occupier Name :Prashant Pandey for consent under section 25 (1)(b)/25 (1) (c)/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21(1) of the Air (Prevention & Control of Pollution) Act,1981..

2. Documents Relied Upon:

(a) The content of Consent to Establish (CTE) granted vide ref No.: JSPCB/HO/RNC/CTE-2198895/467 Dated: 04.05.2018 at Khata No.- 55, 25, 07, Plot No.- 63/p,72,80 over an area of 11 acres Investment Rs. 4,50,77,000/- Lacs at Mauza- Gadwa, P S -taljhari, District-sahebganj for the production capacity of Stone Boulders- 600TPD of this office.

(b) The content of CTO was granted issued by the Board vide Ref No. JSPCB/HO/RNC/CTO-20609589/2024/1921 Dated: 2024-12-17, Production of Stone Boulders - 600 TPD (Maximum production capacity as per EC), Valid till 31/03/2025)

(c) The content of Environmental Clearance vide letter No. EC/DEIAA/2017-18/241 Sahebganj dated 13.09.2017 issued by DEIAA, Sahebganj, Jharkhand for Gadwa stone mine M/S VIDYARTHİ STONE WORKS Pro sri Parmanand Panday for, Area-11.00 Acres, Mauza – Gadwa, P.S- TALJHARI, DIST.- SAHEBGANJ.

(d) The content of mining lease deed No- 103/96 executed by and b/w Deputy Commissioner, Sahibganj and M/S VIDYARTHİ STONE WORKS on 02.02.2018 for stone mining valid from 02.02.2018 to 10 years Area in 11.00 Acres at Mauza- Gadwa, P.S- TALJHARI, DIST.- SAHEBGANJ with site tracing map signed by Proponent, AMO & DC

(e) The content of inspection report Ref no. - 668 dated 09.04.2025 of RO-Cum-Laboratory, J.S.P.C. Board, Dumka.

(f) The content of affidavit submitted with the declaration that the reappraisal application is under progress at SEIAA and has not been rejected.

3. The consent is granted under section 25 / 26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981 to operate the project in Mauza -GADWA , P S -TALJHARI , District -SAHEBGANJ , as follows:

Project	Site-Area		Investment (Rs)	Product & Capacity	Period of CTO
	Plot Nos.	Area			Date of issue To

Before Expansion	Mauza Gadwa, Plot No. 63/P, 72, 80	11 Acres or 4.455 Ha	04,50,77,00 0/-	Stone Boulders - 600 TPD (Maximum production capacity as per EC) *[Year-wise production capacity needs to be maintained as per EC]	26/05/2025
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(A) Specific Conditions:

1. That, the occupier shall make agreement with transporters to transport stone boulder in fully covered and leak proof vehicles.
2. That, the occupier shall do mining activities only if, mining lease has valid time validity.
3. That, the occupier shall do mining activities only if, mining lease has valid time validity.
That, the occupier Shall Submit Production figure of the Boulder duly certified by D.M.O, within consent period.
4. That, the occupier shall do sprinkling of water regularly on haul roads and dusty areas.
5. That, the occupier shall supply Stone Boulder only to those stone crusher units which have valid Consent to Operate order from Board and shall maintain record of it and show the record to the Inspecting Officer at the time of inspection.
6. That, the occupier shall preserve live soil of the mine(s) and shall reclaim mined out areas by filling it (them) with over burden and live soil and shall do tree plantation over it (them). In no case soil be stored out of mine lease area and report to J.S.P.C. Board.
7. That, the occupier shall maintain the planted trees & continue plantation be done.
8. That, the occupier shall submit applications for renewal of consent under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981 again 120 days prior to the date of expiry of this consent with requisite fee and documents showing compliance of all of the above conditions.
9. That, the occupier shall install fixed type water sprinklers to cover all dusty places in the premises to impart water spraying intermittently and during loading, unloading of raw materials/products and wastes.
10. That, the occupier shall not use any sort of explosives for mining activities without obtaining explosive license from Explosive Department.
11. That, the occupier shall make a provision for Water Wetting /Surface active agents /Covering at the product storage area and OB/Waste Storage area.

12. That, the occupier shall reclaim mines out area regularly and do tree plantation in at least 33% of the space preferably along the periphery and in vacant space.
13. That, the occupier shall carry out mining activity at a minimum distance of 100 meter from any river/nallah etc.
14. That, the occupier shall maintain the compliance status failing which CTO will be revoked or environmental compensation will be levied.
15. That, the occupier shall maintain PM 10 analyser as per CPCB guideline and US EPA approved technology with onsite display and will provide connectivity to JSPCB server.
16. That the occupier shall provide information to JSPCB regarding temporary discontinuation/ under suspension/closure/ any incident of accident or other unforeseen act or event of the unit.
17. That the occupier shall obtain reappraised Environmental Clearance by date 26.05.2025.
18. That, the occupier shall ensure that haul roads/roads within the mines/industry premises used for the transportation of the products from the stone crushers or mines shall be paved and sufficient number of sprinklers be in operation. The concerned mines shall be responsible for installation and O&M.
19. That, the occupier shall ensure that the stone dusts from the stone crushing/ mines are not dumped in the nearby areas and may be utilized for construction activities of the 4-lane highway and Ganga Bridge in the area and filling up the ponds/mine voids which were created during the stone mining or reclamation of the stone mines.
20. That, the occupier shall submit ambient air quality and Noise level monitoring reports every year to the Board.

21. That the occupier shall install mist fog cannon dust suppression system at dust prone areas to arrest dust particles.
22. That the occupier shall abide by the conditions & shall confine the production as per the year wise production capacity mentioned in EC.

23. That the occupier shall supply the stone boulders to only such crusher units which have valid consent from Board.

(B) General Conditions :

- (1) That, the occupier shall maintain the **National Ambient Air Quality Standard** given below:

S N	Pollutant	Time Weighted Average	Concentration in Ambient Air	
			Industrial, Residential, Rural and Other Area	Ecologically Sensitive Area (notified by Central Govt.)
(1)	(2)	(3)	(4)	(5)
1.	Sulphur Dioxide (SO ₂), $\mu\text{g}/\text{m}^3$	Annual 24 hours	50 80	20 80
2.	Nitrogen Dioxide (NO ₂), $\mu\text{g}/\text{m}^3$	Annual 24 hours	40 80	30 80
3.	Particulate Matter (size less than 10 μm) or PM10, $\mu\text{g}/\text{m}^3$	Annual 24 hours	60 100	60 100
4.	Particulate Matter (size less than 2.5 μm) or PM2.5, $\mu\text{g}/\text{m}^3$	Annual 24 hours	40 60	40 60
5.	Ozone(O ₃), $\mu\text{g}/\text{m}^3$	8 hours 1 hour	100 180	100 180
6.	Lead (Pb) $\mu\text{g}/\text{m}^3$	Annual 24 hours	0.50 1.0	0.50 1.0
7.	Carbon Monoxide (CO) mg/m ³	8 hours 1 hour	02 04	02 04
8.	Ammonia (NH ₃) $\mu\text{g}/\text{m}^3$	Annual 24 hours	100 400	100 400
9.	Benzene (C ₆ H ₆) $\mu\text{g}/\text{m}^3$	Annual	05	05
10.	Benzo(a) Pyrene(BaP) Particulate Phase only ng/m ³	Annual	01	01
11.	Arsenic (As) ng/m ³	Annual	06	06
12.	Nickel (Ni) ng/m ³	Annual	20	20

Note : Serial no. 1 to 4 – Mandatory
Serial no. 5 to 12 As applicable for specific type of industry.

