



सत्यमेव जयते

File No.: OL/REAPP\_EC/MIN/MDS/2199  
Government of India  
Ministry of Environment, Forest and Climate Change  
(Issued by the State Environment Impact Assessment Authority(SEIAA),  
CHHATTISGARH)

\*\*\*



Dated 02/02/2026



To,

Mr. Hirendra Sahu  
M/s Barbaspur Limestone Quarry  
Village - Barbaspur, Tehsil & District - Mahasamund, Chhattisgarh  
ec.hirendra21@gmail.com

**Subject:** Grant of prior Environmental Clearance (EC) for mining of Flagstone (Minor Minerals) capacity – 934 cum/year (2,335 TPA) in khasra no. 177 & 186/2 (part), Area- 0.56 Hectare at Village - Barbaspur, Tehsil - Mahasamund, District - Mahasamund, Chhattisgarh under the provision of the EIA Notification 2006-regarding

**Sir/Madam,**

This is in reference to your application submitted to SEIAA vide proposal number SIA/CG/MIN/475383/2024 dated 06/08/2024 for grant of prior Environmental Clearance (EC) to the project under the provision of the EIA Notification 2006-and as amended thereof.

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC24B0108CG5659640N
(ii) File No.	OL/REAPP_EC/MIN/MDS/2199
(iii) Clearance Type	Fresh EC
(iv) Category	B1
(v) Project/Activity Included Schedule No.	1(a) Mining of minerals
(vii) Name of Project	M/s Barbaspur Limestone Quarry, Pro. - Mr. Hirendra Sahu
(viii) Location of Project (District, State)	MAHASAMUND, CHHATTISGARH
(ix) Issuing Authority	SEIAA
(x) Applicability of General Conditions	No

It is noted that original application is for mining of Flagstone (Minor Minerals) capacity – 934 cum/year (2,335 TPA). After deliberation, SEIAA unanimously accepted the recommendation of SEAC-2 and decided to grant Environmental Clearance for mining of Flagstone (Minor Minerals) capacity – 934 cum/year (2,335 TPA) in khasra no. 177 & 186/2 (part), Area- 0.56 Hectare at Village - Barbaspur, Tehsil - Mahasamund, District - Mahasamund, Chhattisgarh under the

3. This Environment Clearance is for mining of Flagstone (Minor Minerals) capacity – 934 cum/year (2,335 TPA) in khasra no. 177 & 186/2 (part), Area- 0.56 Hectare at Village - Barbaspur, Tehsil - Mahasamund, District - Mahasamund, Chhattisgarh.
4. In view of the particulars given in the Para 1 above, the project proposal interalia including Form-1 (Part A, B and C)/ EIA & EMP Reports were submitted to the SEIAA under the provision of EIA notification 2006 and its subsequent amendments.
5. The above-mentioned proposal has been considered by State Environment Impact Assessment Authority (SEIAA) in the meeting held on 07/01/2026. The minutes of the meeting and all the Application and documents submitted are available on PARIVESH portal which can be accessed by scanning the QR Code above.
6. Details of the minerals to be mined along with production capacity and the brief on the salient features of the project as submitted by the project proponent in Form 1 (Part A, B and C) presented are annexed to this EC as Annexure (1).
7. The SEAC, in its meeting held on 16/10/2025, based on information & clarifications provided by the project proponent and after detailed deliberations on all technical aspects and public hearing issues and compliance thereto furnished by the Project Proponent, recommended the proposal for grant of Environment Clearance under the provision of EIA Notification, 2006 and as amended thereof subject to stipulation of Specific and Standard EC conditions as detailed in the point below.
8. The SEIAA has examined the proposal in accordance with the Environment Impact Assessment (EIA) Notification, 2006 & further amendments thereto and after accepting the recommendations of the SEAC and hereby decided to grant Environment Clearance for the instant proposal under the provisions of EIA Notification, 2006 and as amended thereof subject to compliance of the Specific and Standard EC conditions as given in Annexure (2).
9. The Ministry reserves the right to stipulate additional conditions, if found necessary.
10. The Environmental Clearance to the aforementioned project is under provisions of EIA Notification, 2006. It does not tantamount to approvals/consent/permissions etc. required to be obtained under any other Act/Rule/regulation. The Project Proponent is under obligation to obtain approvals /clearances under any other Acts/ Regulations or Statutes, as applicable, to the project.
11. The PP is under obligation to implement commitments made in the Environment Management Plan, which forms part of this EC.
12. General Instructions:
  1. The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of SEIAA website where it is displayed.
  2. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn must display the same for 30 days from the date of receipt.
  3. The project proponent shall have a well laid down environmental policy duly approved by the Board of Directors (in case of Company) or competent authority, duly prescribing standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions.
  4. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the project proponent (during construction phase) and authorized entity mandated with compliance of conditions (during operational phase) shall be prepared. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Six monthly progress of implementation of action plan shall be reported to the Ministry/Regional Office along

with the Six-Monthly Compliance Report.

5. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
6. The Regional Office of this SEIAA shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
7. Any appeal against this EC 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.

13. This issue with an approval of the Competent Authority.

### **Copy To**

#### **S.No. Address**

- 1 Director, Ministry of Environment, Forest and Climate Change, Prithvi Wing, 2nd Floor, Indira Paryavaran Bhawan, Jorbagh Road, New Delhi - 100003
- 2 Integrated Regional Office RAIPUR, MoEF&CC , Govt. of India , Ground Floor, Aranya Bhawan, North Block, Sector- 19,Naya Raipur, Atal Nagar, Chhattisgarh – 492002
- 3 Director, Directorate of Geology and Mining, Chhattisgarh, Indravati Bhavan, Block-4, Second Floor, Nawa Raipur Atal Nagar, Chhattisgarh India
- 4 Member Secretary, Chhattisgarh Environment Conservation Board, Paryavas Bhawan, Sector-19, Nava Raipur Atal Nagar, District-Raipur (Chhattisgarh)
- 5 Member Secretary, Central Ground Water Board, West Block-2, Wing-3, Ground Floor, Sector-1, R.K.Puram, New Delhi - 110066
- 6 Collector, Office of the Collector, Mahasamund, District- Mahasamund (C.G.) for information and necessary action.
- 7 Regional Officer, Regional Office, Chhattisgarh Environment Conservation Board, Raipur for information and necessary action.

