



सत्यमेव जयते

File No.: OL/REAPP_EC/MIN/BILASPUR/4122
Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment Authority (SEIAA),
CHHATTISGARH)



Dated 10/09/2025



To,

Mr. Raj Kumar Ratre
M/s. Kukurdi Khurd Brick Earth clay Quarry
Village - Kukurdi Khurd, Tehsil - Masturi, District - Bilaspur, Chhattisgarh
ec.rajratre23@gmail.com

Subject: Grant of prior Environmental Clearance (EC) for mining of Earth Clay capacity – 1348 Cum/year at Khasra no. 252/1, 252/2, 252/3, 253, 254/1, 254/2, 254/3, 254/4, 254/5, 254/7, 255/1, 255/2, 256/1, 256/2, 256/3, 257, 258/1, 258/2, 259/1, 259/2, 263/1 & 263/2, Area – 1.017 hectare at Village – Kukurdi Khurd, Tehsil - Masturi, District - Bilaspur, Chhattisgarh as per the EIA Notification 2006-regarding.

Sir/Madam,

This is in reference to your application submitted to SEIAA vide proposal number SIA/CG/MIN/515637/2024 dated 21/12/2024 for grant of prior Environmental Clearance (EC) to Kukurdi Khurd Brick Earth clay Quarry by Mr. Raj Kumar Ratre for mining of Earth Clay capacity – 1348 Cum/year at Khasra no. 252/1, 252/2, 252/3, 253, 254/1, 254/2, 254/3, 254/4, 254/5, 254/7, 255/1, 255/2, 256/1, 256/2, 256/3, 257, 258/1, 258/2, 259/1, 259/2, 263/1 & 263/2, Area – 1.017 hectare at Village – Kukurdi Khurd, Tehsil - Masturi, District - Bilaspur, Chhattisgarh regarding 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.	EC24C0108CG5793864N
(ii) File No.	OL/REAPP_EC/MIN/BILASPUR/4122
(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	Kukurdi Khurd Brick Earth clay Quarry (Without kiln) of Raj Kumar Ratre
(viii) Location of Project (District, State)	BILASPUR, CHHATTISGARH
(ix) Issuing Authority	SEIAA
(x) Applicability of General Conditions	No

SEIAA in its 198th Meeting held on 22/07/2025 perused the case and minutes of the 594th meeting of SEAC-1 held on 12/03/2025. Project proponent submitted the following documents vide their letter dated 22.07.2025 :-

- PP submitted the latest past production of financial year 2023-24 and 2024-25 issued by Deputy Director vide letter dated 04.07.2025
- Consent of Mr, Sakhiram for applied khasra no 254/2 & 254/4 for mining activities.
- Project proponent submitted the notarized affidavit that the trees present within the mine lease area (except 1 meter wide safety green belt area) will be cut only after the prior permission from the competent authority. Trees present within the 1 meter wide safety green belt area shall not be cut under any circumstances.

It is noted that original application is for mining of Earth clay (Minor Minerals) (without kiln) capacity - 1,348 Cum/year. After deliberation, SEIAA unanimously accepted the recommendation of SEAC-1 and decided to grant environmental clearance for mining of Earth Clay capacity – 1348 Cum/year at Khasra no. 252/1, 252/2, 252/3, 253, 254/1, 254/2, 254/3, 254/4, 254/5, 254/7, 255/1, 255/2, 256/1, 256/2, 256/3, 257, 258/1, 258/2, 259/1, 259/2, 263/1 & 263/2, Area – 1.017 hectare at Village – Kukurdih Khurd, Tehsil - Masturi, District - Bilaspur under the EIA Notification, 2006 (as amended) listed in Schedule 1(a) Mining of minerals under Category “B2”.

3. This Environment Clearance is for mining of Earth Clay capacity – 1348 Cum/year at Khasra no. 252/1, 252/2, 252/3, 253, 254/1, 254/2, 254/3, 254/4, 254/5, 254/7, 255/1, 255/2, 256/1, 256/2, 256/3, 257, 258/1, 258/2, 259/1, 259/2, 263/1 & 263/2, Area – 1.017 hectare at Village – Kukurdih Khurd, Tehsil - Masturi, District - Bilaspur, 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 22/07/2025. 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 12/03/2025, 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, Bilaspur, District- Bilaspur (C.G.) for information and necessary action.
7	Regional Officer, Regional Office, Chhattisgarh Environment Conservation Board, Bilaspur for information and necessary action.