(2) That, the occupier shall maintain the emission quality within the standard and the quantity, as follows:

S N	Parameter	Standard
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(3) That, the occupier shall keep process effluent in close-circuit and the quality of effluent from other sources in conformity with the standard (s) and the discharge quantity as below:

S N	Parameter	Standard
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(4) That, the occupier shall dispose of solid wastes as follows:

S N	Waste Type	Mode of Disposal
1	Hazardous Carbonaceous Wastes	In co-processing in high temperature furnaces or kilns
2	Hazardous Non-Carbonaceous Wastes	In TSDF
3	Non-Carbonaceous Non-Hazardous solid wastes/ Mine Over Burden	As a substitute of Soil or Mineral

(5) That, the occupier shall keep D G Set(s) within acoustic enclosure and shall keep the height(s) of exhaust pipe(s) as per Central Pollution Control Board norm.

(6) That, the occupier shall install and maintain Central Ground Water Board/ State Ground Water Directorate approved system of rain water harvesting-cum-ground water recharge and submit the photographic view of the structures within a month.

(7) That, the occupier shall grow and maintain greenery of the project in the periphery and other available spaces and shall continue enhancing its plant density and biodiversity.

(8) That, the occupier shall submit environmental statement with supporting stoichiometric calculations analyses reports, every year latest by 30th September of the next financial year.

(9) That, the occupier shall submit report(s) duly monitored and issued by an NABL accredited / ISO 9001:2008 and OHSAS 18001:2007 certified laboratory in compliance sub-para (2), (3), (4) and (5) of paragraph 3 of this CTO yearly at required periodicity.

(10) That, this CTO is valid subjected to the validity of mining Lease/Mining Plan/Ecofriendly/Environmental Clearance, if applicable. In case of no renewal of Mining Lease/Mining Plan, this consent shall be treated as revoked automatically.

(11) That, this CTO is issued from the environmental angle only and does not absolve the occupier from other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility to comply with these conditions laid down in all other laws for the time-being in force, rests with the industry/ unit/ occupier.

(12) That, this CTO shall not in any way, adversely affect or jeopardize the legal proceeding , if any, instituted in the past or that could be , instituted against you by the State Board for violation of the provisions of the Act or the Rules made there under.

(13) That, the occupier shall comply with all applicable provisions of the Water (Prevention & Control of Pollution) Act, 1974; the Water (Prevention & Control of Pollution) Cess Act, 1977; the Air (Prevention & Control of Pollution) Act, 1981; and the Environment (Protection) Act, 1986 and Rules made there under.

4. That, this CTO shall not absolve the occupier from making compliance of other statutory prescribed under any law or direction of courts or any other instrument for the time being in force.

5. That, this CTO is being issued on the basis of information/ documents/ certificate submitted by the unit. This CTO will be revoked if any of the information/documents/certificates/undertaking given by the occupier is found false/fictitious/forged in future.

6. The Order shall be valid subject to compliance of all other legal requirements applicable to the unit.

7. The State Board reserve the right to revoke, withdraw or make any reasonable variation / change / alteration in conditions of this consent.

This is issued with the approval of the Competent authority

[Amrita Mishra]

Divisional Head, Dumka

Memo No. : JSPCB/HO/RNC/CTO-
21990476/2025/788

Dated : 2025-04-17

Copy to: Sri Parmanand Pandey, Prop. M/s Vidyarthi Stone Works (Stone Mines), AT. - At- Taljhari, Mauza-Gadwa, P.O.- Maharajpur, Distt. - Sahebganj Chief Inspector of Factories, Ranchi/ Director of Industry, Govt of Jharkhand, Ranchi/ Director of Mines, Govt of Jharkhand, Ranchi/ The Deputy Commissioner, Sahebganj / The DFO, Sahebganj / The DMO, Sahebganj / Regional Officer, Regional Office, Dumka for information & necessary action.

[Amrita Mishra]

