

### **Minutes of 775<sup>th</sup> SEAC-2 Meeting Dated 18/08/2023**

The 775<sup>th</sup> meeting of SEAC-2 was held in the Directorate of Environment, U.P. through dual-mode (physically/virtually) at 10:00 AM on 18/08/2023. Following members participated in the meeting:

- |    |                             |                             |
|----|-----------------------------|-----------------------------|
| 1. | Dr. Harikesh Bahadur Singh, | Chairman, SEAC-2            |
| 2. | Dr. Amrit Lal Haldar,       | Member, SEAC-2              |
| 3. | Dr. Dineshwar Prasad Singh, | Member, SEAC-2 (through VC) |
| 4. | Shri Tanzar Ullah Khan,     | Member, SEAC-2              |
| 5. | Prof. Jaswant Singh,        | Member, SEAC-2 (through VC) |
| 6. | Dr. Shiv Om Singh,          | Member, SEAC-2              |
| 7. | Shri Ashish Tiwari,         | Member Secretary, SEAC-2    |

The Chairman welcomed the members to the 775<sup>th</sup> SEAC-2 meeting which was conducted via dual-mode (virtually/physically). Nodal Officer, SEAC-2 informed the committee that the agenda has been approved by the Member Secretary, SEAC-2/Director Environment. Nodal Officer, SEAC-2 placed the agenda items along with the available file and documents before the SEAC-2.

**1. Expansion of 65 KLD Grain Based Ethanol of Existing Distillery Unit at 9 th Km, Modinagar-Hapur Road, Village Bhojpur, Tehsil Modinagar, Dist. Ghaziabad, Shri J P Gupta, M/s Ghaziabad Organics Limited, File No. 7810/ Proposal No. SIA/UP/IND2/427013/2023**

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent (Authorized person) along with their consultant M/s Paramarsh servicing environment and development. During the presentation the project proponent (Authorized person) /consultant informed the committee that the environmental clearance for the existing project were issued by MoEF&CC, Govt. of India vide letter no. J-11011/143/2003-IA.II(I), dated 23/12/2005 for 50 KLPD molasses based distillery unit at Village-Bohjpur, Tehsil-Modinagar, District-Ghaziabad, U.P., by the name of M/s Ghaziabad Organics Limited. Industry also obtained the certificate for no increase in pollution load due to change of raw material from molasses to grain from UPPCB Lucknow vide letter no.82/UPHOC1/EIA/Ghaziabad/2022 dated 01/01/2022.

The project proponent planned to expansion of the existing unit by increasing grain based ethanol production (65 KLD) with modification/addition of some units within the existing premises. The total ethanol production capacity after the proposed expansion by using grain as a raw material will be 115 KLD (Existing 50 KLD + proposed 65 KLD). The ethanol produced from the proposed expansion project will be solely used for Ethanol Blended Petrol (EBP) programme of the Government of India.

During the presentation the committee observed that Ministry of Environment, Forest and Climate Change, Govt. of India issued Notification no. S.O. 2339(E), dated 16/06/2021 wherein following provisions has been made:

*(i) In paragraph 4 after sub-paragraph (iii), the following shall be inserted, namely:-*

*(iii a) Such Category 'B' projects, as notified by the Central Government on account of exigencies such as pandemics, natural disasters, or to promote environmentally friendly activities under National Programmes or Schemes or Missions, shall be considered at the Central level as Category 'B' projects;*

*(ii) in the Schedule, against item 5(g), for the entry in column (5), the following shall be substituted:-*

*(b) Expansion of sugar manufacturing units or distilleries for production of ethanol, having Prior Environment Clearance (EC) for existing unit, to be used completely for Ethanol Blended Petrol (EBP) Programme only, as per self-certification in form of an affidavit by the Project Proponent, shall be appraised as category 'B2' projects.*

The committee discussed the matter and is of the opinion that the SEIAA may sent a letter to MoEF&CC, Govt. of India for clarification whether the proposed project appraised at center level as category "B" projects or appraised at state level as category "B2" projects.

The matter will be discussed after receipt of clarification from MoEF&CC, Govt. of India

**2. Riverbed Morrum Mining Project from Yamuna River at Gata No.- 649 to 659 (Khand No.- 10/10 to 10/13), Village- Kataiya, Tehsil - Chail, District - Kaushambi, Area- 20.0 ha., File No. 7738/7290/ Proposal No. SIA/UP/MIN/423562/2023**

**RESOLUTION AGAINST AGENDA NO. 02**

The Secretariat informed the committee that the matter was earlier listed in 769<sup>th</sup> SEAC meeting dated 27/06/2023 and the project proponent did not appear in the meeting and the committee directed the defer the matter from the agenda. The project proponent through online Parivesh Portal on 03/08/2023 has requested to list the matter in next SEAC meeting and the matter was listed in 775<sup>th</sup> SEAC meeting dated 18/08/2023.

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s ENV DAS (I) Pvt. Ltd. The committee discussed the matter and directed the project proponent to submit following information:

1. PP/ Consultant submitted consent of M/s Aman Brick Field to use the baseline monitoring data for the period of October to December, 2020 on simple paper without date & place which is not acceptable. The project proponent directed to submit the consent letter regarding use of monitoring data on notarized affidavit.
2. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted.
3. Proponent/ Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed.
4. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper working map to be submitted.
5. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted.
6. Proponent/consultant shall present TOR additional conditions compliance, observation/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound plan.
7. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it.

8. Submit the hydrological study report of lease area that the quantity given in LoI will be mined without affecting the geo-hydrology of the River.

The matter will be discussed after submission of above information on prescribed portal.

**3. Building Stone (Sand Stone) Mine at Gata No 708 J, Village- Chandlevakalan, Tehsil-Sadar, District- Mirzapur, Shri Devendra Pratap Singh, Area- 1.153 ha, File No. 7816/ Proposal No. SIA/UP/MIN/427467/2023**

The Secretariat informed the committee that the matter was earlier discussed in 756<sup>th</sup> SEAC meeting dated 29/05/2023 and directed the project proponent to submit following information:

1. Original lab analysis report of the project proposal along with photographs of monitoring.
2. Combined KML of all mines in a cluster should be provided.
3. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted.
4. Proponent/ Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement.
5. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted.
6. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted.
7. Proponent/consultant shall present TOR specific/additional conditions compliance, observation/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound plan.
8. Revised Proposal for Corporate Environment Responsibility (CER) to be prepared and presented as per the MoEF guidelines.

