



सत्यमेव जयते

**File No.: OL/EC/MIN/SURGUJA/3309**  
**Government of India**  
**Ministry of Environment, Forest and Climate Change**  
**(Issued by the State Environment Impact Assessment**  
**Authority(SEIAA), CHHATTISGARH)**

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Dated 22/01/2026



To,

Mr. Krishna Lal Yadav  
M/s Khurandih Brick Earthclay Quarry & Brick Kiln  
Village - Khurandih, Tehsil - Lundra, District – Surguja, Chhattisgarh  
krishna.envi111@gmail.com

**Subject:** Grant of prior Environmental Clearance (EC) for mining of Earth Clay (Minor Minerals) capacity- 2,370 cum/year in khasra no. 76/7, 76/93, 76/94, 76/95, Area- 1.524 Hectare at Village - Khurandih, Tehsil - Lundra, District – Surguja, Chhattisgarh under the provision 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/470567/2024 dated 25/04/2024 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.	EC24C0108CG5161115N
(ii) File No.	OL/EC/MIN/SURGUJA/3309
(iii) Clearance Type	Mining EC Under 5 Ha
(iv) Category	B2
(v) Project/Activity Included Schedule No.	1(a) Mining of minerals
(vii) Name of Project	M/s Khurandih Brick Earthclay Quarry & Brick Kiln, Proprietor – Mr. Krishna lal Yadav
(viii) Location of Project (District, State)	SURGUJA, CHHATTISGARH
(ix) Issuing Authority	SEIAA
(x) Applicability of General Conditions	No

SEIAA in its 208th Meeting held on 17/10/2025 perused the case and minutes of the 679th Meeting of SEAC-1 held on 19/08/2025.

It is noted that original application is for mining of Earth Clay (Minor Minerals) capacity- 2,370 cum/year. After deliberation, SEIAA unanimously accepted the recommendation of SEAC-1 and decided to grant Environmental

Clearance for mining of Earth Clay (Minor Minerals) capacity- 2,370 cum/year in khasra no. 76/7, 76/93, 76/94, 76/95, Area- 1.524 Hectare at Village - Khurandih, Tehsil - Lundra, District – Surguja, Chhattisgarh under the EIA Notification, 2006 (as amended) listed in Schedule 1(a) Mining of minerals under Category “B2” subject to submission of updated past production details in “cum” certified by Mining department (financial year wise).

With respect to the above, Project proponent has submitted the updated past production details in “cum” on 25/12/2025 certified by Mining department (financial year wise).

3. This Environment Clearance is for mining of Earth Clay (Minor Minerals) capacity- 2,370 cum/year in khasra no. 76/7, 76/93, 76/94, 76/95, Area- 1.524 Hectare at Village - Khurandih, Tehsil - Lundra, District – Surguja, Chhattisgarh.
4. In view of the particulars given in the Para 1 above, the project proposal interalia including Form-2 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 17/10/2025. 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 2 presented are annexed to this EC as Annexure (1).
7. The SEAC, in its meeting held on 19/08/2025, based on information & clarifications provided by the project proponent and after detailed deliberations on all technical aspects 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, Surguja, District- Surguja (C.G.) for information and necessary action.
- 7 Regional Officer, Regional Office, Chhattisgarh Environment Conservation Board, Ambikapur for information and necessary action.

**Annexure 1**

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

##### **1. Special Condition**

S. No	EC Conditions
1.1	<b>1. Project proponent shall submit transit permit,challan, other records etc to authenticate the source of fly ash obtained from power plant/sponge iron units/ other firms with six monthly compliance report</b>