Divisional Head, Dumka

N SANTHAL PARGANAS

5. SUB-DIVISION - RAJMAHAL.

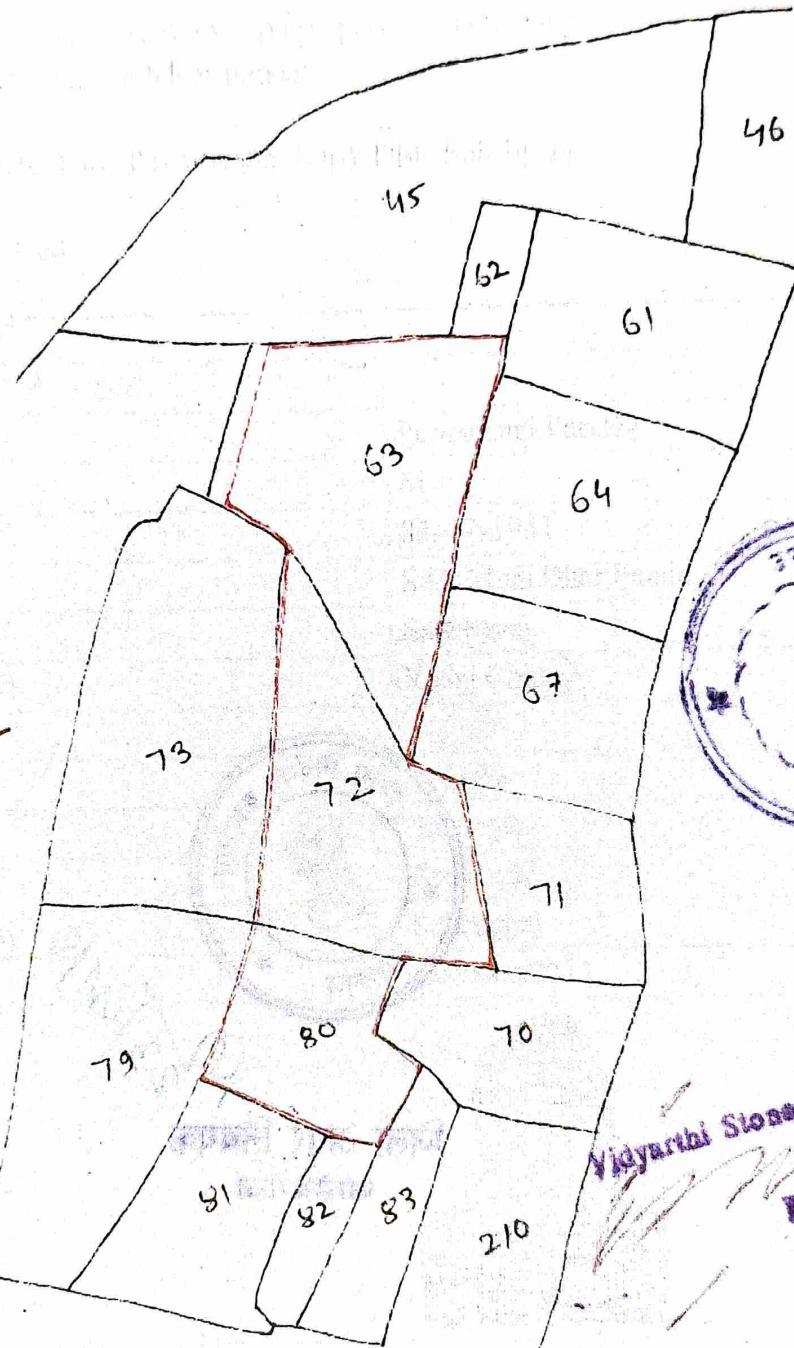
PIOUS A - GADWAN - II

BUNGLOW - MAHARAJPUR

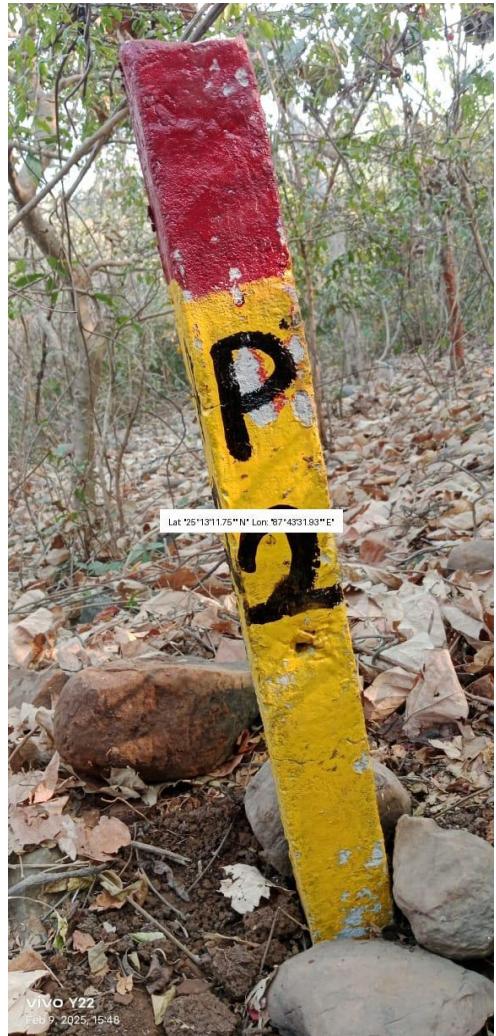
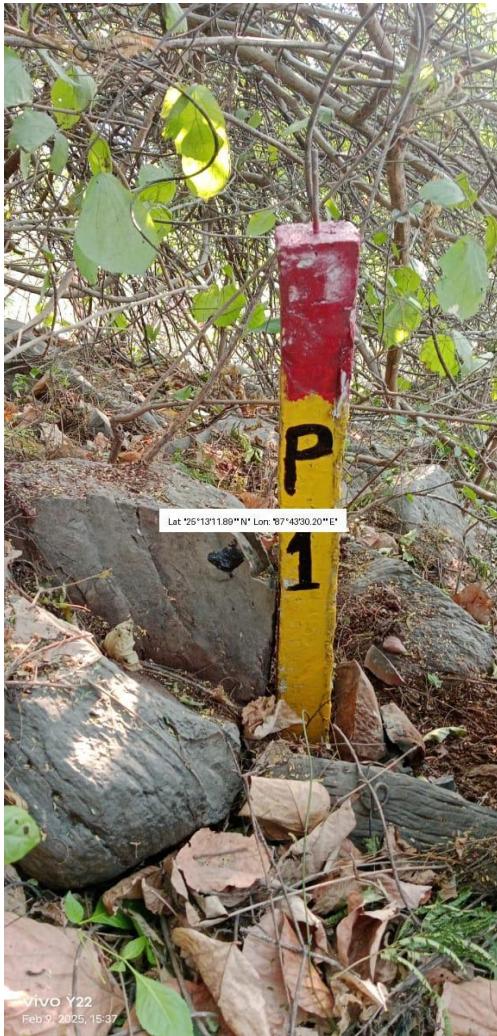
SCALE - 16" = 1 MILE

Leased area shown in red - []

四



ଶିଖା ପାତନ ପାରୀଖିଳା କୁ କାହିଁରାହି



P1 – Lat. 25° 13' 11.89" N, Long. 87° 43' 30.20" E

P2 – Lat. 25° 13' 11.75" N, Long. 87° 43' 31.93" E



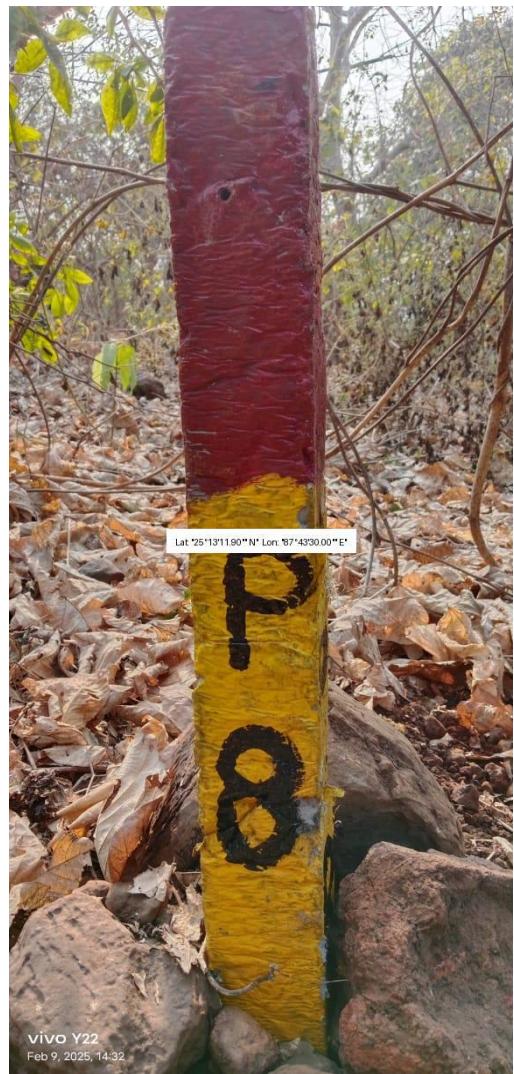
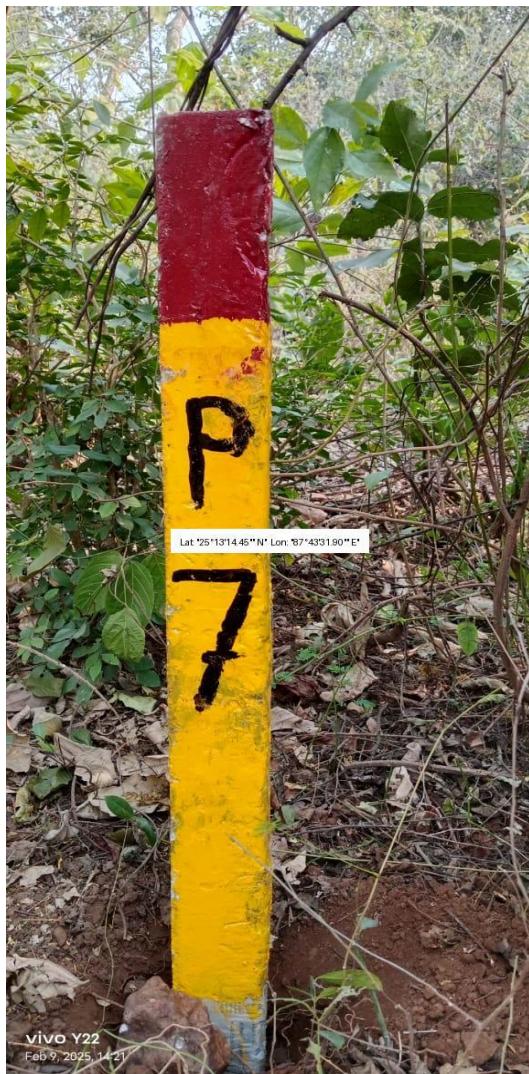
P3 – Lat. 25° 13' 10.41" N, Long. 87° 43' 31.25" E