**Annexure 1**

#### **Specific EC Conditions for (Mining Of Minerals)**

##### **1. Specific Condition**

<b>S. No</b>	<b>EC Conditions</b>
<b>1.1</b>	<ol style="list-style-type: none"><li>1. <b>The Project proponent shall complete the restoration of the excavated 7.5 meter wide safety area of the mine as per the revised mining plan.</b></li><li>2. <b>Project Proponent shall do the plantation in the restored area.</b></li><li>3. <b>Compliance of the above conditions is mandatory. If these conditions are not complied within 1 year, the concerned RO, CECB shall take necessary action against the mine owner which may also include the closure of the mining operations.</b></li></ol>

#### **Standard EC Conditions for (Mining of minerals)**

**1.**

S. No	EC Conditions
1.1	<p><b>Additional EC Conditions :-</b></p> <ol style="list-style-type: none"> <li>1. No excavation work shall be done in the future in 7.5 meter wide safety zone all around the mine lease area.</li> <li>2. Top soil shall be properly stored and preserved for reclamation of mine lease area and for plantation.</li> <li>3. Dense plantation of trees (260 nos) on the 7.5 meter wide safety zone around mine lease area (area restricted for excavation) and ensuring a 90 percent survival rate of the planted plants if 7.5 meter wide safety zone is excavated &amp; not possible to restore the excavated part of safety zone then PP shall ensure plantation shall be done in adjoining own land/ consented land.</li> <li>4. The project proponent shall complete plantation in 7.5 meter wide safety zone with in 1 year from issue date of environment clearance.</li> <li>5. The project proponent shall complete restoration of excavated part of 7.5 meter wide safety zone within 1 year from issue date of environment clearance.</li> <li>6. Regular water sprinkling arrangements in the mine lease area and also in haul road to control the fugitive dust emissions.</li> <li>7. Employment provided to the local people under the Chhattisgarh Model Rehabilitation Policy.</li> <li>8. Project proponent shall ensure that any kind of contaminated water (if generated) shall not flow into the natural water source, pond, river, drain under any circumstances.</li> <li>9. There should be regular monitoring of the mining activities in the State to ensure effective compliance of stipulated EC conditions and of the provisions under the Minor Mineral Concessions Rules framed by the State Government.</li> <li>10. Project proponent shall ensure that mining operation shall be carried out after sunrise and before sunset.</li> <li>11. The pollution load due to transportation on the environment shall be effectively controlled and water sprinkling shall also be done regularly.</li> <li>12. Project proponent shall ensure that the construction of boundary pillars as per Mineral Concession Rules, 1960 (as amended).</li> <li>13. The mineral transportation shall be carried out through covered trucks only and the vehicles carrying the mineral shall not be overloaded.</li> <li>14. Project proponent shall ensure at the time of closure of mine the whole pit will be reclaimed by overburden/ topsoil etc. and do native tree species plantation.</li> <li>15. The project proponent shall ensure that work proposed in CEMP is completed in six months from issue date of EC.</li> <li>16. Project proponent shall submit Completion certificate of proposed work under CER activities, CEMP, 7.5 meter wide safety barrier plantation along with Geotag photographs in six monthly compliance report.</li> </ol> <p><b>Standard EC conditions :-</b> Statutory compliance:</p>

S. No	EC Conditions
	<ol style="list-style-type: none"> <li>1. The Environmental clearance shall be subject to orders issued by the Hon'ble Supreme Court of India, Hon'ble High Courts, NGT and any other Court of Law, from time to time, and as applicable to the project.</li> <li>2. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.</li> <li>3. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.</li> <li>4. The project proponent shall prepare a Site-Specific Conservation Plan &amp; Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report (in case of the presence of schedule-I species in the study area).</li> <li>5. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention &amp; Control of Pollution) Act, 1981 and the Water (Prevention &amp; Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.</li> <li>6. The project proponent shall obtain the necessary permission from the Central Ground Water Authority or competent authority for usage of water.</li> <li>7. Solid/hazardous waste generated in the mines needs to addressed in accordance to the Solid Waste Management Rules, 2016/Hazardous &amp; Other Waste Management Rules, 2016.</li> <li>8. Permission of power supply to be taken from the concerned authority for meeting power demand of the project site.</li> <li>9. The maximum production or peak production at any given time shall not exceed 934 cum/year (2,335 TPA) applied capacity.</li> <li>10. The Project Proponent shall inform the MoEF&amp;CC for any change in ownership of the mining lease. In case there is any change in ownership or mining lease is transferred. PP needs to apply for transfer of EC as per provisions of the para 11 of EIA Notification, 2006 as amended from time to time.</li> <li>11. Validity of EC is 30 years from lease execution date (i.e. 23/06/2000 to 22/06/2030) as per EIA Notification, 2006 and its amendments therein.</li> </ol> <p>Air quality monitoring and mitigation measure:</p> <ol style="list-style-type: none"> <li>1. Ambient air quality monitoring shall be conducted once in a year in the core zone as well as in the buffer zone for monitoring of pollutants, namely particulates, SO<sub>2</sub> and NO<sub>x</sub>. Location of the stations shall be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive receptors. The report shall be submitted to the SEIAA, C.G./ SEAC, C.G.</li> <li>2. The Ambient Air Quality monitoring in the core zone shall be carried out. Data on</li> </ol>