Annexure 1

Specific EC Conditions for (Mining Of Minerals)

1. Specific Condition

S. No	EC Conditions
1.1	<ol style="list-style-type: none"> 1. PP shall submit the compliance report for plantation over entire safety zone area along with geotag photography and drone survey photography on or before September 2025. 2. Project Proponent shall ensure that the trees shall be cut (except 1 meter safety belt all along the boundary) only after the prior permission from the competent authority. Project Proponent shall also ensure that the existing trees present in the 1 meter safety belt all along the mine boundary shall not be cut under any circumstances.

Standard EC Conditions for (Mining of minerals)

1. Statutory Compliance

S. No	EC Conditions
1.1	<p>Additional Conditions:</p> <ol style="list-style-type: none"> 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. 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. 3. The Project proponent shall ensure minimum 90% survival rate of plantation after 5 years. 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. 5. The mining should be carried out in accordance to approved mine plan and as per provisions of applicable Minor minerals Rules 2015. 6. The PP shall arrange water sprinkling at required interval over dust generating points and haul roads to minimize the fugitive dust generation. 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. 8. The mineral transportation shall be carried out through covered trucks only and the vehicles carrying the mineral shall not be overloaded. 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. 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. 11. The PP shall make arrangement for energy conservation and promote the use of non-conventional energy like solar lights. 12. The CER Plan should be implemented within one year and it should be operated and maintained till the mine closure plan is implemented.

S. No	EC Conditions
	<p>13. Employment to the local people should be provided under the Chhattisgarh Model Rehabilitation Policy.</p> <p>14. Project proponent shall not cut any Green Trees of lease area without the permission of District Collector.</p> <p>15. Project proponent shall ensure that no excavation is carried out in the non-mining area.</p> <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. 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>Statutory compliance:</p> <ol style="list-style-type: none"> 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. 2. The project proponent shall prepare a Site-Specific Conservation Plan & 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). 3. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee. 4. The project proponent shall obtain the necessary permission from the Central Ground Water Authority. 5. Solid/hazardous waste generated in the mines needs to address in accordance to the Solid Waste Management. 6. Permission of power supply to be taken from the concerned authority for meeting power demand of the project site. 7. The maximum production or peak production at any given time shall not exceed the limit as prescribed in the EC. 8. Validity of EC will be till life of mine or 30 years from the grant of mining lease (i.e. 07.03.2041), whichever is earlier as per EIA Notification, 2006 and its amendment therein. <p>Air quality monitoring and mitigation measure:</p> <ol style="list-style-type: none"> 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, SO₂ and NO_x. 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

S. No	EC Conditions
	<p>Board. Online ambient air quality monitoring station/stations may also be installed in addition to the regular air monitoring stations as per the requirement and/or in consultation with the SPCB.</p> <p>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.</p> <p>3. Major approach roads shall be properly maintained.</p> <p>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.</p> <p>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.</p> <p>6. Post environmental closure third party monitoring by reputed instituted in air quality, water, land & 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&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.</p> <p>Water quality monitoring and mitigation measures:</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>4. Rainwater harvesting shall be implemented for conservation and augmentation of ground water resources.</p> <p>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.</p> <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</p>