The project proponent submitted their replies through online Parivesh Portal on 12/07/2023 and the matter was listed in 775<sup>th</sup> SEAC meeting dated 18/08/2023. The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Cognizance Research India Pvt. Ltd. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for Building Stone Sand Stone Mine at Gata No 708 J, in Village- Chandleva Kalan, Tehsil- Sadar, District- Mirzapur, U.P., (Leased Area 1.153 ha).
2. Salient features of the project as submitted by the project proponent:

On-line proposal No.	SIA/UP/MIN/ 427467 /2023
File No. allotted by SEIAA, UP	7816
Name of Proponent	Prop. Shri Devendra Pratap Singh S/o Shri Musafir Singh
Full correspondence address of proponent	R/o Chuppepur, Ramashankar Nagar Colony, District- Varanasi (U.P.)
Mobile No-	-
Email	-
Name of Project	Chandleva Kalan Building stone Sand Stone Mining project
Project location (Plot/Khasra/Gata No.)	Gata No 708 J
Name of River	-
Name of Village	Chandleva Kalan
Tehsil	Sadar
District	Mirzapur
Name of Minor Mineral	Building Stone Sand Stone
Sanctioned Lease Area (in Ha.)	1.153 ha
Max & Min mRL within lease area	Max- 132.0 mRL & 126.0 mRL
Pillar Coordinates (Verified by DMO)	Sanctioned Mining Lease Area

	Pillar No.	Latitude	Longitude
	A	25° 3'11.52"N	82°45'10.41"E
	B	25° 3'10.56"N	82°45'15.56"E
	C	25° 3'07.90"N	82°45'15.10"E
	D	25° 3'09.24"N	82°45'09.82"E
Total Geological Reserves	3,60,224 Cum		
Total Mineable Reserves in LOI	23,060 Cum/year		
Total Proposed Production	23,060 Cum/year		
Proposed Production/year	23,060 Cum		
Sanctioned Period of Mine lease	20 years		
Method of Mining	Open Cast Semi-mechanized Method		
No. of working days	260 days		
Working hours/day	8 hrs		
No. of workers	21		
No. of vehicles movement/day	13		
Type of Land	Government waste land		
Ultimate Depth of Mining	30		
Nearest metalled road from site	2.0 km		
Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.21	
	Suppression of dust	1.54	
	Plantation	1.16	
	Others (if any)	0.21	
	Total	3.12	
Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt. Ltd. Certificate no. NABET/EIA/1922/SA 0186, Validity- 10-09-2023		
Any litigation pending against the project or land in any court	No		
Details of 500 m Cluster Map & certificate issued by Mining Officer	Yes, certified Ref. No. 2912/Khanij/2023, Dated 10.02.2023		
Details of Lease Area in approved DSR	Yes, given in the DSR at Page No. 32 sl. No. 36 and Page No. 33 sl. No. 38		
Proposed CER cost	Rs 1,00,000/-		
Proposed EMP cost	Capital Cost-Rs 11,53,000/- Recurring Cost- 5,08,000/-		
Length and breadth of Haul Road	Length: 0.128 km, width: 6 m		
No. of Trees to be Planted	1153 plants		

- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- There is no litigation pending in any court regarding this project.
- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 28/04/2023 mentioning is as follows:

- I, Ankur Sharma, S/o Lalit Mohan Sharma is EIA Coordinator of Cognizance Research India Pvt. Ltd.
- I have prepared Form-1, PFR and EMP for the project Building Stone Sand Stone Mine at Gata No 708 J, in Village- Chandleva Kalan, Tehsil- Sadar, District- Mirzapur, U.P., (Leased Area 1.153 ha) with my team.
- I have personally visited the site of proposal and certify that no mining activity has been undertaken on the project site for the present proposal.

4. I am satisfied with that all the necessary data/information required for Form-1, PFR and EMP report of the project preparation are true and correct.
5. I certify that this project has been uploaded for first time on Parivesh portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and hard copy/presentation submitted which will be submitted after acceptance of application.
7. The Form-1, PFR and EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/ NABET.

**RESOLUTION AGAINST AGENDA NO. 03**

**The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-1 to these minutes. The committee also stipulated the following additional conditions:**

1. Project proponent has committed to plant 1000 number of trees/hectare. The project proponent/consultant if desires may approach to concerned District Forest Authority to plant 1000 trees/ha on a land available to the Forest Department. The project proponent will deposit the required amount for this entire plantation work (including its maintenance and security) to the Forest Department.
2. The project proponent shall install solar light in their site office.
3. During the submission of 6 monthly compliance reports, the project proponent should make sure that the periodically taken site photographs should also be annexed along with the compliance report.
4. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
5. The maximum height of the bench should be 06 meters and the width of the bench should be at least twice the height of the bench as per the mine plan approval letter by DGM, U.P
6. In case the blasting is proposed during a mining operation, the project proponent needs to assess its impact on the displacement of human beings/wild animals/birds/other species, and the suitable measures proposed and taken for their rehabilitation and resettlement need to be clearly described in first 6 monthly compliance report.
7. The project proponent shall submit a final mine closure plan/Exit protocol for rehabilitation of mined-out land to match its surrounding land use 3years before the closure of the mine to SEIAA, UP and Department of Mines and Geology, UP for approval. The project proponent shall ensure the implementation of the approved plan under the supervision of the Dept. of Mines and Geology.
8. The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flow from the quarry area. The surface runoff rainwater harvesting and other water conservation measures on a long-term basis are to be taken in consultation with the Central/State Groundwater Board. The water so collected should be utilized for watering the haulage area, roads, and green belt development, etc.
9. The project proponent shall take all suitable measures to prevent pollution of groundwater and nearby water bodies in consultation with the State Pollution Control Board and consent to operate (if applicable) should be obtained from the State Pollution Control Board before the start of production from the mine.
10. Link Road from the quarry site to the main road shall be constructed as an all-weather road with blacktopping and maintained by the project proponent.
11. Vehicular emissions should be kept under control and regularly monitored. Suitable measures shall be taken for proper maintenance of vehicles used in a quarry operation and transportation.
12. The project proponent should explore the possibilities of rainwater harvesting.
13. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.
14. Latest technology (water sprinklers/ tankers) to be adopted for mitigating dust at source points in lease area and haulage road during operational activity/vehicular movement.

15. As per the proposed plan, plantation with area specific plant species, number of plants to be Planted and report of green belt development to be submitted to the Forest Department, UPPCB and Directorate of Environment, U.P.