S. No	EC Conditions
	<p>ambient air quality and heavy metals such as Hg, As, Ni, Cd, Cr and other monitoring data shall be regularly reported to the Ministry/Regional Office and to the CPCB/SPCB.</p> <ol style="list-style-type: none"> <li>3. Transportation of minerals, to the extent if permitted by road, shall be carried out by covered trucks. Effective control measures such as regular water sprinkling etc., shall be carried out in critical areas prone to air pollution with higher level of particulate matter all through the transport roads, loading/unloading and transfer points. Fugitive dust emissions from all sources shall be controlled regularly. It shall be ensured that the ambient air quality parameters conform to the norms prescribed by the Central/State Pollution Control Board.</li> <li>4. Major approach roads shall be properly maintained.</li> <li>5. PP to install solar lights along the road used for transportation to avoid the accidents at night and also seek its maintenance.</li> <li>6. The transportation of mineral shall be carried out as per the provisions and route proposed in the approved mining plan. Road passing through any village shall be avoided. In case, it is proposed to construct a 'bypass' road, it should be so constructed that the impact of sound, dust and accidents could be appropriately mitigated.</li> <li>7. Vehicular emissions shall be kept under control and regularly monitored. All the vehicles engaged in mining and allied activities shall operate only after obtaining 'PUC' certificate from the authorized pollution testing centers.</li> <li>8. Water sprinkling arrangement shall be provided to reduce the impact of air pollution.</li> <li>9. Post environmental closure third party monitoring by reputed institution in air quality, water, land &amp; soil etc shall be carried out and analyses with EMP measures at regular interval. A suitable recommendation in this regard, shall be furnished to IRO, MoEF&amp;CC for compliance.</li> </ol> <p>Water quality monitoring and mitigation measures:</p> <ol style="list-style-type: none"> <li>1. Regular monitoring of ground water level and quality shall be carried out in and around the mine lease area by establishing a network of existing wells and constructing new piezometers during the mining operations. The monitoring of ground water levels shall be carried out four times a year i.e. pre-monsoon, monsoon, post-monsoon and winter. The ground water quality shall be monitored once a year, and the data thus collected shall be sent regularly to MOEFCC/RO.</li> <li>2. If any river, ponds and lakes close to the mine lease area, monitoring of water quality upstream and downstream of river including ponds, lakes shall be carried out once in six months and record of monitoring data shall be maintained and submitted to the Ministry of Environment, Forest and Climate Change/Regional Office.</li> <li>3. Ground water, excluding mine water, shall not be used for mining operations. Rainwater harvesting shall be implemented for conservation and augmentation of ground water resources.</li> <li>4. The project proponent shall not alter major water channels around the site.</li> </ol>

S. No	EC Conditions
	<p>Appropriate embankment shall be provided along the side of the river/nallah flowing near or adjacent to the mine. The embankment constructed along the river/nallah boundary shall be of suitable dimensions and critical patches shall be strengthened by stone pitching on the river front side, stabilized with plantation so as to withstand the peak water pressure preventing any chance of mine inundation.</p> <ol style="list-style-type: none"> <li>5. Garland drains (of suitable size, gradient and length) around the critical areas i.e. mine shaft and low lying areas, shall be designed keeping at least 50% safety margin over and above the peak sudden rainfall and maximum discharge in the area adjoining the mine sites. The sump capacity shall also provide adequate retention period to allow proper settling of silt material of the surface runoff The water pumped out from the mine, after siltation, shall be utilized for watering the mine area, roads, green belt development etc. The drains shall be regularly desilted particularly after monsoon and maintained properly.</li> <li>6. The water pumped out from the mine, after siltation, shall be utilized for industrial purpose viz. watering the mine area, roads, green belt development etc. The drains shall be regularly desilted particularly after monsoon and maintained properly.</li> <li>7. Adequate groundwater recharge measures shall be taken up for augmentation of ground water. The project authorities shall meet water requirement of nearby village(s) in case the village wells go dry due to dewatering of mine.</li> <li>8. The surface drainage plan including surface water conservation plan for the area of influence affected by the said mining operations shall be prepared, considering the presence of any river/rivulet/pond/lake etc., with impact of mining activities on it, and implemented by the project proponent. The surface drainage plan and/or any diversion of natural water courses shall be as per the provisions of the approved Mining Plan/ EIA-EMP submitted to this Ministry and the same should be done with due approval of the concerned State/GoI Authority. The construction of embankment to prevent any danger against inrush of surface water into the mine should be as per the approved mining plan and as per the permission of DGMS.</li> <li>9. Domestic water shall be providing to the residents/villages which are coming under the zone of influence of the project due to ground water extraction by installing a RO plant.</li> </ol> <p>Noise and Vibration monitoring and prevention:</p> <ol style="list-style-type: none"> <li>1. Adequate measures shall be taken for control of noise levels as per Noise Pollution Rules, 2016 in the work environment. Workers engaged in blasting and drilling operations, operation of HEMM, etc shall be provided with personal protective equipments (PPE) like ear plugs/muffs in conformity with the prescribed norms and guidelines in this regard. Adequate awareness programme for users to be conducted. Progress in usage of such accessories to be monitored.</li> <li>2. The noise level survey shall be carried out as per the prescribed guidelines to assess noise exposure of the workmen at vulnerable points in the mine premises, and report in this regard shall be submitted to the Ministry/RO on six-monthly basis.</li> </ol> <p>Mining Plan:</p>