S. No	EC Conditions												
	<p>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>Mining Plan:</p> <p>1. Mining shall be carried out under strict adherence to provisions of the Mines Act 1952 and subordinate legislations made there-under as applicable.</p> <p>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.</p> <p>3. Efforts should be made to reduce energy and fuel consumption by conservation, efficiency improvements and use of renewable energy.</p> <p>Land Reclamation:</p> <p>1. A separate team for subsidence monitoring and surface mitigation measures shall be constituted and continuous monitoring & implementation of mitigation measures be carried out.</p> <p>2. Native tree species shall be selected and planted over areas affected by subsidence.</p> <p>Corporate Environment Responsibility:</p> <p>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 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> <table border="1" data-bbox="336 1758 1471 2018"> <thead> <tr> <th colspan="4">CER Details :</th> </tr> <tr> <th>Capital Investment (in Lakh Rupees)</th> <th>Percentage of Capital Investment to be Spent</th> <th>Amount Required for Activities (in Lakh Rupees)</th> <th>Amount Proposed & Details for CER Activities (in Lakh Rupees)</th> </tr> </thead> <tbody> <tr> <td>53.5</td> <td>2%</td> <td>1.07</td> <td>Following activities at PM Shree shashkiya prathmik shaala at Village – Kukurdih kala</td> </tr> </tbody> </table>	CER Details :				Capital Investment (in Lakh Rupees)	Percentage of Capital Investment to be Spent	Amount Required for Activities (in Lakh Rupees)	Amount Proposed & Details for CER Activities (in Lakh Rupees)	53.5	2%	1.07	Following activities at PM Shree shashkiya prathmik shaala at Village – Kukurdih kala
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53.5	2%	1.07	Following activities at PM Shree shashkiya prathmik shaala at Village – Kukurdih kala										

S. No	EC Conditions			
			Installation of RWH system	0.6845
			Total	0.6845
	<p>Installation of Rain Water Harvesting system shall be done under the provisions of Corporate Environment Responsibility at PM Shree shashkiya prathmik shaala at Village – Kukurdih kala. The total amount of expenses in the CER will be Rs. 68,445. The consent of the headmaster of school has been submitted by the project proponent.</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 Responsibility activities.</p>				
<p>Miscellaneous:</p>				
<ol style="list-style-type: none"> 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. 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. 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. 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. 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. 6. The project authorities shall inform to the Regional Office of the MOEFCC regarding commencement of mining operations. 7. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government. 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&CC). 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. 10. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory. 11. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions. 12. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. 				

S. No	EC Conditions
	<p>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 & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, and the Public Liability Insurance Act, 1991 along with their amendments and Rules 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