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

##### **1. Statutory Compliance**

S. No	EC Conditions
1.1	<p><b>Specific Condition:</b></p> <ol style="list-style-type: none"> <li>1. PP shall submit the compliance report for plantation over entire safety zone area along with geotag photography and drone survey photography within six months from the grant of EC date.</li> <li>2. PP shall install the zig- zag technology for firing bricks in the kiln established in lease area and submit details with photograph with six monthly compliance report.</li> </ol> <p><b>Additional Conditions:</b></p> <ol style="list-style-type: none"> <li>1. Project proponent shall ensure the erection of boundary pillars as per provisions of Minor minerals Rules 2015, and shall also do fencing all along the mining boundary.</li> <li>2. The Project proponent shall do plantation over entire safety zone for developing green belt with healthy species which has fast growth and has good canopy cover to serve as barrier for propagation of pollutants from mine area.</li> <li>3. The Project proponent shall ensure minimum 90% survival rate of plantation after 5 years.</li> <li>4. The six-monthly report regarding compliance of plantation over entire safety zone area should be submitted along with geotag photographs and drone survey photography.</li> <li>5. The mining should be carried out in accordance to approved mine plan and as per provisions of applicable Minor minerals Rules 2015.</li> <li>6. The PP shall arrange water sprinkling at required interval over dust generating points and haul roads to minimize the fugitive dust generation.</li> <li>7. If the mineral transport route passes through or nearby to residential area, then the road should be wetted to minimize the dust emission, and arrangement for water sprinkling at required interval should be made.</li> <li>8. The mineral transportation shall be carried out through covered trucks only and the vehicles carrying the mineral shall not be overloaded.</li> <li>9. The PP shall ensure that the mine's contaminated water should not go directly to nearby water body, make garland drain and silting ponds at required places for arresting the silt before mine water go to nearby nallah. The desilting of silting ponds should be done regularly.</li> <li>10. The PP shall submit the permission from competent authority for use of water and should install the measuring instrument for consumption of water and maintain logbook for it.</li> <li>11. The PP shall make arrangement for energy conservation and promote the use of non-conventional energy like solar lights.</li> <li>12. The CER Plan should be implemented within one year and it should be operated and maintained till the mine closure plan is implemented.</li> <li>13. Employment to the local people should be provided under the Chhattisgarh Model Rehabilitation Policy.</li> <li>14. Project proponent shall not cut any Green Trees of lease area without the permission of District Collector.</li> <li>15. Project proponent shall ensure that no excavation is carried out in the non-mining area.</li> </ol>

S. No	EC Conditions
	<p>16. Project proponent shall not do any mining or related activities outside the lease area.</p> <p>17. As per the OM dated 24/06/2013 issued by the Ministry of Environment, Forest and Climate Change, Government of India, the perimeter of the excavation area should be ensured by leaving a distance of at least 15 meters from any civil structure. The guidelines prescribed for soil excavation in the OM dated 24/06/2013 issued by the Ministry of Environment, Forest and Climate Change, Government of India and the notification dated 22/02/2022 should be followed.</p> <p>18. The maximum depth of excavation shall not exceed 2 meters. The excavation process shall be carried out in the unsaturated zone above the ground water level and the excavation process shall not be carried out below the ground water level under any circumstances.</p> <p>19. Pet coke/ tyres/ plastic /Hazardous wastes should not be used in raw brick manufacturing under any circumstances.</p> <p>20. Air pollution generated from vehicles and other process shall be maintained within the standards specified under the Environment Protection Act, 1986 and the Air (Prevention and Control of Pollution) Act, 1981 (whichever is stringent). The ambient air quality in the excavation area shall not exceed the standards notified by the Ministry of Environment, Forest and Climate Change, Government of India.</p> <p>21. The ash produced from thermal power plants should be used in the manufacture of raw bricks as per the provisions of the notification issued by the Ministry of Environment, Forest and Climate Change, Government of India for the use of fly ash. Brick pieces etc. produced as solid waste should be used for landfill and road maintenance.</p> <p>22. To prevent fly ash from flying, water should be sprinkled from time to time. Also, it should be ensured that the fly ash does not fly and spread in the surrounding areas and pollute the environment, so that the nearby residents are not adversely affected.</p> <p>23. Project proponent shall ensure conversion of his kiln in Zig-Zag or Vertical Shaft technology and shall comply with the standard as stipulated in the notification dated 22.02.2022.</p> <p>24. Project proponent shall make provision for port hole and arrangement for measurement and verification through Regional Officer CECB for Co2 gas not exceed 4%.</p> <p><b>Statutory compliance:</b></p> <ol style="list-style-type: none"> <li>1. The Environmental clearance shall be subject to orders of 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 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>3. 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> </ol>