P4 – Lat. 25° 13' 11.92" N, Long. 87° 43' 30.78" E



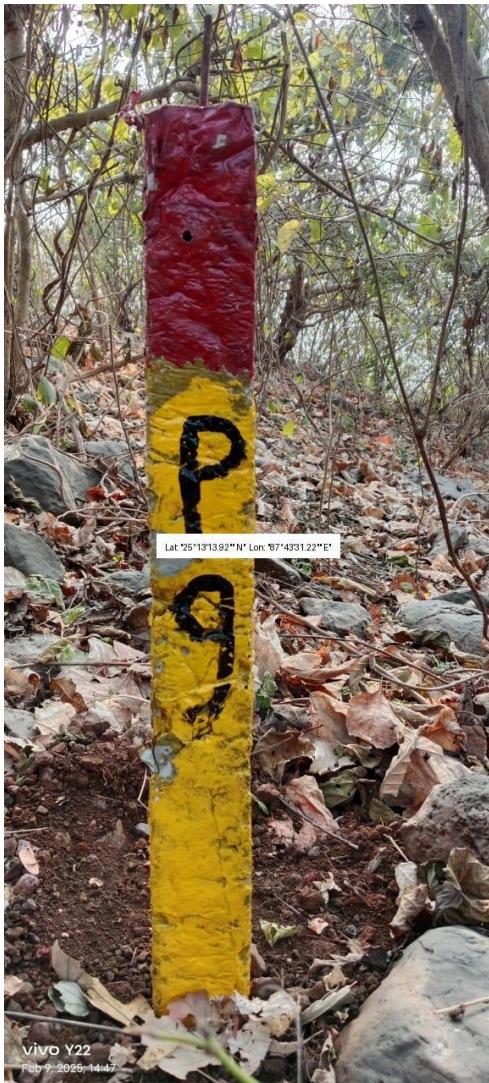
P5 – Lat. 25° 13' 15.31" N, Long. 87° 43' 30.18" E

P6 – Lat. 25° 13' 14.24" N, Long. 87° 43' 30.47" E



P7 – Lat. 25° 13' 14.45" N, Long. 87° 43' 31.90" E

P8 – Lat. 25° 13' 11.90" N, Long. 87° 43' 30.00" E



P9 – Lat. 25° 13' 13.92" N, Long. 87° 43' 31.22" E

P10 – Lat. 25° 13' 12.33" N, Long. 87° 43' 30.58" E



P11 – Lat. 25° 13' 13.76" N, Long. 87° 43' 31.96" E

P12 – Lat. 25° 13' 16.88" N, Long. 87° 43' 31.26" E

कार्यालय :- वन प्रमंडल पदाधिकारी साहेबगंज वन प्रमंडल साहेबगंज।

E-Mail - sbgforest@gmail.com Ph. No. - 06436-222065

पत्रांक :- साहेबगंज / दिनांक :-

पेशक,

वन प्रमंडल पदाधिकारी,
साहेबगंज वन प्रमंडल,
साहेबगंज।

सेवा भै,

सदरा सूचित,
आरण्डल राज्य प्रदूषण नियंत्रण पर्वद,
धूर्वा रौंची।

विषय :- वन क्षेत्र/वनगूमि की दूरी से संबंधित प्रमाण-पत्र निर्गत करने के संबंध में।

प्रसंग :- वन क्षेत्र पदाधिकारी, राजमहल दामिन प्रक्षेत्र, तालझारी का पत्रांक-115 दिनांक-08.12.2015

गहाशय,

उपर्युक्त विषयक संदर्भ में सूचित करना है कि मेसर्स विद्यार्थी स्टोन वर्क्स, प्रौद्योगिकी पाण्डेय, ग्राम - गदवा, जिला-साहेबगंज के प्रस्तावित स्थल मौजा - गदवा के दाग नं 0 - 63, 72, 80, रकवा - 11एकड़ में खनन पट्टा हेतु प्रस्तावित है। मेसर्स विद्यार्थी स्टोन वर्क्स द्वारा आवेदन रामर्पित करते हुए अनुरोध किया गया है कि आवेदित स्थल से वन सीमा की दूरी का प्रमाण पत्र निर्गत किया जाए। उक्त आवेदन के आलोक में वन क्षेत्र पदाधिकारी, राजमहल दामिन प्रक्षेत्र, तालझारी से जाच करायी गई है। वन क्षेत्र पदाधिकारी, राजमहल दामिन प्रक्षेत्र, तालझारी ने अपने जांचोंपरान्त 35पर्सेंट 115 पत्रांक-08.12.2015 द्वारा सूचित किया है कि खनन पट्टा की दूरी वन सीमा से 421 (गार रौंची) मीटर है तथा 10किमी 0 तक नेशनल पार्क, अम्यारण्य एवं घोषित जैव विविधता क्षेत्र नहीं है।

अभियानित
जिला खनन पदाधिकारी
साहेबगंज

विश्वासभाजन,

40/-

वन प्रमंडल पदाधिकारी,

साहेबगंज वन प्रमंडल,

साहेबगंज।

ज्ञापनक - 22.6 दिनांक - 11/12/2015

प्रतिलिपि :- 1. वन क्षेत्र पदाधिकारी, राजमहल दामिन प्रक्षेत्र, तालझारी।

2. मेसर्स विद्यार्थी स्टोन वर्क्स, प्रौद्योगिकी पाण्डेय, ग्राम -

गदवा, जिला-साहेबगंज को सूचनार्थ प्रेषित।


वन प्रमंडल पदाधिकारी,
साहेबगंज वन प्रमंडल,
प्रौद्योगिकी पाण्डेय
11/12/2015

● Inspection Report of Distance from Forest, Forest Reserve and Sanctuary

Organization Name : VIDYARTHI STONE WORKS
Name of Proprietor : SRI PARMANAND PANDEY
Location of proposed Land : GADWA **Contact** : 8010066110
District : SAHIBGANJ **Name of Bunglow** : MAHARAJPUR
Name of the Circle : TALJHARI **Plot/Khesra No.:-** 63,72,80
Bunglow/ Thana No : 11
Khata No : 55,25,07