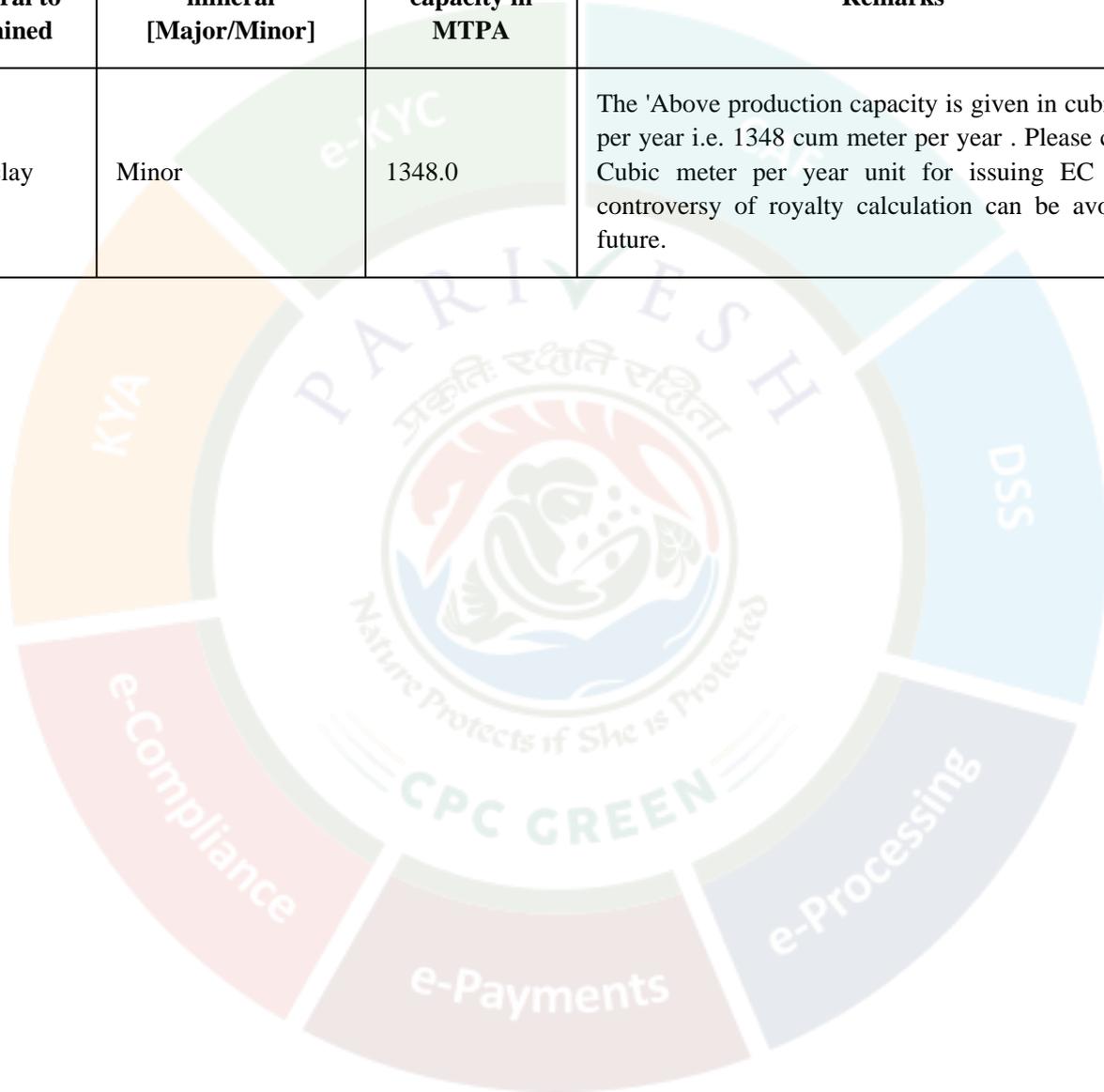
Details of the Project

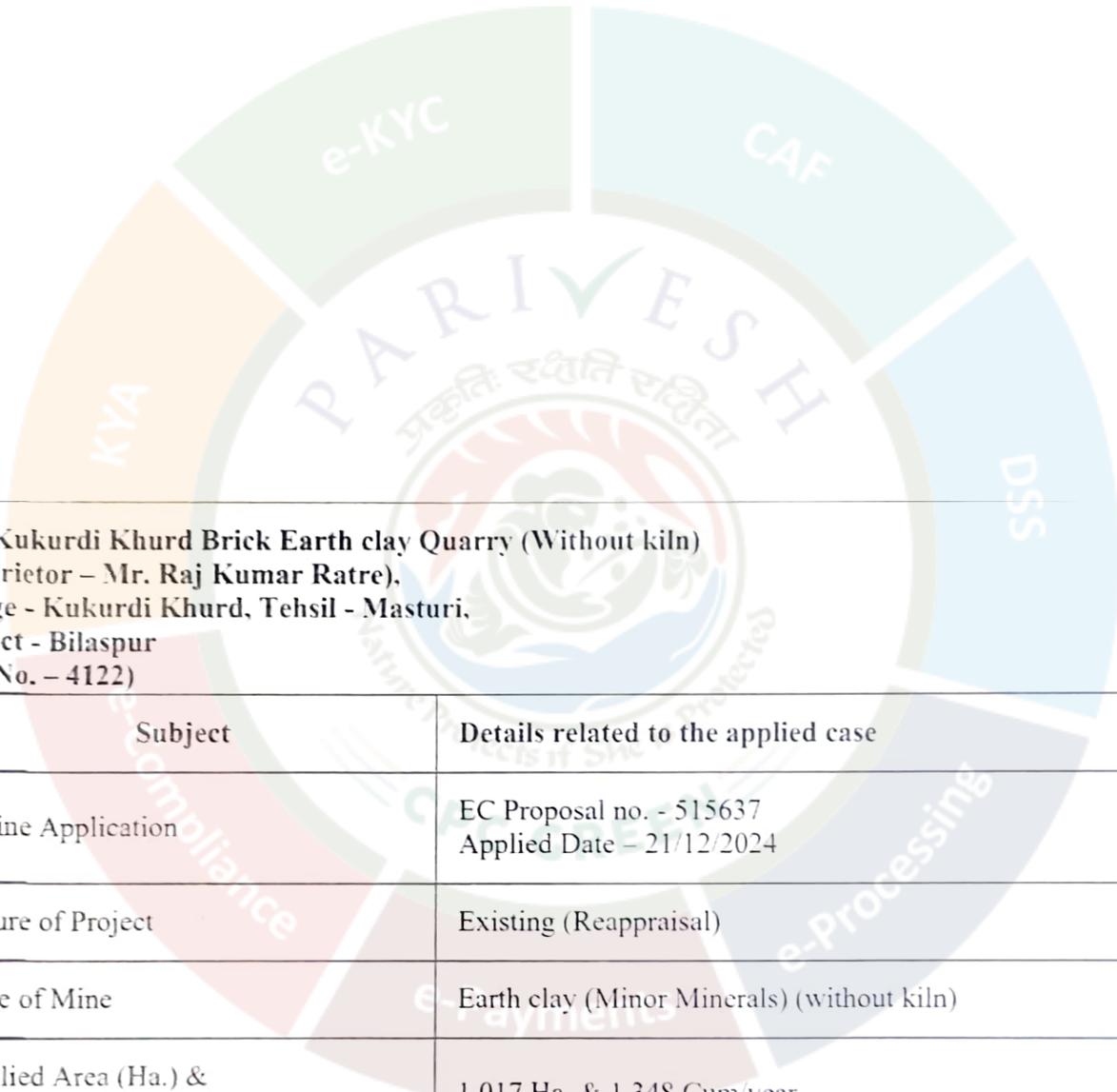
S. No.	Particulars	Details	
a.	Details of the Project	Kukurdi Khurd Brick Earth clay Quarry (Without kiln) of Raj Kumar Ratre	
b.	Latitude and Longitude of the project site	21.71600546976953,82.3793813556042 21.71729208636407,82.38048789536471	
c.	Land Requirement (in Ha) of the project or activity	Nature of Land involved	Area in Ha
		Non-Forest Land (A)	1.017
		Forest Land (B)	0
		Total Land (A+B)	1.017
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)	30.00	
g.	EMP Cost (in lacs)	13.41	