S. No	EC Conditions
	<ol style="list-style-type: none"> <li>1. Mining shall be carried out under strict adherence to provisions of the Mines Act 1952 and subordinate legislations made there-under as applicable.</li> <li>2. Mining shall be carried out as per the approved mining plan (including Mine Closure Plan) and the relevant circulars issued by Directorate General Mines Safety (DGMS).</li> <li>3. No mining shall be carried out in forest land without obtaining Forestry Clearance as per Forest (Conservation) Act, 1980 and also adhering to The Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 read with provisions of Indian Forest Act, 1927.</li> <li>4. Efforts should be made to reduce energy and fuel consumption by conservation, efficiency improvements and use of renewable energy.</li> </ol> <p>Land Reclamation:</p> <ol style="list-style-type: none"> <li>1. Post-mining land be rendered usable for agricultural/forestry purposes and shall be handed over to the respective State Government, as specified in the Guidelines for Preparation of Mine Closure Plan.</li> <li>2. Regular monitoring of subsidence movement on the surface over and around the working areas and its impact on natural drainage pattern, water bodies, vegetation, structure, roads and surroundings shall be continued till movement ceases completely. In case of observation of any high rate of subsidence beyond the limit prescribed, appropriate effective mitigation measures shall be taken to avoid loss of life and materials. Cracks should be effectively plugged in with ballast and clay soil/suitable material.</li> <li>3. A separate team for subsidence monitoring and surface mitigation measures shall be constituted and continuous monitoring &amp; implementation of mitigation measures be carried out.</li> <li>4. Thorough inspection of the mine lease area for any cracks developed at the surface due to mining activities below ground shall be carried out to prevent inrush of water in the mine.</li> <li>5. Native tree species shall be selected and planted over areas affected by subsidence.</li> <li>6. The project proponent shall make necessary alternative arrangements, if grazing land is involved in core zone, in consultation with the State government to provide alternate areas for livestock grazing, if any. In this context, the project proponent shall implement the directions of Hon'ble Supreme Court with regard to acquiring grazing land.</li> </ol> <p>Public hearing and Human health issues</p> <ol style="list-style-type: none"> <li>1. Adequate illumination shall be ensured in all mine locations (as per DGMS standards) and monitored.</li> <li>2. The project proponent shall undertake occupational health survey for initial and periodical medical examination of the personnel engaged in the project and maintain records accordingly as per the provisions of the Mines Rules, 1955 and DGMS circulars. Besides regular periodic health check-up, 20% of the personnel</li> </ol>

S. No	EC Conditions
	<p>identified from workforce engaged in active mining operations shall be subjected to health check-up for occupational diseases and hearing impairment, if any, as amended time to time.</p> <ol style="list-style-type: none"> <li>3. Personnel (including outsourced employees) working in core zone shall wear protective respiratory devices and shall also be provided with adequate training and information on safety and health aspects.</li> <li>4. Skill training as per safety norms specified by DGMS shall be provided to all workmen including the outsourcing employees to ensure high safety standards in mines.</li> <li>5. Effective arrangement shall be made to provide and maintain at suitable points conveniently situated, a sufficient supply of drinking water for all the persons employed.</li> <li>6. PP to conduct need based assessment survey of the area in order to decide the activities to be carried under the CSR and to provide detail of the activity carried out with adequate budgetary provision and time bound action plan.</li> <li>7. Project proponent shall conduct health checkup facilities twice in a year for the villagers.</li> <li>8. PP must ensure an emergency action plan during pandemic in order to provide assistance to the nearby villages.</li> <li>9. PP to take measure for installation of Renewable Energy sources in nearby area falling within 10 km radius</li> </ol> <p>Corporate Environment Responsibility:</p> <ol style="list-style-type: none"> <li>1. The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/ forest/ wildlife norms/ conditions.</li> <li>2. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.</li> <li>3. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.</li> <li>4. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.</li> <li>5. CER Details :</li> </ol> <p>Project Proponent Proposed combine project plan of CER work (Installation of Rain Water Harvesting) for 3 different nearby mine leases.</p>

S. No	EC Conditions										
	<p>Installation of Rain Water Harvesting shall be done under the provisions of Corporate Environment Responsibility at Govt. Middle School, Village – Beltukdi. The total amount of expenses in the five years will be Rs. 86,000/-.</p> <p>Amount/expense to be incurred by Project proponent for execution of his part in combined proposal of CER work is Rs. 18,000/- (respected to project cost).</p> <table border="1"> <thead> <tr> <th data-bbox="375 387 475 526">Capital Investment (in Lakh Rupees)</th> <th data-bbox="550 387 678 526">Percentage of Investment Spent</th> <th data-bbox="758 387 869 562">of Amount Required to be CER Activities (in Rupees)</th> <th data-bbox="949 387 1141 526">Amount Proposed for Activities (in Lakh Particulars)</th> <th data-bbox="1236 387 1476 598">&amp; Details for CER Allocation (in Lakh Rupees)</th> </tr> </thead> <tbody> <tr> <td data-bbox="438 712 491 741">5.99</td> <td data-bbox="635 712 678 741">2%</td> <td data-bbox="817 712 890 741">0.119</td> <td data-bbox="944 607 1268 813">Following activities Nearby, at Govt. Middle School Village – Beltukdi Installation of Rain Water Harvesting System and Maintenance for 5 Year. Total</td> <td data-bbox="1332 712 1385 846">0.18  0.18</td> </tr> </tbody> </table> <p>6. The project proponent shall form a Tripartite Committee (Mine owner, Representative of District administration / CEGB and Member of Gram panchayat) which will monitor the compliance of Green Belt within the premises, plantation and Corporate Environmental Responsibility activities.</p> <p>Miscellaneous:</p> <ol style="list-style-type: none"> <li>The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.</li> <li>The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.</li> <li>The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.</li> <li>The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.</li> <li>The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Act, 1986.</li> <li>The project authorities shall inform to the Regional Office of the MOEFCC regarding commencement of mining operations.</li> </ol>	Capital Investment (in Lakh Rupees)	Percentage of Investment Spent	of Amount Required to be CER Activities (in Rupees)	Amount Proposed for Activities (in Lakh Particulars)	& Details for CER Allocation (in Lakh Rupees)	5.99	2%	0.119	Following activities Nearby, at Govt. Middle School Village – Beltukdi Installation of Rain Water Harvesting System and Maintenance for 5 Year. Total	0.18  0.18
Capital Investment (in Lakh Rupees)	Percentage of Investment Spent	of Amount Required to be CER Activities (in Rupees)	Amount Proposed for Activities (in Lakh Particulars)	& Details for CER Allocation (in Lakh Rupees)							
5.99	2%	0.119	Following activities Nearby, at Govt. Middle School Village – Beltukdi Installation of Rain Water Harvesting System and Maintenance for 5 Year. Total	0.18  0.18							