S. No	EC Conditions
	<p>4. The project proponent shall obtain the necessary permission from the Central Ground Water Authority.</p> <p>5. Solid/hazardous waste generated in the mines needs to address in accordance to the Solid Waste Management.</p> <p>6. Permission of power supply to be taken from the concerned authority for meeting power demand of the project site.</p> <p>7. The maximum production or peak production at any given time shall not exceed the limit as prescribed in the EC.</p> <p>8. Validity of EC will be till life of mine or 30 years from the grant of mining lease, whichever is earlier as per EIA Notification, 2006 and its amendment therein.</p> <p><b>Statutory compliance:</b></p> <p>1. The Environmental clearance shall be subject to orders of 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.</p> <p>2. 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).</p> <p>3. 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.</p> <p>4. The project proponent shall obtain the necessary permission from the Central Ground Water Authority.</p> <p>5. Solid/hazardous waste generated in the mines needs to address in accordance to the Solid Waste Management.</p> <p>6. Permission of power supply to be taken from the concerned authority for meeting power demand of the project site.</p> <p>7. The maximum production or peak production at any given time shall not exceed the limit as prescribed in the EC.</p> <p>8. Validity of EC is as per life of the mine mentioned in EC letter or 30 years from lease execution date (i.e. 22/08/2043) as per EIA Notification, 2006 and its amendments therein.</p> <p><b>Air quality monitoring and mitigation measure:</b></p> <p>1. Adequate ambient air quality monitoring stations shall be established 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 in consultation with the State Pollution Control Board. Online ambient air quality monitoring station/stations may also be installed in addition to the regular air monitoring</p>

S. No	EC Conditions
	<p>stations as per the requirement and/or in consultation with the SPCB.</p> <ol style="list-style-type: none"> <li>2. Transportation of clay/ bricks, 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>3. Major approach roads shall be properly maintained.</li> <li>4. 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>5. Adequate number of water sprinklers shall be installed to reduce the impact of air pollution at dust generating sources with time bound action plan.</li> <li>6. Post environmental closure third party monitoring by reputed instituted in air quality, water, land &amp; soil etc shall be carried out and analyzed with EMP measures at regular interval. A suitable recommendation in this regard, shall be furnished to IRO, MoEF&amp;CC for compliance. The data used for analysis shall be obtained from continues AQMS, site specific water regime. Also third party shall analyses the implementation of river diversion, meeting to the requirement of project report.</li> </ol> <p><b>Water quality monitoring and mitigation measures:</b></p> <ol style="list-style-type: none"> <li>1. The monitoring data shall be uploaded on the company's website and displayed at the project site at a suitable location. The circular No.J-20012/1/2006-1A.11 (M) dated 27th May, 2009 issued by Ministry of Environment, Forest and Climate Change shall also be referred in this regard for its compliance.</li> <li>2. 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>3. Monitoring of water quality upstream and downstream of river including ponds, lakes, tanks 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>4. Rainwater harvesting shall be implemented for conservation and augmentation of ground water resources.</li> <li>5. The project proponent shall not alter major water channels around the site. 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.</li> </ol>

S. No	EC Conditions
	<p>6. 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.</p> <p>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.</p> <p>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.</p> <p>9. The project proponent shall take all precautionary measures to ensure Riverian/ riparian ecosystem in and around the mine upto a distance of 5 km. A riverain /riparian ecosystem conservation and management plan should be prepared and implemented in consultation with the irrigation / water resource department in the state government.</p> <p>10. Construction of Septic Tank and Soak Pit will be provided for workers.</p> <p><b>Mining Plan:</b></p> <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. 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>3. Efforts should be made to reduce energy and fuel consumption by conservation, efficiency improvements and use of renewable energy.</li> </ol> <p><b>Land Reclamation:</b></p> <ol style="list-style-type: none"> <li>1. 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>2. Native tree species shall be selected and planted over areas affected by subsidence.</li> </ol> <p><b>Corporate Environment Responsibility:</b></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. The company shall have defined system of reporting infringements/ deviation/ violation of</li> </ol>