**4. “Ordinary Soil Excavation Project” at Gata No. 94, 95, 97, 98, 99, Village- Manpur Mujjaffarpur, Tehsil-Kanth, District-Moradabad, Shri Pradip Kumar, Area: 1.0920 Ha., File No. 8026/ Proposal No. SIA/UP/MIN/434684/2023**

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Earthvision India Associate Consultants. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for “Ordinary Soil Excavation Project” at Gata No. 94, 95, 97, 98, 99, Village- Manpur Mujjaffarpur, Tehsil-Kanth, District-Moradabad, U.P., (Leased Area: 1.0920 Ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/434684/2023			
2.	File No. allotted by SEIAA,UP	8026			
3.	Name of Proponent	Shri Pradip Kumar S/o Shri Rajendra Singh			
4.	Registered Address	R/o- Village- Pachokra Khanpur, Post- Kuchawai, District- Moradabad, Uttar Pradesh.			
5.	Full correspondence address of proponent and mobile no.	R/o- Village- Pachokra Khanpur, Post- Kuchawai, District- Moradabad, Uttar Pradesh.			
		Mobile no.-			
		E-mail ID-			
6.	Name of Project	Ordinary Soil Mining Project			
7.	Project location Khasra No	Gata No.- 94, 95, 97, 98, 99			
8.	Name of Village	Manpur Mujjaffarpur			
9.	Tehsil	Kanth			
10.	District	Moradabad, Uttar Pradesh.			
11.	Name of Minor Mineral	Ordinary Soil			
12.	Sanctioned Lease Area (in Ha.)	1.0920 Ha.			
13.	Max. & Min mRL within lease area	The highest level is 131.0mRL & The lowest level is 128.0 mRL			
14.	Pillar Coordinates (Verified by DMO)	Gata No.	Pillar	Latitude	Longitude
		94	A	28°58'16.79"N	78°41'5.89"E
			B	28°58'17.22"N	78°41'5.39"E
			C	28°58'17.95"N	78°41'6.17"E
			D	28°58'17.46"N	78°41'6.66"E
		95	A	28°58'17.36"N	78°41'6.94"E
			B	28°58'18.01"N	78°41'6.27"E
			C	28°58'19.98"N	78°41'7.79"E
			D	28°58'19.24"N	78°41'8.71"E
		97	A	28°58'16.19"N	78°41'6.59"E
			B	28°58'16.77"N	78°41'5.95"E
			C	28°58'17.39"N	78°41'6.72"E
			D	28°58'16.79"N	78°41'7.40"E
		98	A	28°58'15.39"N	78°41'7.41"E
			B	28°58'16.07"N	78°41'6.78"E
			C	28°58'16.70"N	78°41'7.65"E
D	28°58'16.34"N		78°41'8.06"E		
E	28°58'16.04"N		78°41'7.73"E		
F	28°58'15.70"N		78°41'7.91"E		

		99	A	28°58'15.69"N	78°41'8.79"E
			B	28°58'16.81"N	78°41'7.71"E
			C	28°58'17.09"N	78°41'8.16"E
			D	28°58'17.10"N	78°41'8.45"E
			E	28°58'17.27"N	78°41'8.88"E
			F	28°58'16.52"N	78°41'9.65"E
15.	Period of agreement between Project proponent & Land Owner	3 Months			
16.	Mine Plan approval details	Letter No. 318/ Khanij/2023 Dated 21-06-2023			
17.	Validity of Mine Plan	3 Months			
18.	Total Proposed Production	20638 M <sup>3</sup>			
19.	Proposed Production/Day	229.31 M <sup>3</sup>			
20.	Method of Mining	Opencast/ Semi Mechanized			
21.	No. of workers	15 Workers			
22.	Type of Land	Private Land			
23.	Ultimate Depth of Mining	2.30 m			
24.	Water Requirement	S. No.	Purpose		Water Requirement (KLD)
		1	Dust Suppression		3.00
		2	Plantation		0.50
		3	Domestic (Drinking)		0.225
		Total		3.725 KLD	
25.	Name of QCI Accredited Consultant with QCI No and period of validity	M/s Earthvision India Associate Consultants, QCI NABET/EIA/2124/IA 0077 Valid till 24.02.2024			
26.	Any litigation pending against the project or land in any court	No			
27.	Areas which are important or sensitive for ecological reasons – Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests, protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, migration	None			
28.	Details of 500 m Cluster certificate & Map Verified by Mining Officer	Letter No. 317/ Khanij/2023 Dated 21-06-2023			
29.	Proposed CER cost	Rs. 35,050/-			
30.	Proposed EMP cost	Rs. 90,000/-			
31.	No. of Trees to be Planted.	100			
32.	Detail of CTE/CTO issued by UPPCB	NA			

3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
4. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
5. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
6. There is no litigation pending in any court regarding this project.
7. The project proposal falls under category–1(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 17/08/2023 mentioning is

as follows:

1. I, Brij Mohan Singh Negi, S/o K.S. Negi is EIA Coordinator of M/s M/s Earthvision India Associate Consultants.
2. I have prepared EIA/EMP report for the proposal EC in Name of Shri Pradeep Kumar S/o Shri Rajendra Singh with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information submitted along with Application/EIA/EM are true and correct.
5. I certify that this project proposal has not been previously uploaded on parivesh portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. The EIA/EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

**RESOLUTION AGAINST AGENDA NO. 04**

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-3 to these minutes.

**5. Building Sand stone, Mining project at Gata No-21/2 Village-Latifpur, Tehsil-Chunar, District-Mirzapur, Shri Ras Bihari Singh, Area: 1.618 Ha., File No. 8020/7346/ Proposal No. SIA/UP/MIN/435033/2023**

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Ind Tech House Consult. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for Building Stone (Sandstone) Mining at Gata No.- 21/2, Village- Latifpur, Tehsil-Chunar , District-Mirzapur, U.P., (Leased Area -1.618 Ha.).
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 329/Parya/SEIAA/7346/2022 dated 19/01/2023
3. The Public Hearing was organized on 19/05/2023. Final EIA Report was submitted by the Project Proponent on 30/06/2023.
4. Salient features of the project as submitted by the project proponent:

1	On Line Proposal No.	SIA/UP/MIN/435033/2023
2	File No. allotted by SEIAA, UP	8020/7346
3	Name of Proponent	Shri. Rasbihari Singh
4	Full correspondence address of proponent and mobile no.	Shri. Rasbihari Singh R/o HinautiMafi, Thana- Adalhaat, Chunar, Mirzapur, Uttar Pradesh
5	Name of Project	Building stone (Sandstone) Mining project named Shri Rasbihari Singh at Gata No'-21/2 Village-Latifpur, Tehsil-Chunar, District-Mirzapur, U.P. Area 1.618 Ha
6	Project Location(Plot.Khsra/Gata/Araji No.)	Gata No'-21/2
7	Name of Village	Latifpur
8	Tehsil	Chunar
9	District	Mirzapur (U.P.)
10	Name of Minor Mineral	Building Stone (Sandstone)
11	Sanctioned Lease Area (in Ha.)	1.618 Ha
12	Max. & Min mRL within lease area	131.5 mRL to 129 mRL respectively