S. No	EC Conditions
	<p>7. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.</p> <p>8. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&amp;CC).</p> <p>9. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.</p> <p>10. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.</p> <p>11. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.</p> <p>12. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/ monitoring reports.</p> <p>13. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention &amp; Control of Pollution) Act, 1974, the Air (Prevention &amp; Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.</p> <p>14. The illumination and sound at night at project sites disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations. Habitations have a right for darkness and minimal noise levels at night. PPs must ensure that the biological clock of the villages is not disturbed; by orienting the floodlights/ masks away from the villagers and keeping the noise levels well within the prescribed limits for day light/night hours.</p>

**Annexure 2**

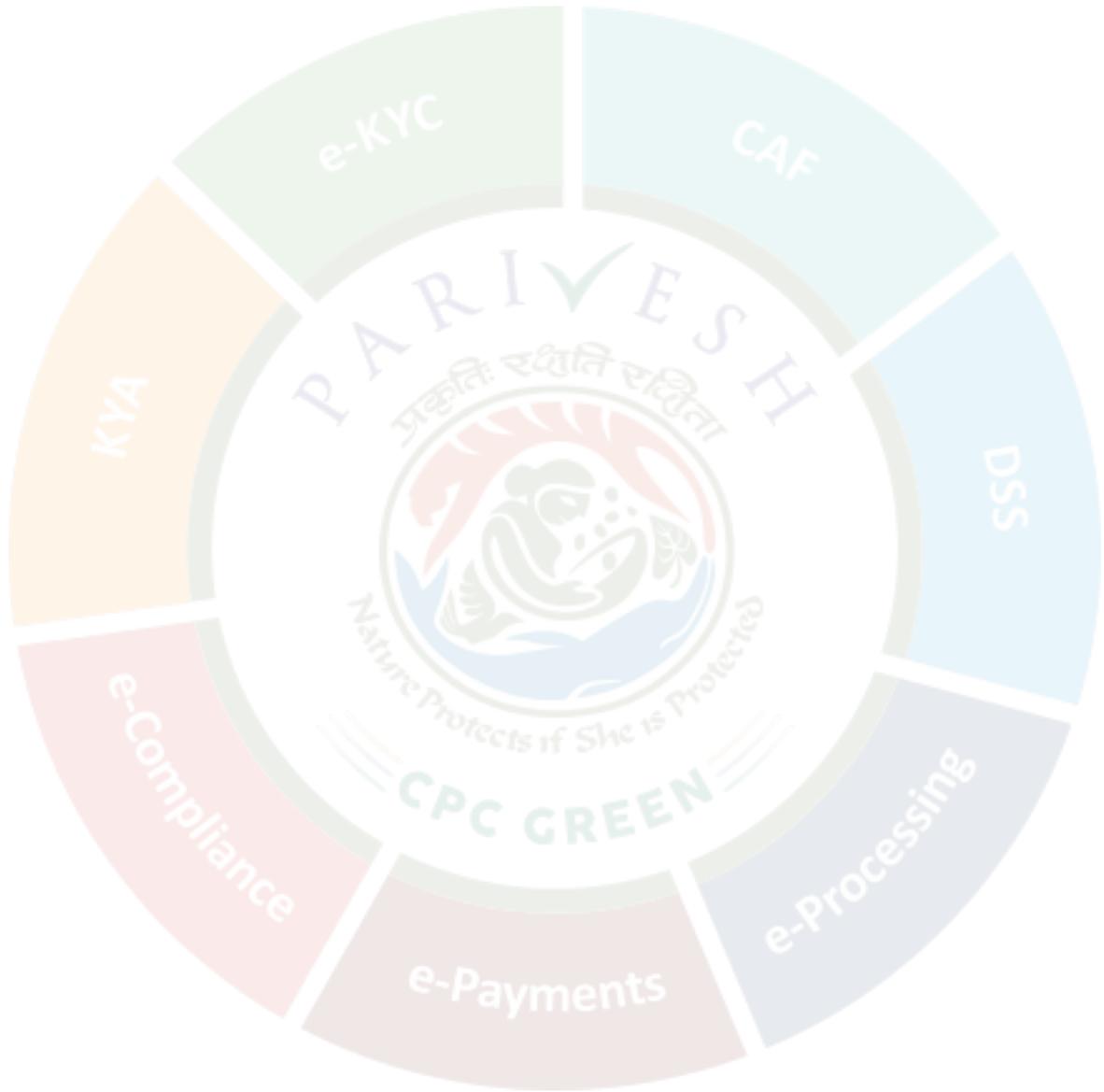
**Details of the Project**

S. No.	Particulars	Details
a.	Details of the Project	M/s Barbaspur Limestone Quarry, Pro. - Mr. Hirendra Sahu
b.	Latitude and Longitude of the project site	21.1807649906884,82.02311502331196