S. No	EC Conditions																		
	<p>the environmental/ forest/ wildlife norms/ conditions and/ or shareholders/ stake holders.</p> <p>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.</p> <p>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.</p> <p>4. Self-Environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.</p> <p>5. PP should establish in house (at project site) environment laboratory for measurement of environment parameter with respect to air quality and water (surface and ground. A dedicated team to oversee environment management shall be setup which should comprise of Environment Engineers, Laboratory chemist and staff for monitoring of air, water quality parameters on routine basis. Any non- compliance or infringement should be reported to the concerned authority.</p> <p><b>CER Details:</b></p> <table border="1" data-bbox="379 1025 1469 1832"> <thead> <tr> <th data-bbox="379 1025 587 1171">Capital Investment (in Lakh Rupees)</th> <th data-bbox="587 1025 798 1171">Percentage of Capital Investment to be Spent</th> <th data-bbox="798 1025 1002 1171">Amount Required for CER Activities (in Lakh Rupees)</th> <th colspan="2" data-bbox="1002 1025 1469 1171">Amount Proposed &amp; Details for CER Activities (in Lakh Rupees)</th> </tr> <tr> <td data-bbox="379 1171 587 1832" rowspan="4">50.00</td> <td data-bbox="587 1171 798 1832" rowspan="4">2%</td> <td data-bbox="798 1171 1002 1832" rowspan="4">1.00</td> <th data-bbox="1002 1171 1225 1283">Particulars</th> <th data-bbox="1225 1171 1469 1283">CER Fund Allocation (in Lakh Rupees)</th> </tr> </thead> <tbody> <tr> <td colspan="2" data-bbox="1002 1283 1469 1429">Following activities will be undertaken at Primary School at Vliiage – <b>Khurandih</b> &amp; Primary School at Village – <b>Belkonapara</b></td> <td data-bbox="1002 1429 1225 1615">Installation of Solar Panel in Primary School at Vliiage – <b>Khurandih</b></td> <td data-bbox="1225 1429 1469 1615">0.65</td> </tr> <tr> <td data-bbox="1002 1615 1225 1794">Rain water harvesting in Primary School at Village – <b>Belkonapara</b></td> <td data-bbox="1225 1615 1469 1794">0.50</td> </tr> <tr> <td data-bbox="1002 1794 1469 1832" style="text-align: center;"><b>Total</b></td> <td data-bbox="1225 1794 1469 1832" style="text-align: center;"><b>1.15</b></td> </tr> </tbody> </table> <p>The consent letter of the Headmaster of Primary School at Vliiage – Khurandih &amp; Primary School at Village – Belkonapara has been submitted for the CER work to be done.</p> <p>The project proponent shall form a Tripartite Committee (Mine owner, Representative of District administration / CECB and Member of Gram panchayat) which will monitor the compliance of Green Belt within the premises, plantation and Corporate Environmental</p>	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)		50.00	2%	1.00	Particulars	CER Fund Allocation (in Lakh Rupees)	Following activities will be undertaken at Primary School at Vliiage – <b>Khurandih</b> & Primary School at Village – <b>Belkonapara</b>		Installation of Solar Panel in Primary School at Vliiage – <b>Khurandih</b>	0.65	Rain water harvesting in Primary School at Village – <b>Belkonapara</b>	0.50	<b>Total</b>	<b>1.15</b>
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			<b>Total</b>	<b>1.15</b>															

S. No	EC Conditions
	<p>Responsibility activities.</p> <p><b>Miscellaneous:</b></p> <ol style="list-style-type: none"> <li>1. 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>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 has to display the same for 30 days from the date of receipt.</li> <li>3. 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>4. 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>5. 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) Rules, 1986, as amended subsequently and put on the website of the company.</li> <li>6. The project authorities shall inform to the Regional Office of the MOEFCC regarding commencement of mining operations.</li> <li>7. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.</li> <li>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).</li> <li>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.</li> <li>10. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.</li> <li>11. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.</li> <li>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.</li> <li>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.</li> </ol>