13	Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude
		A	24°59'16.82"N	83° 1'07.35"E
		B	24°59'20.14"N	83°1'10.93"E
		C	24°59'21.18"N	83°1'11.21"E
		D	24°59'23.46"N	83°1'15.32"E
		E	24°59'21.05"N	83°1'15.90"E
		F	24°59'16.11"N	83°1'07.92"E
14	Total Geological Reserves	9,13,892 m <sup>3</sup>		
15	Total Mineable Reserve in LOI	48,540 m <sup>3</sup> / Annum		
16	Total Proposed Production	48,540 m <sup>3</sup> / Annum		
17	Sanctioned Period of Mine lease	20 Years		
18	Production of mine/day	162 m <sup>3</sup> /Day		
19	Method of Mining	Open cast Manual/ Semi Mechanized Mining		
20	No. of working days	300 Days		
21	Working hours/day	8 Hours		
22	No. of worker	30 Workers		
23	No. of vehicles movement/day	18 Trucks/Day (Depending on market demand)		
24	Type of Land	Govt. Land		
25	Ultimate of Depth of Mining	20.0 m		
26	Nearest metalled road from site	1.0 Km		
27	Water Requirement	PURPOSE	REQUIREMENT (KLD)	
		Drinking	0.30 KLD	
		Suppression of dust	1.02 KLD	
		Plantation	0.32 KLD	
		Others (if any)		
		Total	1.64 KLD	
28	Name of QCI Accredited Consultant with QCI No and period of validity.	Ind Tech House Consult QCI /NABET/ENV/ACO/23/2808 Period of Validity- 31-10-2023		
29	Any litigation pending against the project or land in any court	No		
30	Details of 500 m Cluster Map & Certificate verified by Mining Officer	Letter No. 1713/Khanij/2022, Dated 16/9/2022		
31	Details of Lease Area in approved DSR	Page No'-56 Sr. No'-113 Shuddhi Patra vide Letter No: 2216/Khanij/DSR/2022 dated 21.11.2022		
32	Proposed CER cost	2% of total project cost i.e. Rs.2.90 Lakhs		
33	Proposed EMP cost	12.96 Lakhs		
34	Proposed Project cost	1.44 Crore		
35	Length and breadth of Haul Road	170 m Length & 6m width haulage road		
36	No. of Trees to be Planted	160 Trees/Year		
37	Baseline Monitoring Period	October 2022 to December 2022 (Post Monsoon Season)		

5. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
6. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
7. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
8. There is no litigation pending in any court regarding this project.
9. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 18/08/2023 mentioning is as follows:

1. I, Umesh Pratap Singh Chauhan, S/o Late Surya Pal Singh Chauhan am EIA Coordinator of Ind Tech House Consult.

2. I have prepared the EIA report for the Proposal (SIA/UP/MIN/435033/2023), Project Name- Shri. Rasbihari Singh Building Stone (Sandstone) Mining Project at Gata No.-21/2 Village-Latifpur, Tehsil-Chunar, District-Mirzapur, Uttar Pradesh. Area 1.618 Ha with my team.
3. I have personally visited the site of proposal and certify that no mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information required submitted along with Application/EIA are true and correct.
5. I certify that this project has been uploaded for this first time on Parivesh portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and hard copy/presentation submitted which will be submitted after acceptance of application.
7. The EIA report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

**RESOLUTION AGAINST AGENDA NO. 05**

**The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-1 to these minutes. The committee also stipulated the following additional conditions:**

1. Project proponent has committed to plant 1000 number of trees/hectare. The project proponent/consultant if desires may approach to concerned District Forest Authority to plant 1000 trees/ha on a land available to the Forest Department. The project proponent will deposit the required amount for this entire plantation work (including its maintenance and security) to the Forest Department.
2. The project proponent shall install solar light in their site office.
3. During the submission of 6 monthly compliance reports, the project proponent should make sure that the periodically taken site photographs should also be annexed along with the compliance report.
4. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
5. The maximum height of the bench should be 06 meters and the width of the bench should be at least twice the height of the bench as per the mine plan approval letter by DGM, U.P
6. In case the blasting is proposed during a mining operation, the project proponent needs to assess its impact on the displacement of human beings/wild animals/birds/other species, and the suitable measures proposed and taken for their rehabilitation and resettlement need to be clearly described in first 6 monthly compliance report.
7. The project proponent shall submit a final mine closure plan/Exit protocol for rehabilitation of mined-out land to match its surrounding land use 3years before the closure of the mine to SEIAA, UP and Department of Mines and Geology, UP for approval. The project proponent shall ensure the implementation of the approved plan under the supervision of the Dept. of Mines and Geology.
8. The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flow from the quarry area. The surface runoff rainwater harvesting and other water conservation measures on a long-term basis are to be taken in consultation with the Central/State Groundwater Board. The water so collected should be utilized for watering the haulage area, roads, and green belt development, etc.
9. The project proponent shall take all suitable measures to prevent pollution of groundwater and nearby water bodies in consultation with the State Pollution Control Board and consent to operate (if applicable) should be obtained from the State Pollution Control Board before the start of production from the mine.
10. Link Road from the quarry site to the main road shall be constructed as an all-weather road with blacktopping and maintained by the project proponent.
11. Vehicular emissions should be kept under control and regularly monitored. Suitable measures shall be taken for proper maintenance of vehicles used in a quarry operation and transportation.

12. The project proponent should explore the possibilities of rainwater harvesting.
13. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.
14. Latest technology (water sprinklers/ tankers) to be adopted for mitigating dust at source points in lease area and haulage road during operational activity/vehicular movement.
15. As per the proposed plan, plantation with area specific plant species, number of plants to be Planted and report of green belt development to be submitted to the Forest Department, UPPCB and Directorate of Environment, UP.

**6. “Ordinary Soil Excavation Project” at Gata No.- 141, 410, 458, 476, 269, 481, Village-Saheriya, Tehsil- Nawabganj, District-Barabanki, U.P., Shri Anshumaan Mazumdar, Area: 0.8560 Ha., File No. 8024/ Proposal No. SIA/UP/MIN/435220/2023**