S. No.	Particulars	Details	
		Nature of Land involved	Area in Ha
c.	Land Requirement (in Ha) of the project or activity	Non-Forest Land (A)	0.56
		Forest Land (B)	0
		Total Land (A+B)	0.56
d.	Date of Public Consultation	Public consultation for the project was held on 2024-01-31	
e.	Rehabilitation and Resettlement (R&R) involvement	NO	
f.	Project Cost (in lacs)	5.99	
g.	EMP Cost (in lacs)	11.55	
h.	Employment Details		

**Details of Minerals Products & By-products**

Name of the Mineral to be mined	Classification of mineral [Major/Minor]	Production capacity in MTPA	Remarks
Farshi Pathar	Minor	2335.0	Above production capacity is given in tonn per year . 2335 tonn and 934 cubic meter year . Please consider TPY unit capacity for issuing EC. Please issue EC in unit TPY .



**M/s Barbaspur Limestone Quarry  
 (Pro. - Mr. Hirendra Sahu),  
 Village - Barbaspur,  
 Tehsil & District - Mahasamund  
 (File No. – 2199)**

Subject	Details related to the applied case
SIA/CG/MP/475383/2024 Online Application	ToR Proposal no. - 404199 Applied Date – 21/11/2022 EC Proposal no. - 475383

	Applied Date - 06/08/2024												
Nature of Project	Existing (Re-appraisal)												
Type Of Mine	Limestone (Minor Minerals)												
Applied Area (Ha.) & Capacity	0.56 Ha. & 934 cum/year (2,335 TPA)												
Khasra no.	177 & 186/2												
Land	Private & Government Land												
Land Owner's Name (If Private) & Consent	Khasra no. 177 is Government land & Khasra no. 186/2 is in the name of Mr. Hirendra Sahu (Applicant)												
Details of Meeting	Intimation Email for Presentation Date : 28/02/2025 581 <sup>st</sup> Meeting of SEAC-2 Dated : 03/03/2025												
Representatives present for presentation	Mr. Dhirendra Kumar Lonare, Authorized Representatives Consent of Authorized Representatives- Yes EIA Coordinator – Mr. Deo Narayan (Ultra-Tech Environment consultancy and Laboratory, Tane, Maharashtra)												
Details of Old EC	Type of Mine – Lime Stone (Minor Minerals) Khasra number - 177 & 186/2 Area – 0.56 Ha. Capacity – 946.5 Cum Date – 16/01/2017 Validity period – up to 5 years (16/01/2017 to 15/01/2022) Extended Validity period - 16/01/2017 to 15/01/2023 (According to the notification dated 18/01/2021 issued by the Government of India, Ministry of Environment, Forest and Climate Change, New Delhi because of the outbreak of Corona Virus (COVID-19)) (issued by DEIAA) District – Mahasamund Extended Validity period - 16/01/2017 to 31/03/2025 (According to the issuing Interim order by SEIAA)												
Compliance Report of Old EC	Submitted : Yes												
Past Production certified by the Mineral Department (Year wise)	<p>Date - 23/12/2022</p> <table border="1"> <thead> <tr> <th>Year</th> <th>Production (in Tons)</th> </tr> </thead> <tbody> <tr> <td>2017</td> <td>660</td> </tr> <tr> <td>2018</td> <td>1,304</td> </tr> <tr> <td>2019</td> <td>730</td> </tr> <tr> <td>2020</td> <td>634</td> </tr> <tr> <td>01/01/2021 to 30/06/2021</td> <td>190</td> </tr> </tbody> </table>	Year	Production (in Tons)	2017	660	2018	1,304	2019	730	2020	634	01/01/2021 to 30/06/2021	190
Year	Production (in Tons)												
2017	660												
2018	1,304												
2019	730												
2020	634												
01/01/2021 to 30/06/2021	190												

	01/07/2021 to 30/09/2021	150
	01/10/2021 to 31/03/2022	285
	Date – 27/01/2025	
	Year	Production (Tons)
	01/04/2022 to 30/09/2022	227
	01/10/2022 to 31/03/2023	1,220
	01/04/2023 to 31/03/2024	Nil
	01/04/2024 to 30/09/2024	450
Gram Panchayat NO C	Village - Barbaspur Date : 14/04/2022	
Approved Mining Plan	Date : 21/09/2022	
500 meter	Date : 04/02/2022 No. of other mines – 69, Area – 40.04 Ha. Total no. of mines in cluster – 70, Area – 40.6 Ha.	
200 meter	Date : 31/08/2021 Restricted Area – No	
Lease deed	Name of Lease holder – Mr. Hirendra Sahu Date - 23/06/2000 to 22/06/2030 Validity Period – 30 Years	
Forest Department NOC	Date : 05/03/2012 Issued by Divisional Forest Officer, General Forest Division Mahasamund, Distance from Nearest Forest – 10 km.	
Nearest Habitation/ Structure	Village - Barbaspur 1.25 km School - Barbaspur 1.55 km Hospital - Mahasamund 8.55 km National Highway - 1.7 km State Highway - 14.9 km River - Mahanadi 330 meter Nalla - 1 km Canal - 700 meter Pond – 1.35 km Reservoir 16.5 km	
Ecology/Biodiversity Area	No Inter-state border, national park, sanctuary, critically polluted area declared by the Central Pollution Control Board, ecologically sensitive area or declared biodiversity area located within its 5 km perimeter.	
Mining Details	Mining Method – Opencast Manual Method Drilling & Blasting – No According to mining Plan Reserves Geological Reserves – 71,712 Tons Minable Reserves – 12,835 Tons Recoverable Reserves – 9,626 Tons	