S.L.	Check Point	Divisional Forest Office	Range Forest Officer
1	Whether Distance of Project location from Reserved Forest/Protected Forest is more than 250 m? *	-	-
2	Whether Project location come under No Mining Zone? *	-	-
3	Does there any National park located within 10 km from project location? *	No	No
4	Does there any Wildlife sanctuary located within 10 km distance from project location? *	No	No
5	Does there any ESZ available within 10 km distance from project location? *	No	No
6	Whether Proposed project comes under prohibited category of ESZ (Yes or No)? *	No	No

क्र0स0-1 एवं 2 भूमि की प्रकृति एवं वनभूमि से दूरी संबंधित वॉचिट सूचना साहेबगंज वन प्रमंडल, साहेबगंज से प्राप्त करें।

क्र0स0-3 से 6 के संदर्भ में प्रतिवेदित करना है कि प्रस्तावित परियोजना हेतु आवेदित स्थल Battery Point (25°13'16"N 87°43'23"E) से निकटतम संरक्षित क्षेत्र (Protected Area) उधवा पक्षी आश्रयणी अवस्थित है। तथा वन, पर्यावरण एवं जलवायु परिवर्तन मंत्रालय भारत सरकार द्वारा उधवा पक्षी आश्रयणी के अधिसूचित ESZ के सीमा से बाहर अवस्थित है।

Note :- उपरोक्त सूचना आवेदक द्वारा समर्पित अभिलेख एवं GPS Point भारत सरकार द्वारा प्रकाशित ESZ के अधिसूचितना तथा आवेदित स्थल से निकटतम संरक्षित क्षेत्र (Protected Area) के आधार पर दी गयी है।

Division :- SAHIBGANJ FOREST DIVISION, SAHIBGANJ

Letter No. :- 2040

Date of Issue :- 12/10/2023

Signature

Divisional Forest Officer,

वन प्रमंडल सदाधिकारी

Incharge Wildlife Sanctuary,

उधवा (Sahibganj)

प्रभास धनबाद (Sahibganj)

12/10/2023

GOVERNMENT OF JHARKHAND
DEPARTMENT OF MINES & GEOLOGY
DISTRICT MINING OFFICE, SAHIBGANJ

Letter No.....700.....

M/Sahibganj/Date.....22.7.2012

From,

District Mining Officer,
Sahibganj.

To,

Sri Surendra Sai,
At- Ashok Nagar Road No-1/265C,
Argora, Ranchi, Pin- 834002

Subject : Approval of Mining Scheme along and Mine Closure M/s Vidyarthi Stone Work, Prop. Parmanand Pandey- At- N.S. Colony, Po- Sahibganj, Ps- Jirbabari, District- Sahibganj, Mouza- Gadwa, for Area-11.00 Acres Acres under Rule 34A E of Jharkhand Minor Mineral concession (Amendment)Rule-2004

Sir,

In exercise of the powers conferred by Rules Rule 34D of Jharkhand JMMC(Amendment) 2014. I hereby approve the above said Mine Plan including Progressive Mine Closure Plan. And Scheme of Mining in respect of Mining Plan submitted under Rule 34C(1) and 34E(1) This approval is subject to the following conditions.

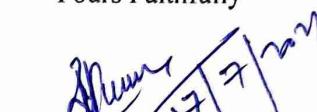
1. This Mining Plan including Progressive Mine Closure Plan is approved without prejudice to any laws applicable to the mine/lease area from time to time whether made by the Central Government, the State Government or any other Authority.
2. This Mining Plan including Progressive Mine Closure Plan is approved without prejudice to any order or direction from any court of competent jurisdiction.
3. It is clarified this approval of Mining Plan including Progressive Mine Closure Plan does not, in any way, imply the approval of Government in terms of any other laws including the Forest (Conservation) Act. 1980 Environment (Protection) Act 1986 and the rules made there under.
4. The provision of the Mines Act, 1952 and Rules and Regulations made thereunder including submission of notice of opening appointment of manager and other statutory officials as required by the Mines Act. 1952 shall be complied with.
5. The execution of Mining plan including progressive Mine Closure plan shall be subjected to vacations of prohibitory order/notice, if any.
6. The approval of mining operations and associated activities is restricted to the mining lease area only. The mining lease area is as shown on the statutory plans under rules 28 of Mineral Conservation and Development Rule, 1988 by the lessee/RQP/applicant and Directors of Mines, Department of Mines and Geology, Government of Jharkhand, Ranchi had not undertaken verification of the mining lease boundary on the ground.
7. This Department does not undertake any responsibility regarding fixing of boundary pillars on the ground and correctness of the boundaries of the lease area shown on the ground with reference to lease map & other Plans furnished by the applicant/lessee/RQP.
8. if anything is found to be concealed as required by the Mines Act in the contents of Mining Plan including Progressive Mine Closure Plan and the proposals for rectification

has not been made the approval shall be deemed to have been withdrawn with immediate effect.

9. Further, at any stage, if it is observed that the information furnished in the document are incorrect or misleading or wrong, the approval of the document shall revoked with immediate effect.
10. The approval is restricted in proposal given in the document for the period given therein. The financial assurance shall be submitted at the time of execution of lease deed as per modal guideline issued by IBM for Minor Mineral Conservation and Development Rule 2010.
11. This Mining Scheme valid up to 16.07.2026