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Earthvision India Associate Consultants. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for “Ordinary Soil Excavation Project” at Gata No.- 141, 410, 458, 476, 269, 481, Village-Saheriya, Tehsil- Nawabganj, District-Barabanki, U.P., (Leased Area: 0.8560 Ha.)
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/435220/2023			
2.	File No. allotted by SEIAA,UP	8024			
3.	Name of Proponent	Shri Anshumaan Mazumdar S/o Shri Manish Mazumdar			
4.	Registered Address	R/o- 1/218, Vishal Khand, Gomi Nagar, District- Lucknow, Uttar Pradesh.			
5.	Full correspondence address of proponent and mobile no.	R/o- 1/218, Vishal Khand, Gomi Nagar, District- Lucknow, Uttar Pradesh.			
		Mobile no.-			
		E-mail ID-			
6.	Name of Project	Ordinary Soil Mining Project			
7.	Project location Khasra No	Gata No.- 141, 410, 458, 476, 269, 481			
8.	Name of Village	Saheriya			
9.	Tehsil	Nawabganj			
10.	District	Barabanki, Uttar Pradesh.			
11.	Name of Minor Mineral	Ordinary Soil			
12.	Sanctioned Lease Area (in Ha.)	0.8560 Ha.			
13.	Max. & Min mRL within lease area	The highest level is 136.0mRL & The lowest level is 134.0 mRL			
14.	Pillar Coordinates (Verified by DMO)	Gata No.	Pillar Name	Latitude	Longitude
		141	A	26°53'36.31"N	81°11'9.84"E
			B	26°53'36.76"N	81°11'9.10"E
			C	26°53'37.11"N	81°11'9.41"E
			D	26°53'36.67"N	81°11'10.14"E
		410	A	26°53'27.91"N	81°11'4.77"E
			B	26°53'28.32"N	81°11'3.99"E
			C	26°53'29.06"N	81°11'4.36"E
			D	26°53'28.48"N	81°11'5.69"E
			E	26°53'28.13"N	81°11'5.41"E
			F	26°53'28.23"N	81°11'5.07"E
		458	A	26°53'29.90"N	81°11'8.17"E
			B	26°53'30.66"N	81°11'7.16"E
			C	26°53'31.65"N	81°11'7.83"E
			D	26°53'30.75"N	81°11'8.86"E
		476	A	26°53'27.66"N	81°11'12.55"E
			B	26°53'27.91"N	81°11'11.68"E

			C	26°53'28.85"N	81°11'12.01"E
			D	26°53'28.52"N	81°11'12.92"E
		269	A	26°53'34.92"N	81°11'16.10"E
			B	26°53'35.62"N	81°11'15.26"E
			C	26°53'36.73"N	81°11'16.61"E
			D	26°53'35.96"N	81°11'17.20"E
		481	A	26°53'30.71"N	81°11'13.04"E
			B	26°53'31.65"N	81°11'11.78"E
			C	26°53'32.08"N	81°11'12.07"E
			D	26°53'31.17"N	81°11'13.49"E
15.	Period of agreement between Project proponent & Land Owner	3 Months			
16.	Mine Plan approval details	Letter No. 1343/ A.J.A-2 Dated 03-06-2023			
17.	Validity of Mine Plan	3 Months			
18.	Total Proposed Production	15,289.42 M³			
19.	Proposed Production/Day	169.88 M³			
20.	Method of Mining	Opencast/ Semi Mechanized			
21.	No. of workers	10 Workers			
22.	Type of Land	Private Land			
23.	Ultimate Depth of Mining	2.20 m			
24.	Water Requirement	S. No.	Purpose		Water Requirement (KLD)
		1	Dust Suppression		3.60
		2	Plantation		0.425
		3	Domestic (Drinking)		0.20
		Total		4.225 KLD	
25.	Name of QCI Accredited Consultant with QCI No and period of validity	M/s Earthvision India Associate Consultants, QCI NABET/EIA/2124/IA 0077 Valid till 24.02.2024			
26.	Any litigation pending against the project or land in any court	No			
27.	Areas which are important or sensitive for ecological reasons – Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests, protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, migration	None			
28.	Details of 500 m Cluster certificate & Map Verified by Mining Officer	Letter No. 1395/A.J.A-II Dated 19-06-2023			
29.	Proposed CER cost	Rs. 29,900/-			
30.	Proposed EMP cost	Rs. 90,000/-			
31.	No. of Trees to be Planted.	85			
32.	Detail of CTE/CTO issued by UPPCB	NA			

- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- There is no litigation pending in any court regarding this project.
- The project proposal falls under category–1(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 17/08/2023 mentioning is as follows:

1. I, Brij Mohan Singh Negi, S/o K.S. Negi is EIA Coordinator of M/s M/s Earthvision India Associate Consultants.
2. I have prepared EIA/EMP report for the proposal EC in Name of Shri Anshuman Mazumdar, S/o Shri Manish Mazumdar with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information submitted along with Application/EIA/EM are true and correct.
5. I certify that this project proposal has not been previously uploaded on parivesh portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. The EIA/EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

**RESOLUTION AGAINST AGENDA NO. 06**

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-3 to these minutes.

7. **Building stone “Khandas-Boulder /Gitti-Ballast Mining Project” at Gata No - 643 (Khand No - 19), Village: Goramachiya, Tehsil: Sadar, District: Jhansi, Shri Mayur Agarwal, Area: 2.023 Ha., File No. 8028/6045/ Proposal No. SIA/UP/MIN/435270/2023**

**RESOLUTION AGAINST AGENDA NO. 07**

The project proponent/consultant did not appear. The committee discussed and deliberated that the project file should be closed and be opened only after request from the project proponent. The file shall not be treated as pending at SEAC. The matter will be discussed only after submission of online requests on prescribed online portal.

8. **Building Stone Gitti/ Khanda/Boulder, Mine Arajai No.- 339 (khand No.- 03 old, New 36) Village –Daharra, Tehsil & District – Mahoba, Smt. Sunita Singh, Area- 1.214 ha., File No. 8030/7307/ Proposal No. SIA/UP/MIN/435350/2023**