S. No	EC Conditions
	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.

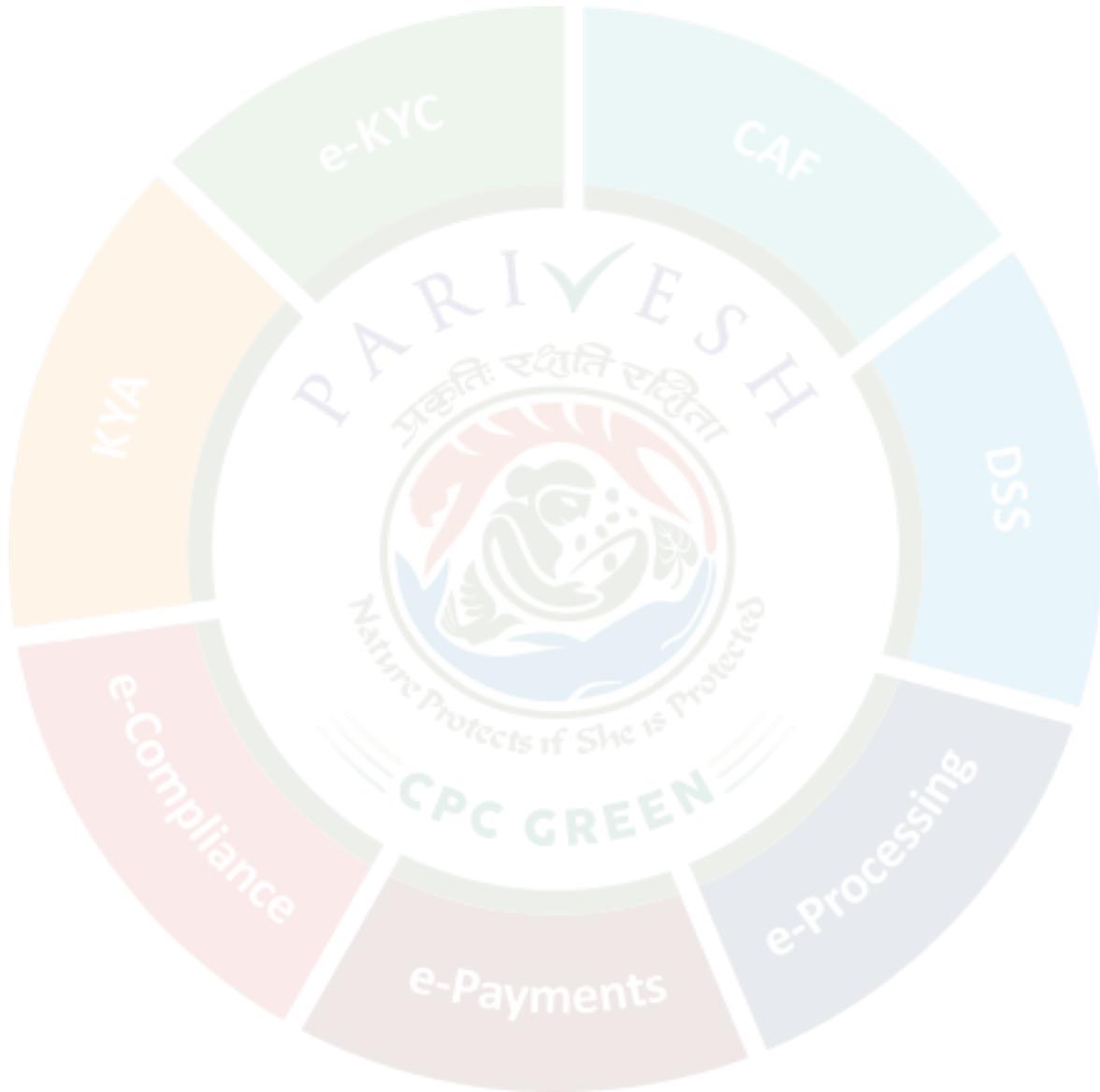
## Annexure 2

### Details of the Project

S. No.	Particulars	Details								
a.	Details of the Project	M/s Khurandih Brick Earthclay Quarry & Brick Kiln, Proprietor – Mr. Krishna lal Yadav								
b.	Latitude and Longitude of the project site	23.19838655196519,83.40509313229006 23.1999742324213,83.40628361289976								
c.	Land Requirement (in Ha) of the project or activity	<table border="1"> <thead> <tr> <th data-bbox="668 1048 1206 1128">Nature of Land involved</th> <th data-bbox="1206 1048 1489 1128">Area in Ha</th> </tr> </thead> <tbody> <tr> <td data-bbox="668 1128 1206 1205">Non-Forest Land (A)</td> <td data-bbox="1206 1128 1489 1205">1.524</td> </tr> <tr> <td data-bbox="668 1205 1206 1281">Forest Land (B)</td> <td data-bbox="1206 1205 1489 1281">0</td> </tr> <tr> <td data-bbox="668 1281 1206 1357">Total Land (A+B)</td> <td data-bbox="1206 1281 1489 1357">1.524</td> </tr> </tbody> </table>	Nature of Land involved	Area in Ha	Non-Forest Land (A)	1.524	Forest Land (B)	0	Total Land (A+B)	1.524
		Nature of Land involved	Area in Ha							
		Non-Forest Land (A)	1.524							
		Forest Land (B)	0							
Total Land (A+B)	1.524									
d.	Date of Public Consultation	Public consultation for the project was held on								
e.	Rehabilitation and Resettlement (R&R) involvement	NO								
f.	Project Cost (in lacs)	50								
g.	EMP Cost (in lacs)	9.348								
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
Brick earth	Minor	2370.0	Production capacity 2370 cubic meter per annum