S. No.	Particulars	Details
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
Earth clay	Minor	1348.0	The 'Above production capacity is given in cubic meter per year i.e. 1348 cum meter per year . Please consider Cubic meter per year unit for issuing EC so that controversy of royalty calculation can be avoided in future.





M/s. Kukurdi Khurd Brick Earth clay Quarry (Without kiln)
(Proprietor – Mr. Raj Kumar Ratre),
Village - Kukurdi Khurd, Tehsil - Masturi,
District - Bilaspur
(File No. – 4122)

Subject	Details related to the applied case
Online Application	EC Proposal no. - 515637 Applied Date – 21/12/2024
Nature of Project	Existing (Reappraisal)
Type of Mine	Earth clay (Minor Minerals) (without kiln)
Applied Area (Ha.) & Capacity	1.017 Ha. & 1,348 Cum/year
Khasra no.	252/1, 252/2, 252/3, 253, 254/1, 254/2, 254 3, 254/4, 254 5, 254/7, 255/1, 255/2, 256/1, 256/2, 256 3, 257, 258 1, 258/2, 259 1, 259/2, 263/1 & 263/2
Land	Private
Land Owner's Name (If Private) & Consent	Khasara no. 252/1 is in the name of Mr. Manharan Khasara no. 252/2 is in the name of Mr. Ishwar Khasara no. 252/3 is in the name of Mr. Ramkumar Khasara no. 253, 255/1, 255/2, 257, 258 1 & 263 2 are in the name of Mr. Rajkumar ratre Khasara no. 254/1, 254/3, 254/5 & 254/7 are in the name of Mr. Dev