	<p>Balance Reserves  Geological Reserves – 70,042 Tons  Minable Reserves – 11,165 Tons  Proposed Depth - 11 Meter  Bench Height – 3 meter  Bench width – 3 meter  Life of Mine – 06 Year  Year Wise Proposed Production Detail –</p> <table border="1" data-bbox="419 506 1447 788"> <thead> <tr> <th>Year</th> <th>Production (Tons)</th> </tr> </thead> <tbody> <tr> <td>1<sup>st</sup> Year</td> <td>2,325</td> </tr> <tr> <td>2<sup>nd</sup> Year</td> <td>2,288</td> </tr> <tr> <td>3<sup>rd</sup> Year</td> <td>2,300</td> </tr> <tr> <td>4<sup>th</sup> Year</td> <td>2,325</td> </tr> <tr> <td>5<sup>th</sup> Year</td> <td>2,325</td> </tr> </tbody> </table>	Year	Production (Tons)	1 <sup>st</sup> Year	2,325	2 <sup>nd</sup> Year	2,288	3 <sup>rd</sup> Year	2,300	4 <sup>th</sup> Year	2,325	5 <sup>th</sup> Year	2,325
Year	Production (Tons)												
1 <sup>st</sup> Year	2,325												
2 <sup>nd</sup> Year	2,288												
3 <sup>rd</sup> Year	2,300												
4 <sup>th</sup> Year	2,325												
5 <sup>th</sup> Year	2,325												
<p>Restricted Area for Mine (Mine Safety Area)</p>	<p>Area of 7.5 m wide safety zone – 2,100 sqm  Excavated – Yes  Mentioned in Mining Plan – Yes  Restoration Plan - Submitted</p>												
<p>Restoration Plan</p>	<p>As per the approved mining plan, the total area of 7.5 meter mine boundary of the applied mine is 2,100 sqm with an average length of 280 m and width of 7.5 m.</p> <ol style="list-style-type: none"> <li>Pit-1 area of the safety boundary is 115 sqm, 4 m deep dug out with a length of 15.33 m and width of 7.5 m. 60 degree slope is made with gravel, overburden and bad stone.</li> <li>Pit-1 area of the excavated safety boundary will be backfilled with approximately 500 cu bic meters, along with this, 0.50 m thick pitching will be done in the boundary slope using 62 cubic meters of stone to strengthen the boundary slope.</li> <li>Pit-2 area of safety boundary is 330 sqm, 11 m deep excavated area, 44 m long and 7.5 m wide.</li> <li>Pit-2 area of excavated safety boundary will be backfilled using approximately 3,700 m3 of murrum, overburden and bad stone to form a 60 degree slope. Along with this, 0.50 m thick pitching will be done in the boundary slope using 484 m3 of stone to strengthen the boundary slope.</li> </ol> <p>So, the excavated lease area will be backfilled in this manner. Penalty Document For excavation done outside of lease area the project proponent deposited the penalty amount of Rs 47,880/- in the Mining Department and received the receipt. A copy of receipt has been submitted.</p>												
<p>Non mining zone</p>	<p>Yes  Area – 28 Sqm  Details – Due to the narrow space  Area – 39 sqm  Details – after excavating 2 meter depth taken as blockage</p>												
<p>Top Soil / Over Burden Management Plan</p>	<p>Depth - 2 meter  Quantity - 1,472 cum  Management detail -</p> <ul style="list-style-type: none"> <li>1472 cum top soil generated from mine as per approved mine.</li> <li>670.49 cum topsoil will be stacked along with 254.94 m long 4.5 m outer mine safety area (mine boundary) with maximum 1 m height and 28 degree of slope and plantation will be done.</li> <li>Rest of 802 cum top soil is will be preserved over unused part of lease area.</li> </ul>												
<p>Water Requirement</p>	<p>Quantity – 4.5 KLD  Source - Accumulated water in mine pit, Tankers &amp; Bore well  NOC has been obtained from Central Ground Water Authority and a copy has been submitted</p>												

	ed.
Plantation Work	Plantation of trees around 7.5 meters of lease area - 2,100 sqm Current Plantation – 112 nos. Proposed Plantation – 260 nos Amount for 5 years for the proposed plantation work (Total plantation – 260 nos.) - Rs. 9,93,000/-
TOR issued	Serial no.- 01 ,Date - 03/04/2023, Standard ToR of 1(A) with public hearing
Analysis of EIA report	Monitoring Period - October 2021 to December 2021 Quality measurement site: Ambient Air - 24 Ground water - 12 Surface Water - 12 Noise level - 24 Soil Samples – 12 PM <sub>2.5</sub> - 10 to 28 Microgram/cubic meter PM <sub>10</sub> - 50 to 74 Microgram/cubic meter SO <sub>2</sub> - 5 to 18 Microgram/cubic meter NO <sub>2</sub> - 6 to 15 Microgram/cubic meter Noise level - dB (A) Day Leq & 43.8 dB to 59.1 dB Night Leq & 37.0 dB to 49.40 dB Is less than the prescribed standard level of the area. Flora & Fauna Study - Submitted
P.C.U. Calculation	For Existing Node 1 (Junction of village road and road coming from all mine site of Barbas pur & Ghodhari) Volume - 40 PCU/hr. V/C ratio - 0.086, A (Excellent) For After Project : Node 1 Volume - 52 PCU/hr. V/C ratio - 0.11, A (Excellent) For Existing Node 2 (Junction at highway - NH-53 from Raipur to Pithora road and road coming from all mine site of Barbaspur & Ghodhari) Volume 288.45 PCU/hr. V/C ratio – 0.24, B (Very Good) For After Project : Node 2 Volume 480.85 PCU/hr. V/C ratio – 0.40, B (Very Good) For Existing Node 3 (Junction of village road and road coming from all mine site of Birkoni) Volume – 38.50 PCU/hr. V/C ratio – 0.083, A (Excellent) For After Project : Node 3 Volume – 50.50 PCU/hr. V/C ratio – 0.10, A (Excellent) For Existing Node 4 (Junction at highway - NH-53 from Raipur to Pithora road and road coming from all mine site of Birkoni) Volume 295.10 PCU/hr. V/C ratio – 0.24, B (Very Good) For After Project : Node 4 Volume 487.5 PCU/hr. V/C ratio – 0.40, B (Very Good)
SIA/CG/MIN/475383/2024 G.L.C. Calculation	PM <sub>2.5</sub> - max. value 28.76 Microgram/cubic meter PM <sub>10</sub> - max. value 75.26 Microgram/cubic meter