**M/s Khurandih Brick Earthclay Quarry & Brick Kiln  
(Proprietor – Mr. Krishna Lal Yadav),  
Village - Khurandih, Tehsil - Lundra,  
District - Surguja (File No. – 3309)**

Subject	Details related to the applied case
Online Application	EC Proposal no. - 470567 Applied Date - 25/04/2024
Nature of Project	Existing (Reappraisal)
Type Of Mine	Earth Clay (Minor Minerals)
Applied Area (Ha.) & Capacity (cubic meter)	1.524 Ha. & 2,370 cum (9,00,000 nos.) /day
Khasra no.	76/7, 76/93, 76/94 & 76/95
Land	Private
Land Owner's Name (If Private) & Consent	Applied land is in the name of Jamuna, Surendra, Rajendra, Virendra, Mandodari & Krishna lal Consent of land owner – Submitted
Details of Meeting	Intimation Email for Presentation Date : 22/01/2025 555th Meeting Dated 27/01/2025
Representatives present for presentation	Mr. Anuj Yadav, Authorized Representatives Consent of Authorized Representatives- Submitted
Details of Old EC	Type of Mine – Earth Clay (Minor Minerals) Khasra number – 76/7, 76/93, 76/94 & 76/95 Area – 1.524 Ha. Capacity – 2,370 cum (9,00,000 nos.) /day Date – 06/02/2017 Validity period – upto lease deed (22/08/2043) Issued by DEIAA District - Surguja
Compliance Report of Old EC	Submitted : Yes As per the Old EC conditions 160 no. of trees has been planted.
Past Production certified by the Mineral Department	Date : 29/02/2024 Year Production in nos. 2017 - 5,82,000 2018 - 6,49,000 2019 - 2,45,500

	<p>Jan 20 – Jun 20 - 1,50,000  Jul 20 – Mar 21 - 5,70,000  2021 – 22 - 3,05,300  2022 – 23 - 4,60,000  2023 - 2024 (upto Jan.) – Nil  Committee is to opinion that the project proponent should submit a revised past production certificate with mentioning the quantity of mined out clay with number of bricks.</p>
Gram Panchayat NOC	<p>Village – Jamira  Date : 24/06/2010</p>
Approved Mining Plan	06/01/2016
500 meter	<p>Date : 27/02/2024  No. of other mines - Nil</p>
200 meter	<p>Date : 27/02/2024  School is located at a distance of 100 meter &amp; Road is located at a distance of 45 meter.  Other restricted Area – No</p>
Lease Deed	<p>Name of Lease holder – Mr. Krishna lal Yadav  Date – 23/08/2013 to 22/08/2043  Validity Period - 30 Years</p>
Forest Department NOC	<p>Date : 03/10/2011  Issued by Divisional Forest Officer East Surguja, Forest Division, Ambikapur  Distance from Nearest Forest– Not Mentioned</p>
Nearest Habitation/Structure	<p>Village - Khurandih 1.0 km  School - Kundikala 10.8 km  Hospital – Lundra 10 km  National Highway - 11 km  River - Machhli 1.5 km</p>
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	<p>Mining Method - Open cast Manual  According to Quarry Plan Reserves -  Geological Reserves – 27,432 cum  Movable Reserves - 22,542 cum  Recoverable Reserves – 21,414 cum  Proposed Depth – 2 meter  Bench Height – 1 meter  Bench width – 1 meter  Life of Mine – 10 years  Fly Ash - 50%  Kiln Area – 1,650 sqm  Chimney height – 33 meter  Coal requirement for 1 Lakh bricks – 12 Tonne  Year Wise Proposed Production Details -  1st Year – 2,370 cum  2nd Year – 1,500 cum</p>
SIA/CG/MIN/470567/2024 Restricted Area for Mine (Mi	Area of 1 meter wide safety zone - 496 sqm