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Paramarsh Servicing Environment and development. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for Building Stone (Khanda, Gitti , Boulder) mine at Arajai No. /Plot No. – 339, Khand No.–Old-03, New-36, at Village – Daharra, Tehsil & District- Mahoba, Uttar Pradesh, (Leased Area- 1.214 ha).
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 301/Parya/SEIAA/7307/2023 Dated 05/12/2022.
3. The Public Hearing was organized on 24/05/2023. Final EIA Report was submitted by the Project Proponent on 01/07/2023.
4. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	New: SIA/UP/MIN/435350/2023 Old: SIA/UP/MIN/402737/2022
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2.	File No. allotted by SEIAA, UP	8030/7307		
3.	Name of Proponent	Smt. Sunita Singh W/o Late Shri Dinesh Singh		
4.	Full correspondence address of proponent and mobile no.	R/o Kidwai Nagar, Post - Kabrai		
		Tehsil & District – Mahoba, Uttar Pradesh		
		Mobile no. – 9648734156		
		E mail ID - sunitasinghsuppliers@gmail.com		
5.	Name of Project	Building Stone [Khanda, Gitti , Boulder] mine at Arajai No. /Plot No. – 339, Khand No.–Old-03, New-36, Area 1.214 ha (3.00 Acres) at Village – Daharra, Tehsil & District- Mahoba, Uttar Pradesh		
6.	Project Location (Plot. Khasra/Gata No.)	Arajai No. /Plot No. – 339, Khand No.–Old-03, New-36		
7.	Name of River	NA		
8.	Name of Village	Village – Daharra		
9.	Tehsil	Mahoba		
10.	District	Mahoba		
11.	Name of Minor Mineral	Building Stone [Khanda, Gitti , Boulder]		
12.	Sanctioned Lease Area (in Ha.)	1.214 ha		
13.	Max. & Min mRL within lease area	Highest mRL - 200.20 mRL Lowest mRL - 184.50 mRL		
14.	Pillar Coordinates (Verified by DMO)	Pillar No	N	E
		A	25°20'09.13"N	79° 57'36.65"E
		B	25°20'08.88"N	79° 57'38.69"E
		C	25°20'01.81"N	79° 57'38.85"E
		D	25°20'02.95"N	79° 57'36.89"E
15.	Total Geological Reserves	2,13,085 m <sup>3</sup>		
16.	Total Mineable Reserve	1,60,686 m <sup>3</sup>		
17.	Total Proposed Production	91,050,00 m <sup>3</sup> (5 years)		
18.	Proposed Production /year (as per LoI)	18,210 m <sup>3</sup>		
19.	Sanctioned Period of Mine lease	Plan Period 5 years		
20.	Production of mine/day	60.70 m <sup>3</sup> /day		
21.	Method of Mining	Opencast, Semi-mechanized		
22.	No. of worker	29		
23.	Type of Land	Govt./Non Forest Land		
24.	Depth of Mining	10.0 m		
25.	Nearest metalled road from site	0.20 km		
26.	Water Requirement	PURPOSE		
		Drinking - 0.29 KLD		
		Suppression of dust - 2.40 KLD		
		Plantation - 2.0 KLD		
		Others (if any) - 0.00 KLD		
		Total - 4.70 KLD		
27.	Name of QCI Accredited Consultant with QCI No and period of validity.	Paramarsh Servicing Environment and development NABET/EIA/2124 RA 0224, Valid till –01 May 2024		
28.	Any litigation pending against the project or land in any court	No		
29.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No – 1280/MMC-30/2021-22, dated 27.07.2022		
30.	Details of Lease Area in approved DSR	Serial no. 108, in village Daharra, Page no. 04		
31.	Project Cost	85.0 Lacs		
32.	Proposed CER cost	1.70 Lacs		
33.	Length and breadth of Haul Road	Length – 0.20 km, Breadth – 6.00 m		
34.	No. of Trees to be Planted	2,000		

- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.

8. There is no litigation pending in any court regarding this project.
9. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 16/08/2023 mentioning is as follows:

1. I Dr. Surendra Vikram Ghavri S/o Shri Pratap Kumar is EIA Coordinator of Paramarsh servicing Environment and Development.
2. I have prepared EIA/EMP report for the: Environment Clearance of Proposed Building Stone [Khanda, Gitti , Boulder] mine at Araji No. /Plot No. – 339, Khand No.–Old-03, New-36, Area 1.214 ha (3.00 Acres) at Village – Daharra, Tehsil & District- Mahoba, Uttar Pradesh of Smt. Sunita Singh, Proposal number: New: SIA/UP/MIN/435350/2023 & Old: SIA/UP/MIN/402737/2022 with my team.
3. I have personally visited the proposed site along with team and certify that no Mining/construction activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information required for EIA/EMP preparations are true and correct.
5. I certify that this project has been uploaded for the first time on Parivesh Portal.
6. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.
7. I state that all the TOR Points have been complied and all the issues raised during Public Hearing have been properly addressed in EIA report.
8. The EIA/EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

#### **RESOLUTION AGAINST AGENDA NO. 08**

**The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-1 to these minutes. The committee also stipulated the following additional conditions:**

1. Project proponent has committed to plant 1000 number of trees/hectare. The project proponent/consultant if desires may approach to concerned District Forest Authority to plant 1000 trees/ha on a land available to the Forest Department. The project proponent will deposit the required amount for this entire plantation work (including its maintenance and security) to the Forest Department.
2. The project proponent shall install solar light in their site office.
3. During the submission of 6 monthly compliance reports, the project proponent should make sure that the periodically taken site photographs should also be annexed along with the compliance report.
4. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
5. The maximum height of the bench should be 06 meters and the width of the bench should be at least twice the height of the bench as per the mine plan approval letter by DGM, U.P
6. In case the blasting is proposed during a mining operation, the project proponent needs to assess its impact on the displacement of human beings/wild animals/birds/other species, and the suitable measures proposed and taken for their rehabilitation and resettlement need to be clearly described in first 6 monthly compliance report.
7. The project proponent shall submit a final mine closure plan/Exit protocol for rehabilitation of mined-out land to match its surrounding land use 3years before the closure of the mine to SEIAA, UP and Department of Mines and Geology, UP for approval. The project proponent shall ensure the implementation of the approved plan under the supervision of the Dept. of Mines and Geology.

8. The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flow from the quarry area. The surface runoff rainwater harvesting and other water conservation measures on a long-term basis are to be taken in consultation with the Central/State Groundwater Board. The water so collected should be utilized for watering the haulage area, roads, and green belt development, etc.
  9. The project proponent shall take all suitable measures to prevent pollution of groundwater and nearby water bodies in consultation with the State Pollution Control Board and consent to operate (if applicable) should be obtained from the State Pollution Control Board before the start of production from the mine.
  10. Link Road from the quarry site to the main road shall be constructed as an all-weather road with blacktopping and maintained by the project proponent.
  11. Vehicular emissions should be kept under control and regularly monitored. Suitable measures shall be taken for proper maintenance of vehicles used in a quarry operation and transportation.
  12. The project proponent should explore the possibilities of rainwater harvesting.
  13. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.
  14. Latest technology (water sprinklers/ tankers) to be adopted for mitigating dust at source points in lease area and haulage road during operational activity/vehicular movement.
  15. As per the proposed plan, plantation with area specific plant species, number of plants to be Planted and report of green belt development to be submitted to the Forest Department, UPPCB and Directorate of Environment, UP.
9. **Botaha Ordinary Sand Mining project at Gata No.- 676 सि०, 677 सि०, 678 सि०, 682 सि०, 683 सि०, 777, 776 सि०, 775 सि०, 774 सि०, 688 सि०, 689 सि०, 690 सि०, 770 सि०, 769 सि०, 768 सि०, 767 सि०, 772, 771, 766 सि०, 773 सि०, 778 सि० Village- Botaha, Tehsil- Ghanghata, District: Sant Kabir Nagar, Shri Angad Vishwakarma, Area: 10.585 ha., File No. 8036/7293/ Proposal No. SIA/UP/MIN/436034/2023**

**RESOLUTION AGAINST AGENDA NO. 09**

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Cognizance Research India Pvt. Ltd.