Encl- (I) Copy of the approved Miining Scheme

Yours Faithfully

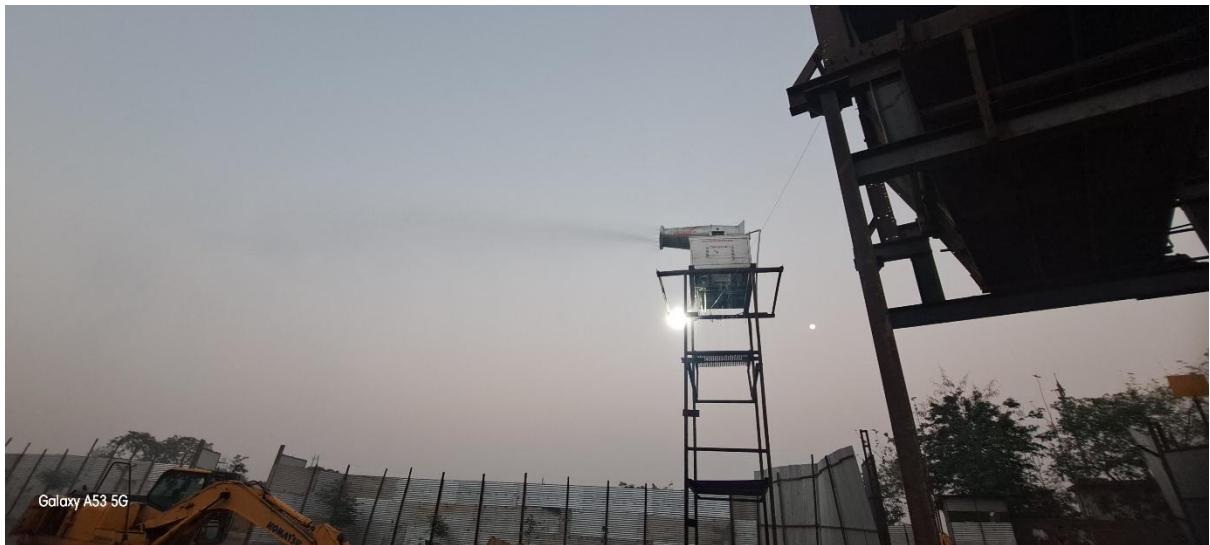


District Mining Officer,
Sahibganj, Jharkhand















Form 59

[See rules 115 (2)]

Pollution Under Control CertificateAuthorised By :
Government of JharkhandDate : **18/11/2025**
Time : **12:27:25 PM**
Validity upto : **17/05/2026**

Certificate SL. No. : JH00400170047676
 Registration No. : JH18A3044
 Date of Registration : 26/Sep/2005
 Month & Year of Manufacturing : September-2005
 Valid Mobile Number : *****2064
 Emission Norms : BHARAT STAGE II
 Fuel : DIESEL
 PUC Code : JH0040017
 GSTIN :
 Fees : Rs.300.00
 MIL observation : No

Vehicle Photo with Registration plate
60 mm x 30 mm**JH-18A
3044**

Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
Smoke Density	Lambda	-	1 ± 0.03	
	Light absorption coefficient	1/metre	2.45	0.47

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.panvahan.gov.in>Authorised Signature with stamp of PUC Operator
60mm x 20 mm

Form 59

[See rules 115 (2)]

Pollution Under Control CertificateAuthorised By :
Government of JharkhandDate : **18/11/2025**
Time : **12:25:59 PM**
Validity upto : **17/05/2026**

Certificate SL. No. : JH00400170047675
 Registration No. : JH18M2423
 Date of Registration : 24/Nov/2017
 Month & Year of Manufacturing : October-2017
 Valid Mobile Number : *****2064
 Emission Norms : BHARAT STAGE III
 Fuel : DIESEL
 PUC Code : JH0040017
 GSTIN :
 Fees : Rs.300.00
 MIL observation : No

Vehicle Photo with Registration plate
60 mm x 30 mm

Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
Smoke Density	Lambda	-	1 ± 0.03	
	Light absorption coefficient	1/metre	2.45	0.58

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parivahan.gov.in>Authorised Signature with stamp of PUC Operator
60mm x 20 mm

Form 59

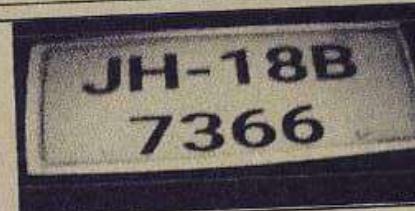
[See rules 115 (2)]

Pollution Under Control CertificateAuthorised By :
Government of Jharkhand

Date : **18/11/2025**
 Time : **12:40:55 PM**
 Validity upto : **17/05/2026**

Certificate SL. No. : JH00400170047679
 Registration No. : JH18B7366
 Date of Registration : 02/Dec/2011
 Month & Year of Manufacturing : October-2011
 Valid Mobile Number : *****2064
 Emission Norms : BHARAT STAGE III
 Fuel : DIESEL
 PUC Code : JH0040017
 GSTIN :
 Fees : Rs.300.00
 MIL observation : No

Vehicle Photo with Registration plate
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
Smoke Density	Lambda	-	1 ± 0.03	
	Light absorption coefficient	1/metre	2.45	0.67

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parivahan.gov.in>

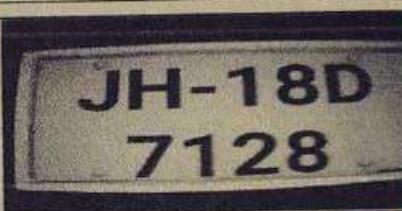
Authorised Signature with stamp of PUC Operator
60mm x 20 mm

Form 59

[See rules 115 (2)]

Pollution Under Control CertificateAuthorised By :
Government of JharkhandDate : **18/11/2025**
Time : **12:30:12 PM**
Validity upto : **17/05/2026**

Certificate SL. No. : JH00400170047678
 Registration No. : JH18D7128
 Date of Registration : 28/Feb/2015
 Month & Year of Manufacturing : October-2014
 Valid Mobile Number : *****2064
 Emission Norms : BHARAT STAGE III
 Fuel : DIESEL
 PUC Code : JH0040017
 GSTIN :
 Fees : Rs.300.00
 MIL observation : No

Vehicle Photo with Registration plate
60 mm x 30 mm

Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
Smoke Density	Lambda	-	1 ± 0.03	
	Light absorption coefficient	1/metre	2.45	0.49

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parivahan.gov.in>Authorised Signature with stamp of PUC Operator
60mm x 20 mm

Form 59

[See rules 115 (2)]

Pollution Under Control CertificateAuthorised By :
Government of JharkhandDate : **18/11/2025**
Time : **12:28:58 PM**
Validity upto : **17/05/2026**

Certificate SL. No. : JH00400170047677
 Registration No. : JH18D3861
 Date of Registration : 28/Feb/2015
 Month & Year of Manufacturing : October-2014
 Valid Mobile Number : *****2064
 Emission Norms : BHARAT STAGE III
 Fuel : DIESEL
 PUC Code : JH0040017
 GSTIN :
 Fees : Rs.300.00
 MIL observation : No

Vehicle Photo with Registration plate

60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
Smoke Density	Lambda	-	1 ± 0.03	
	Light absorption coefficient	1/metre	2.45	0.52

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parivahan.gov.in>Authorised Signature with stamp of PUC Operator
60mm x 20 mm

Form 59

[See rules 115 (2)]

Pollution Under Control CertificateAuthorised By :
Government of JharkhandDate : **18/11/2025**
Time : **12:44:22 PM**
Validity upto : **17/05/2026**

Certificate SL. No. : JH00400170047680
 Registration No. : JH18B7365
 Date of Registration : 02/Dec/2011
 Month & Year of Manufacturing : December-2011
 Valid Mobile Number : *****2064
 Emission Norms : BHARAT STAGE III
 Fuel : DIESEL
 PUC Code : JH0040017
 GSTIN :
 Fees : Rs.300.00
 MIL observation : No

Vehicle Photo with Registration plate

60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
Smoke Density	Lambda	-	1 ± 0.03	
	Light absorption coefficient	1/metre	2.45	0.54

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parivahan.gov.in>Authorised Signature with stamp of PUC Operator
60mm x 20 mm



Ministry of Health and Family Welfare, Government of India

Acknowledges that Mr. / Ms / Dr / M/s VIDYARTHI STONE WORKS

with an id 307044459 has registered as a Ni-Kshay Mitra under the 'Pradhan Mantri TB Mukt Bharat Abhiyaan' to provide support to Persons with TB undergoing treatment.