ne Safety Area)	Excavated – No
Non mining zone	Yes Details (If yes) – 1,657 sqm area is blocked due to chimney.
Water Requirement	Quantity – 8.3 KLD Source - Borewell NOC from the concerned Department / Branch - CGWA
Plantation Work	Plantation of trees around 1 meters of lease area - Current Plantation – 160 nos. Proposed Plantation – 100 nos. Total plantation cost for five year – 09,34,800 Rs/-
Affidavits	90% survival rate of plantation, Excavation will not be done in the mine safety limit. Water sprinkling arrangements for fugitive dust emission, Contaminated water will not discharge into natural water sources, 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. Demarcation will be done by boundary pillars as per Mineral Concession Rules. Excavation done within the lease boundary.
Category	<b>B2</b> The total area including the applied mine is 1.524 Ha.
Total Project Cost	Rs. 50 Lakh
<b>CER Details:</b>	CER proposal presented by PP is less than 2 % of total project cost (as per the guidelines) so the presented proposal is rejected by committee during presentation. Committee suggested PP to submit a revised CER of Constructing Rain Water Harvesting system and its maintenance for 5 years in nearby Govt. school or any other Government premises with minimum 2% amount of total project cost.

PP shall submit the compliance report of earlier imposed condition for plantation in one meter safety zone along with geotag photographs and drone photography.

As per the Earlier EC, total 200 nos plants have been planted. Geotag photographs and drone video of plantation is submitted by PP.

PP shall submit the revised CER Details with minimum 2% amount of total project cost of constructing Rain Water Harvesting system and its maintenance for 5 years in nearby Govt. school or any other Government premises.

**Submitted.** Details given below:-

**CER Details:**

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)
50.00	2%	1.00	Following activities will be undertaken at Primary School at Village – <b>Khurandih</b> & Primary School at Village – <b>Belkonapara</b>	
			Installation of Solar Panel in Primary School at Village – Khurandih	0.65
			Rain water harvesting in Primary School at Village – Belkonapara	0.50
			<b>Total</b>	<b>1.15</b>

The consent letter of the Headmaster of Primary School at Village – Khurandih & Primary School at Village – Belkonapara has been submitted for the CER work to be done.

PP shall ensure the Plantation of trees (as per old EC and given proposal) around the 1 meter mine lease area (area restricted for excavation) and ensuring a 90 percent survival rate of the planted plants and submit geotag photograph to committee.