During the presentation the committee observed that in additional TOR point the committee mentioned that *“Project proponent should present latest drone videography (not older than 07 days) of the project site mentioning the date, time and geo coordinates at the time of EIA presentation” but the project proponent did not submit the drone videography along with EIA report as mentioned in additional TOR points. Also it was observed by the committee that additional TOR conditions are not properly addressed and compliance of the same to be ensured by the project proponent/ Consultant. Hence, the committee directed the project proponent to submit above information along with drone videography on prescribed portal after which the matter will be discussed further by the committee.*”

10. **Revision & Expansion of Group Housing Project “Vilaasa” C1/C2, mahaluxmi Metro Tower, Sector 4, Vaishali, Ghaziabad, Yamuna BUILTECH Private Limited, File No. 5506/4846/ Proposal No. SIA/UP/MIS/49785/2019**

The Secretariat informed the committee that the chronological details of the proposed project are as follows:

1. The project proponent submit the online application for grant of terms of reference through online Parivesh Portal on 24/05/2019.

2. The matter was scheduled in 407<sup>th</sup> SEAC meeting dated 01/07/2019 and the SEAC recommended to issue the terms of reference for the project proposal.
3. The SEIAA in its 295<sup>th</sup> meeting dated 20/07/2019 agreed with the recommendation of SEAC and issued terms of reference vide letter no. 241/Parya/SEAC/4846/2018, dated 27/08/2019 for the preparation of Environmental Impact Assessment Report.
4. The project proponent submit the Environmental Impact Assessment Report through online Parivesh Portal on 12/02/2020.
5. The project was listed for EIA appraisal in 465<sup>th</sup> SEAC meeting dated 20/05/2020 and the SEAC raised some queries regarding the project.
6. The matter was again listed in 578<sup>th</sup> SEAC meeting dated 07/10/2021 and the SEAC decided to constitute a joint committee to visit the site and examine the observation raised in certified compliance report.
7. The joint committee inspect the site on 21/05/2022 and submit the inspection report to the SEIAA on 31/05/2022.
8. The inspection report put up in 672<sup>nd</sup> SEAC meeting dated 18/07/2022 and recommended to grant the environmental clearance for the project proposal along with general and specific conditions.
9. The SEIAA in its 638<sup>th</sup> meeting dated 10/08/2022 agreed with the recommendation of SEAC to grant the environmental clearance for the project proposal along with EC conditions.

The Secretariat informed the committee that on the basis of decision taken in 578<sup>th</sup> SEAC meeting dated 07/10/2021 the Secretariat raised an online query on Parivesh Portal regarding inspection of the project site and project proposal automatically delisted on Parivesh portal if the information has not been submitted by project proponent for more than 90 days. The above project also delisted on Parivesh Portal and due to this technical error the environmental clearance has not been granted. The Secretariat informed the committee that the above technical issue has been resolved from Parivesh Portal. In view of this the matter to be disposed as per earlier decision of SEAC and SEIAA.

**The committee has gone through the file and documents and observed that the SEAC and SEIAA has already recommended to grant the environmental clearance for the project but due to technical issues the EC has not been Disposed. The SEAC opined that SEIAA to dispose the matter as per earlier decision of SEAC/SEIAA.**

**11. "Building Stone, Granite Khanda, Gitti, Boulder Deposit" located at Araj No.- 953 (Khand No. - 02), Village- Daharra, Tehsil- Sadar & District Mahoba, Shri Islam Uddin, Area 1.2140 Ha., File No. 7958/ Proposal No. SIA/UP/MIN/432269/2023**

The Secretariat informed the committee that the matter was earlier listed in 765<sup>th</sup> SEAC meeting dated 15/06/2023 and the project proponent did not appear in the meeting and the committee directed the defer the matter from the agenda. The project proponent through online Parivesh Portal on 04/08/2023 has requested to list the matter in next SEAC meeting and the matter was listed in 775<sup>th</sup> SEAC meeting dated 18/08/2023.

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Environmental Research and Analysis, Lucknow (U.P). Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The terms of reference is sought for “Building Stone, Granite Khanda, Gitti, Boulder Deposit” at Araj No.- 953 (Khand No. 02), Village- Daharra, Tehsil- Sadar & District Mahoba, U.P., (Leased Area 1.2140 Ha.).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/432269/2023		
2. File No. allotted by SEIAA, U.P	7958		
3. Name of Proponent	Shri Islam Uddin S/o- Shri Shamsuddin		
4. Full correspondence address of proponent and mobile no.	R/o - Mo. Upraush, Kasba & Thana- Maudaha, Dist: Hamirpur (U.P.)		
5. Name of Project	Building Stone, Granite, Khanda, Boulder, Gitti Mining Project		
6. Project location (Plot/Khasra/Gata No.)	Arazi No. 953 (Khand: 2)		
7. Village	Daharra		
8. Tehsil	Sadar		
9. District	Mahoba (U.P.)		
10. Name of Minor Mineral	Building Stone, Granite, Khanda, Boulder, Gitti Mining Project		
11. Sanctioned Lease Area (in Ha.)	1.214 Ha.		
12. Mineable Area (in Ha.)	0.964 Ha. (0.25 Ha safety margin)		
13. Max. & Min mrl within lease area	The Highest and Lowest point in the leasehold is 203.0mRLNorth East and 198.0mRL West direction.		
14. Pillar Coordinates (Verified by DMO)	Pillar No.	Latitude	Longitude
	A	25°19'37.27"N	79°58'39.42"E
	B	25°19'35.58"N	79°58'42.25"E
	C	25°19'32.52"N	79°58'37.45"E
	D	25°19'35.30"N	79°58'36.35"E
15. Total Geological Reserves	694521 m <sup>3</sup>		
16. Total Mineable Reserves	288036 m <sup>3</sup>		
17. Total Proposed Production (in five year)	194240 for 5 years		
18. Proposed Production/year	38848 m <sup>3</sup> per year		
19. Sanctioned Period of Mine lease	10 Years		
20. Total quantity issued for lease period of 10 years as per LOI	388480 m <sup>3</sup>		
21. Method of Mining	Open cast, semi-mechanized		
22. No. of working days	250		
23. Working hours/day	8 hours/day		
24. No. Of workers	35		
25. No. Of vehicles movement/day	Approximately 11-13 Vehicles such as Truck dumper/tipper, Tractor Trolleys, etc. will be in use for transportation.		
26. Type of Land	Government Land (Rocky Barren)		
27. Ultimate Depth of Mining	12.0 m as per approved mining plan (196mRL to 184 mRL)		
28. Nearest metalled road from site	NH34 which is running about 8.4 Km away in East direction.		
29. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking water	0.45 KLD	
	Dust suppression	1.35 KLD	
	Plantation	2.0 KLD	
	Others (if any)	-	
	Total	3.8 KLD approx.	
30. Name of QCI Accredited Consultant with QCI No And period of validity.	M/s Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/ EIA/ 1922/RA 0200 (Rev01) Validity Till: 21 January, 2024		
31. Any litigation pending against the project or land in any court	No		
32. Details of 500 m Cluster Map & certificate issued by Mining Officer	Cluster Certificate/ (Letter No. 3106/एम०एम०सी०-30/2022-23) Issued on 17/02/2023		