Your valuable support will help the country in eliminating TB from India.



Deputy Director General-TB

CSR ACTIVITIES

Period: 01ST October 2024 to 31ST March 2025

Sl. No.	Details	Amount Spent in Rs.
1	Boring	918,547.00
2	Disease Prevention	90,0000.00
3	Akshay Patr	30,000.00
4	Kambal	220,000.00
5	Pucca Road	508,050.00
Total Expenses		Rs. 17,66,597.00

1. Boring

SN	GSTIN of supplier	Trade/Legal name	Invoice Details		
			Invoice number	Invoice Date	Invoice Value(₹)
1	19AJFPI4123A1ZS	H R ENTERPRISES	244	09-10-2024	45312
2	19AJFPI4123A1ZS	H R ENTERPRISES	245	10-10-2024	45312
3	19AJFPI4123A1ZS	H R ENTERPRISES	246	14/10/2024	38213
4	19AJFPI4123A1ZS	H R ENTERPRISES	270	11-11-2024	27140
5	19AJFPI4123A1ZS	H R ENTERPRISES	335	24/12/2024	29612
6	19AJFPI4123A1ZS	H R ENTERPRISES	346	30/12/2024	39373
7	19AJFPI4123A1ZS	H R ENTERPRISES	347	31/12/2024	31671
8	19AJFPI4123A1ZS	H R ENTERPRISES	372	24/01/2025	139889
9	19AJFPI4123A1ZS	H R ENTERPRISES	373	24/01/2025	94629
10	19AJFPI4123A1ZS	H R ENTERPRISES	387	28/01/2025	14396
11	20OASPS9993A1ZV	BOBY SINGH	4	27/04/2025	215409
12	20OASPS9993A1ZV	BOBY SINGH	5	28/04/2025	197591
			TOTAL		918547

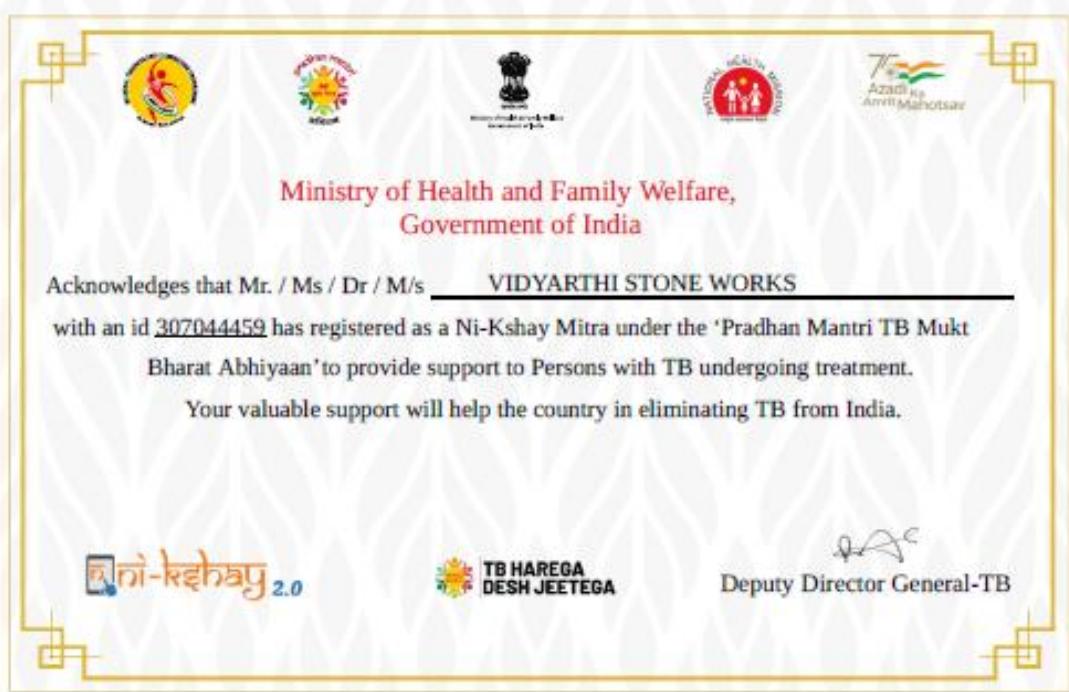


2. Disease Prevention

5 TB patients were adopted and given Rs 3000 per month for medicines, fruits and other healthy food so that they can recover quickly, the chart is as follows:

SL N	MONTH	PATIENT 1	PATIENT 2	PATIENT 3	PATIENT 4	PATIENT 5
1	OCT 24	3000	3000	3000	3000	3000
2	NOV 24	3000	3000	3000	3000	3000
3	DEC 24	3000	3000	3000	3000	3000
4	JAN 25	3000	3000	3000	3000	3000
5	FEB 25	3000	3000	3000	3000	3000
6	MAR 25	3000	3000	3000	3000	3000
7	TOTAL	18000	18000	18000	18000	18000

TOTAL 90000.00



3. Donation of Akshaya Patra Foundation

AKSHAY PATR DONATION		
SL NO	AMMOUNT	DATE
1	1100	3.2.25
2	1100	3.4.25
3	1100	6.12.24
4	1100	13.12.24
5	1100	14.10.24
6	1100	18.10.24
7	1100	16.11.24
8	1100	20.11.24
9	1100	21.2.25
10	1100	31.3.25
11	1100	6.12.24
12	1200	13-8-24
13	1200	26.3.25
14	2000	23.5.24
15	3000	18.5.24
16	3100	28-4-24
17	3200	4.8.24
18	4500	13.4.24
TOTAL	30300	

4. Kambal

SL NO	MEMO NO	DATE	QUANTITY	RATE	TOTAL
1	284	10.1.25	500	275	137500
2	300	12.1.25	300	275	82500
		TOTAL	800	275	220000

Mob.- 8210066110

कमल कलांथ
कॉलेज रोड, चैती दुर्गा मंदिर के निकट,
साहेबगंज - 816109 (झारखण्ड)

नं० 300 दिनांक. 12.1.25

नाम: विद्याली देवी पात्र
पता: २०८०, सकटीगांव, हारिहरपुर

क्र०	विवरण	मात्रा	दर	रकम
1	कमल	300	275	82500
				कुल- 82500.00
				रकम शब्दों में. एक हारिहरपुर पात्र पात्र 82500.00
				हस्ताक्षर

Mob.- 8210066110

कमल कलांथ
कॉलेज रोड, चैती दुर्गा मंदिर के निकट,
साहेबगंज - 816109 (झारखण्ड)

नं० 284 दिनांक. 10.1.25

नाम: विद्याली देवी पात्र
पता: २०८०, सकटीगांव, हारिहरपुर

क्र०	विवरण	मात्रा	दर	रकम
1	कमल	500	275	137500.00
				कुल- 137500.00
				रकम शब्दों में. एक हारिहरपुर पात्र पात्र 137500.00
				हस्ताक्षर