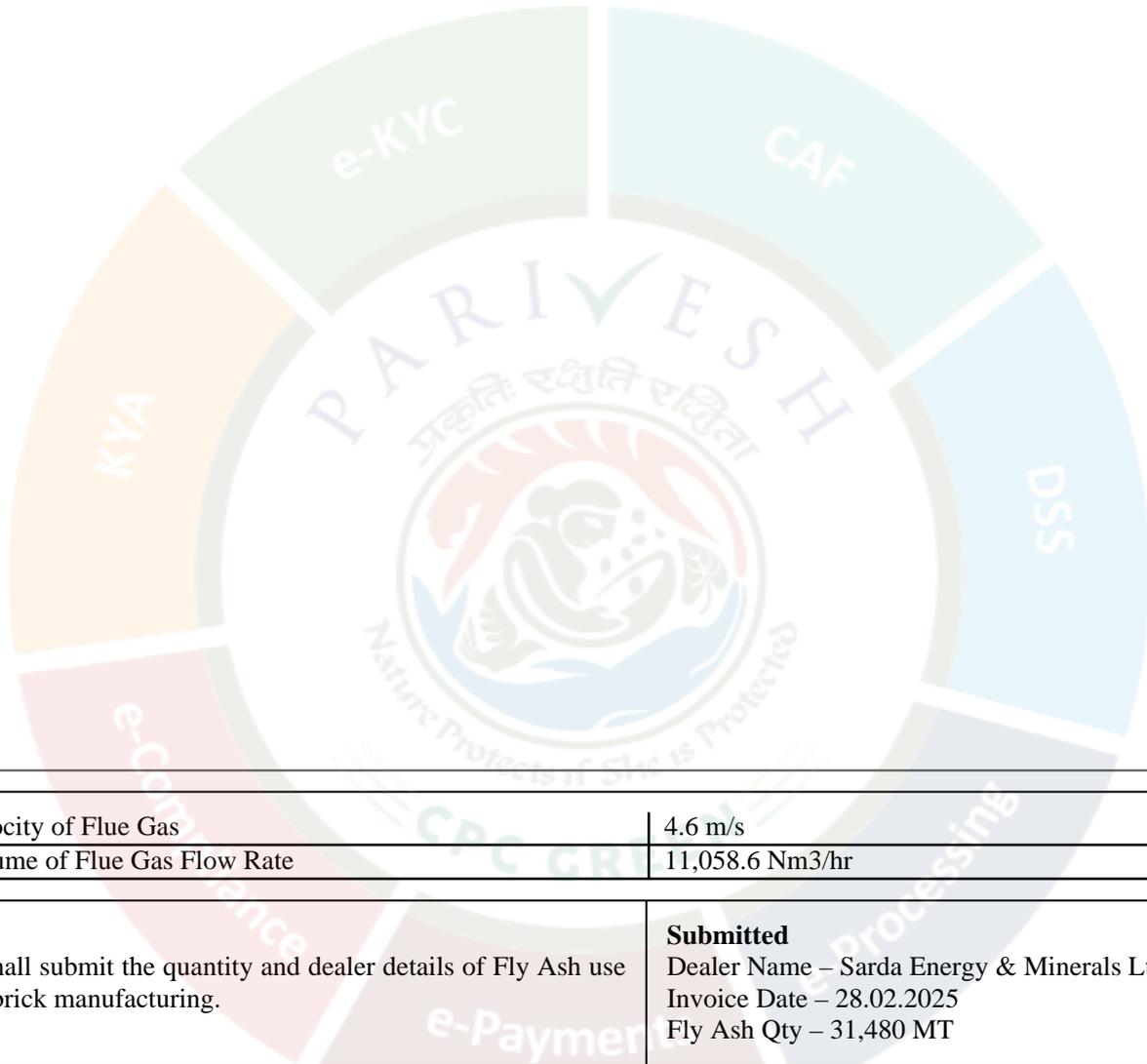
As per the Earlier EC, total 200 nos plants have been planted. Geotag photographs and drone video of plantation is submitted by PP.

PP shall submit the stack monitoring data of chimney.

**Submitted**  
Date of Issue – 18/03/2025  
Date of Sample received – 13/03/2025  
Analysis Duration – 13/03/2025 to 13/03/2025

**Analysis Result:**

Stack attached to	Firing Zone
Type of fuel used	Coal
Stack height above the ground	35 m
Material of construction	Fire Bricks
Time of Sampling (in Minute)	71 Minutes
Ambient Temperature	39 degree C
Fuel Gas Temperature	153 degree C



Velocity of Flue Gas	4.6 m/s
Volume of Flue Gas Flow Rate	11,058.6 Nm <sup>3</sup> /hr
PP shall submit the quantity and dealer details of Fly Ash used in brick manufacturing.	<b>Submitted</b> Dealer Name – Sarda Energy & Minerals Ltd. Invoice Date – 28.02.2025 Fly Ash Qty – 31,480 MT
PP shall submit the Affidavit regarding convert the brick kiln to Zig-Zag pattern.	<b>Submitted</b>
PP shall submit the revised corrected self-compliance report.	<b>Submitted</b>
PP shall submit the Detail of water uses and its source & permission.	<b>Submitted</b> Quantity – 7 KLD Source - The Water will be arranged through Quarry mine pit & Bore Well. NOC from the concerned Department / Branch – CGWA (Valid form 08/07/2024)

As per the provided documents and information given by the project proponent, the committee unanimously recommended the Environmental Clearance for Earth Clay (Minor Minerals) capacity- 2,370 cum/year in khasra no. 76/7, 76/93, 76/94, 76/95, Area- 1.524 Hectare at Village - Khurandih, Tehsil - Lundra, District – Surguja under the EIA Notification, 2006 (as amended) listed in Schedule 1(a) Mining of minerals Category “B2”.