	prasad, Nawa teejan bai, Gangotri and Mahetarin Khasara no. 254/2 & 254/4 are in the name of Sakhiram Khasara no. 256/1 & 259/2 are in the name of Ramshila Khasara no. 256/2 is in the name of Mr. Laalji Khasara no. 256/3 & 259/1 are in the name of Chatbai Khasara no. 258/2 is in the name of Mr. Dhanushram and Sasdhu Khasara no. 263/3 is in the name of Mr. Ram kanwar, Rajendra, Raj kumar, Rajesh, Sureela and Shusheela Consent of land owner – Submitted Consent of Mr, Sakhiram-is not submitted for applied khasra no 254/ 2 & 254/4	
Details of Meeting	Intimation Email for Presentation Date : 10/03/2025 594th Meeting of SEAC-1 Dated 12/03/2025	
Representatives present for presentation	Mr. Ultra kumar ratre. Authorized Representatives Consent of Authorized Representatives- Submitted	
Details of Old EC	Name- Mr. Raj Kumar Ratre Type of Mine – Earth clay Brick (Minor Minerals) Khasra number – 252/1, 252/2, 252/3, 253, 254/1, 254/2, 254/3, 254/ 4, 254/5, 254/7, 255/1, 255/2, 256/1, 256/2, 256/3, 257, 258/1, 258/ 2, 259/1, 259/2, 263/1 & 263/2 Area – 1.017 Ha. Capacity – 1,348 Cum/year Date – 15/10/2018 Validity period – Up to Lease period (21/02/2049) issued by DEIAA District – Bilaspur	
Compliance Report of Old EC	Submitted : Yes	
Past Production certified by the Mineral Department (Year wise)	Date : 22/06/2023	
	Financial Year	Actual Production (Cum)
	2020-21	800
	2021-22	200
	2022-23	1300
Gram Panchayat NOC	Village – Kukurdi kala Date : 14/12/2023	
Approved Mining Plan	Date : 05/06/2018	
500 meter	Date : 22/06/2023 No. of other mines – Nil, Area – Nil	
200 meter	Date : 22/06/2023 Restricted Area – No	
	Name of Leasee – Mr. Raj Kumar Ratre Date - 22 02/2019 to 21/02/2049	

	Validity Period – 30 Years
Forest Department NOC	Date : 10/10/2023 Issued by Divisional Forest Officer, Bilaspur Forest Division Bilaspur Distance from Nearest Forest – 5.67 km National park / wildlife sanctuary / Bio diversity zone – more than 10 km
Nearest Habitation/Structure	Village – Kukurdikhurd 630 meter School - Kukurdikhurd 1.35 km Hospital - Masturi 32 km National Highway – 8.10 km State Highway – 17.15 km River - 240 meter Pond - 670 meter Nalla - 1.1 km Canal - 1.35 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 Manually Drilling and Blasting – No According to mining Plan Reserves Geological Reserves – 20,340 Cum Minable Reserves – 19,111 Cum Recoverable Reserves – 17,200 Cum Balance reserve Geological Reserves – 18,040 Cum Minable Reserves – 16,811 Cum Recoverable Reserves – 14,900 Cum Proposed Depth – 2 meter Bench Height – 1 Meter Bench width – 1 Meter Life of Mine – 14 Years Kiln Area – Nil Fly Ash - 50% Coal requirement for 1 Lakh bricks – ... Tonnes Year Wise Proposed Clay Production Detail – 1st Year – 1,337 Cum 2nd Year – 1343 Cum 3rd Year – 1,348 Cum 4th Year – 1,341 Cum
Restricted Area for Mine (Mine Safety Area)	Area of 1 m wide safety zone – 409.21 Sqm Excavated – No
Non mining zone	No
Water Requirement	Quantity – 6 KLD Source – Bore well NOC from the concerned Department / Branch - CGWA
Plantation Work	Total Plantation Possible over available land - 203 nos.

		As per terms of EC number of saplings already planted – Nil Plantation to be planted in re-new EC - 203 nos. Total amount proposed for plantation and 5 year maintenance Rs. 1 3,41,550 /-		
Affidavit related to the project		Affidavit Submitted regarding:		
Category		B2 The total area of the applied mine is 1.017 hectares		
Total Project Cost		Rs. 30.00 Lakhs		
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)
53.5	2%	1.07	Following activities at PM Shree shashkiya prathmik shaala at Village – Kukurdih kala	
			Installation of RWH system	0.6845
			Total	0.6845
Installation of Rain Water Harvesting system shall be done under the provisions of Corporate Environment Responsibility at PM Shree shashkiya prathmik shaala at Village – Kukurdih kala. The total amount of expenses in the CER will be Rs. 68,445. The consent of the headmaster of school has been submitted by the project proponent.				
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