	SO2 - max. value 20.19 Microgram/cubic meter NO2 - max. value 15.21 Microgram/cubic meter Below the prescribed Indian standard limit.
Public Hearing	Date - 31/01/2024 Time – 12:00 PM Place – Gram Panchayat Bhawan Barbaspur, Tehsil & District - Mahasamund The public hearing document has been sent by the letter dated 10/05/2024 of Member Secretary, Chhattisgarh Environment Conservation Board, Nava Raipur Atal Nagar, District-Raipur.
Public Hearing	The following suggestions/ideas have been presented:- 1. A drain has emerged from the Mahanadi and the field above that drain remains submerged in water for weeks. It has been filled up so badly that the stream has started flowing in the opposite direction. The field remains submerged for weeks and due to this the paddy rots. 2. Mine owners dumping debris on villagers land without any consent. 3. Mine owners shall recruit rural local women employees. The statement regarding resolution is as follows:- 1. To prevent natural water flow from entering the mine, it is proposed to construct a garland drain by building a bund in the project. To keep the natural water flow smooth, a proper drain will be constructed around the mine. 2. We will not dump soil or overburden or other materials outside the mine area, around any public place or in government land. The mine will be operated completely legally and as per the approved excavation plan. The mine will be duly demarcated and fenced from all sides and mining will be carried out as per the approved excavation plan. 3. According to the Chhattisgarh Government's ideal rehabilitation and employment policy, local villagers will be provided direct or indirect employment in the project on the basis of their qualification and experience. Rural local women will also be provided employment as per their qualification.
C.E.M.P.	Proportionate budget under common EMP of cluster applicant for 5 years for the proposed work - Rs 1,67,60,000/- Participation of Project Proponent: Amount for 5 years for the proposed work -Rs. 1,62,100/-
Category	B1 The total area including the applied mine is 40.60 Ha.
Affidavit	The following affidavit has been submitted: - · Employment is given to the local people as per the rules of the State Government, · No court case pending relating to this project before any Court of Law in India, · No violation of Notification S.O. 804(E) dated 14/03/2017 issued by Ministry of Environment, Forest and Climate Change, Government of India. · Memorandum issued on 28/04/2023 by the Ministry of Environment, Forest and Climate, Government of India, New Delhi will be followed. · Information on the works proposed under CER will be included in the half-yearly report along with geo tagged photographs. · Top soil storage and preservation. · 90% survival rate of plantation. · Demarcation will be done by boundary pillars as per Mineral Concession Rules. · All the conditions set by the committee will be followed and a six month compliance report will be submitted to the Environment Office. · Contaminated water will not discharge into natural water sources. · Water sprinkling arrangements for fugitive dust emission. · Landowners will be provided compensation as per rules and employment opportunities on priority basis. · It will be our responsibility to protect all the interests related to the land and follow all the rules of India. · The objections, suggestions or issues raised during the public hearing will be resolved as per

er the reply and information submitted by me.

- To comply the Hon'ble Supreme Court Judgment dated 02 August 2017 in Writ Petition ( Civil) No 114 of 2014 in the matter of Common Cause Vs Union of India.
- The direction given by the Honorable Supreme Court on 08/01/2020 in writ petition (S) Civil No.114 /2014 common cause vs. Union of India & Ors will be followed.
- In order to comply with the common Environmental Management Plan, an Environmental Committee shall be formed by all the applicants in the cluster as per the environmental guidelines on which an environmentalist shall be appointed.
- The excavated portion of 7.5 meter boundary will be refilled as per the presented restoration plan and plantation of trees in 3 rows along with photographs along with name and number of plants will be submitted in the half yearly report.

Total Project Cost	Rs. 5.99 Lakh/-
--------------------	-----------------

**CER Details :**  
 Project Proponent Proposed combine project plan of CER work (Installation of Rain Water Harvesting) for 3 different nearby mine leases.  
 Installation of Rain Water Harvesting shall be done under the provisions of Corporate Environment Responsibility at Govt. Middle School, Village – Beltukdi. The total amount of expenses in the five years will be Rs. 86,000/-.  
 Amount/expense to be incurred by Project proponent for execution of his part in combined proposal of CER work is Rs. 18,000/- (respected to project cost).

Capital Investment (in Lakh Rupees)	Percentage of Capital Investment to be Spent	Amount Required for CER Activities (in Lakh Rupees)	Amount Proposed & Details for CER Activities (in Lakh Rupees)	
			Particulars	CER Fund Allocation (in Lakh Rupees)
5.99	2%	0.119	Following activities Nearby, at Govt. Middle School Village – Beltukdi	
			Installation of Rain Water Harvesting System and Maintenance for 5 Year.	0.18
			Total	0.18