5. Pucca Road

SN	GSTIN of supplier	Trade/Legal name	Invoice Details		
			Invoice number	Invoice Date	Invoice Value(₹)
31	20AFKPJ3079F1ZP	PRATHAM ENTERPRISE	2352/24-25	23/10/2024	110092
13	20AFKPJ3079F1ZP	PRATHAM ENTERPRISE	2781/24-25	21/11/2024	49074
24	20AFXPP9246H1ZX	SHREE PODDAR STEELS	2745	30/11/2024	12219
11	20AFKPJ3079F1ZP	PRATHAM ENTERPRISE	3704/24-25	08-02-2025	136475
36	20AYBPB8466A1Z4	M/S BHAGAT ENTERPRISES	BE/B2B/24-25/102	08-01-2025	40038
37	20AYBPB8466A1Z4	M/S BHAGAT ENTERPRISES	BE/B2B/24-25/104	09-01-2025	40038
38	20AYBPB8466A1Z4	M/S BHAGAT ENTERPRISES	BE/B2B/24-25/105	10-01-2025	40038
39	20AYBPB8466A1Z4	M/S BHAGAT ENTERPRISES	BE/B2B/24-25/107	11-01-2025	40038
40	20AYBPB8466A1Z4	M/S BHAGAT ENTERPRISES	BE/B2B/24-25/108	12-01-2025	40038

TOTAL

508050



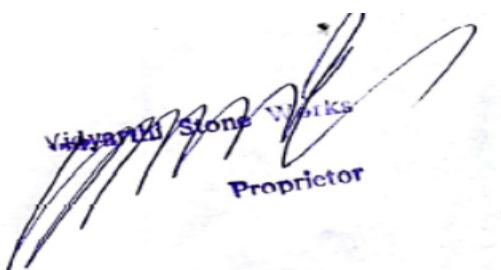
ग्राम सभा

दिनांक:- 30.09.2017

विषय:- हमारी परियोजना मेसर्स विधार्थी स्टोन वर्क्स, ग्राम-गदवा, पी.एस.: तालझारी, जिला-साहेबगंज, राज्य-झारखंड के पर्यावरण मंजूरी प्रमाण पत्र प्रस्तुत करने के संबंध में।

महोदय,

उपर्युक्त विषय के सम्बन्ध में हमें आपको सूचित करना है कि हमारे प्रतिष्ठान मेसर्स विधार्थी स्टोन वर्क्स, मौज़ा:- गदवा, थाना:- तालझारी पो.सकरीगली, जिला:- साहेबगंज को पत्थर खादान के लिए 600 टीपीडी तक उत्पादन के लिए झारखंड पर्यावरण मंजूरी बोर्ड द्वारा पर्यावरण मंजूरी प्रमाण पत्र EC/DEIAA/2017-18/241, दिनांक 13 सितम्बर 2017 को मिल गई है। पर्यावरण मंजूरी की एक ज़ेरॉक्स प्रति आपके अवलोकन और आवश्यक सहायता के लिए संलग्न है।



Vaishnavi Stone Works
Proprietor

पं०, नं०।

ग्राम सभा में उपस्थित लोग के हस्ताक्षर

प्रधान का हस्ताक्षर

सामु प्राईवे बैंक ऑफ इंडिया

कुमार दहड़ी पा र्वाति फ्लाइन

From V
(See Rule 14)

Environmental Statement for the financial year ending the 31st March 2025,

PART-A

- 1) Name & Address of the Owner /Occupier: Proprietor -M/s Vidyarthi Stone Works, Occupier Name - Prashant Pandey, Add - Mauza - Gadwa, Khata No. - 55,25,07 Plot No. - 63/P,72,80, P.S.- Taljhari, Dist. - Sahebganj, Jharkhand.
- 2) Industry category (SSI Code): **Stone Mining**
- 3) Production capacity (Units): **Stone Boulder – 600 TPD**
- 4) Date of the last environmental statement submitted: **Submitting First time**
- 5) Year of establishment: **04.05.2018**

PART- B

Water and Raw Materials Consumption

(1) Water consumption per day	: 3.0 KLD
Process	: Nil
Cooling	: 2.0 KLD
Domestic	: 1.0 KLD

Name of the Products	Process water consumption per unit of Product output	
	During the previous Financial year (2023-2024) year(2024-25)	During the current Financial
(i) Stone Boulder	Nil	Nil
<hr/>		
(ii) Raw Material Consumption		
Name of Material Name of Product	Consumption of raw material per Unit of product output	
	During the previous Financial year (2023-2024)	During the current Financial year(2024-2025)
This is mining project, so raw material is not required. Here the Basalt Rock produced from the mine is the raw material for other industrial product.		
Stone Boulder	Stone Boulder	144600 T
		93600 T
<hr/>		
Industry May use code if discharge details of Raw Materials would violate contractual obligation, otherwise and industries have to name the raw materials.		

Prashant Pandey
Vidyarthi Stone Works
Proprietor

PART-C

Discharged in the Environment unit Output
(Parameter as certified in the consent issued)

1. Pollutants	Quantity of pollutants discharged (Mass/day) Std.	concentrations of pollution in discharged (mg/m ³)	Variation from prescribed with reasons
(a)	Water <i>Zero Industrial Effluent</i> <i>NA Discharge maintained</i> <i>With recycling</i>		NA
(b)		Air <i>Within Norms</i> <i>Monitoring reports</i> <i>NA Enclosed</i>	

PART-D

(As specified under Hazardous Waste/Management and Handling Rules,1989)

Hazardous Waste	Total Quantity (Kg.)	
	During the previous year(2023-2024)	During the current financial year(2024-25)
(a) From Process (Used Oil)	Nil	Nil
(b) From pollution Control Facilities-	Nil	Nil

PART-E
Solid Waste

	Total Quantity (Kg.)	
	During the previous Financial year (2023-2024)	During the current Financial year(2024-2025)
(a) From Process OB Waste	Nil	Nil
(b) From Pollution Control Facilities	Nil	Nil
(c) Quantity recycled or re-utilized Within the unit – OB Waste backfilled within the exhausted quarry after the end of mine.		
Disposed -	Nil	Nil


Pratik Patel
 Vidyarthi Stone Works
 Proprietor

PART-F

Please specify the characterization (in the term of consumption and quantity) of Hazardous as well as solid waste and disposal practice adapted for both these Categories of waste.

Hazardous Waste - Used Oil – Nil

OB Waste backfilled within the exhausted quarry after the end of mine.

PART-G

Impact of the pollution abatement measures taken on conservation of natural resource and on production

This work zone environment is maintained and hence efficiency of workers improved.

PART-H

Additional measures/ investment proposal for environmental protection including abatement of pollution, prevention of pollution.

Plantation done and continued.

PART-I

Any other particulars for improving the quantity of the environment.

“Tree plantation has been done and maintained properly, Water spraying is done when and where required. Further plantation is being carried out in the plant premises.”

Dwarka D. Dey
Vidyarthi Stone Works
Proprietor