33. Details of Lease Area in approved DSR	Details are given in serial no 39 in DSR
34. Proposed EMP cost	Rs. 10,95,225/-
35. Proposed Total Project cost	Rs. 1,10,00,000/-
36. Length and breadth of Haul Road	150 m length and 6.0 m width
37. No. of Trees to be Planted	2000
38. Monitoring season	Pre monsoon Season from 01/03/2023 to 31/05/2023

3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
4. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
5. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
6. There is no litigation pending in any court regarding this project.
7. The project proposal falls under category–1(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 14/08/2023 mentioning is as follows:

1. I Vishnu Kumar Awasthi S/o Lt. R G Awasthi is EIA Coordinator of M/s Environmental Research and Analysis, Lucknow (U.P.), Accreditation Certificate No. NABET/ EIA/ 1922/RA 0200 (Rev 01), valid till- 21/01/2024.
2. I have prepared TOR report for the Proposal No. SIA/UP/MIN/432269/2023, (FILE No. 7958) Shri Islam Uddin S/o Shri Shamsuddin, R/o – Mo. Uprash, Kasba & Thana – Maudaha, District – Hamirpur (U.P). Proposed Project of “Building Stone, Granite Khanda, Gitti, Boulder Deposit” located at Arajji No. 953 (Khand: 2) Village: Daharra, Tehsil: Sadar District: Mahoba, State: Uttar Pradesh. with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I have satisfied with that all the necessary data/information required for TOR presentations are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.

#### **RESOLUTION AGAINST AGENDA NO. 11**

**The committee discussed the matter and recommended to issue the standard terms of reference for the preparation of EIA as annexed at annexure-2 to the minutes. The committee also stipulated following additional TOR Points:**

#### **Additional TOR:**

1. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc. Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.

2. EIA coordinator & FAE should give a notarized affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
3. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA/SEAC, UP before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
4. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
5. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
6. Combined KML of all mines in a cluster should be submitted at the time of EIA.
7. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
8. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
9. Proponent/Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
10. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
11. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.
12. Proponent/consultant shall present TOR specific/additional conditions compliance, observation/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound plan at the time of EIA presentation.
13. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.

**12. “Sand/Morrum Mine” at Gata No. 2558, 2563 (Khand No. 04), Village – Bandhauri, Tehsil - Orai & District – Jalaun, U.P., (Leased Area : 9.714 ha). File No. 7948/ Proposal No. SIA/UP/MIN/430448/2023**

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Environmental Research and Analysis, Lucknow (U.P). Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The terms of reference is sought for “Sand/Morrum Mine” at Gata No. 2558, 2563 (Khand No. 04), Village – Bandhauri, Tehsil - Orai & District – Jalaun, U.P., (Leased Area : 9.714 ha).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/430448/2023
2. File No. allotted by SEIAA, U.P	7948
3. Name of Proponent	M/s Anuradha Construction, Prop. Shri Vinod Kumar Rai,
4. Full correspondence address of proponent and mobile no.	R/o – 1962/2 Sahni Compound, Civil line, District Jhansi (U.P)
5. Name of Project	Sand/ Morrum Mining Project
6. Project location (Plot/Khasra/Gata No.)	Gata No. 2558, 2563 (Khand No. 04).
7. Name of River	Betwa River

8. Name of Village	Bandhauli		
9. Tehsil	Orai		
10. District	Jalaun, U.P		
11. Name of Minor Mineral	Sand/ Morrum Mining Project		
12. Sanctioned Lease Area (in Ha.)	16.19 Ha.		
13. Mineable Area (in Ha.)	9.714 Ha (safety margin 6.479 Ha.)		
14. Zero level mRL	-		
15. Max. & Min mrl within lease area	Maximum & Minimum mRL 138 mRL & 128 mRL respectively		
16. Pillar Coordinates (Verified by DMO)			
	Pillar	Latitude(N)	Longitude(E)
	A	25°51'15.88"N	79°29'20.56"E
	B	25°51'18.64"N	79°29'23.50"E
	C	25°50'54.51"N	79°29'34.07"E
	D	25°50'48.58"N	79°29'25.68"E
17. Total Geological Reserves	2,91420 m <sup>3</sup>		
18. Total Mineable Reserves	174852 m <sup>3</sup>		
19. Total Proposed Production (in 6 months)	121455 m <sup>3</sup> for 6 month		
20. Proposed Production/6 months	121455 m <sup>3</sup> for 6 month		
21. Sanctioned Period of Mine lease	6 month		
22. Monitoring Season	15/03/2023 to 15/06/2023 (Pre monsoon Season)		
23. Method of Mining	opencast, semi-mechanized		
24. No. of working days	180		
25. Working hours/day	8 hours/day		
26. No. Of workers	Approximately 50 workers		
27. No. Of vehicles movement/day	Approximately 51-52 movements per day.(Vehicles such as Truck dumper/tipper, Tractor Trolleys, etc. will be in use)		
28. Type of Land	Government Land		
29. Ultimate Depth of Mining	1.2503 m as per approved mining plan		
30. Nearest metalled road from site	Bundelkhand Expressway is 1.4 Km away in West direction		
31. Water Requirement	PURPOSE		REQUIREMENT (KLD)
	Drinking water		0.60 KLD
	Dust suppression		4.23 KLD
	Plantation		0.085 KLD
	Others (if any)		-
	Total		Approx. 4.915 KLD or 4.92 KLD
32. Name of QCI Accredited Consultant with QCI No And period of validity.	Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/ EIA/ 1922/RA 0200 (Rev01) and valid upto January 21 2024		
33. Any litigation pending against the project or land in any court	No		
34. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 40/ Khanij - M.M..C-30-/2023-24 Issued on 26/04/2023		
35. Details of Lease Area in approved DSR	DSR report page no 53Serial No.31 & Corrigendum Letter NO. 799/Khanij-MMC-30 dated 23 Jan 2018		
36. Proposed EMP cost	Rs. 10,54,180/-		
37. Proposed Total Project cost	Rs. 5,25, 90,015/-		
38. Length and breadth of Haul Road	470 m length and 6 m width		
39. No. of Trees to be Planted	85		

- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.

5. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
6. There is no litigation pending in any court regarding this project.
7. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 14/08/2023 mentioning is as follows:

1. I Vishnu Kumar Awasthi S/o Lt. R G Awasthi is EIA Coordinator of M/s Environmental Research and Analysis, Lucknow (U.P.), Accreditation Certificate No. NABET/ EIA/ 1922/RA 0200 (Rev 01), valid till- 21/01/2024.
2. I have prepared TOR report for the Proposal No. SIA/UP/MIN/430448/2023, (FILE NO.- 7948) M/S Anuradha Construction Prop. - Shri Vinod Kumar Rai S/O - Shri Hardas Rai R/O – 1962/2 Sahni Compound, Civil Line, District - Jhansi (U.P.), proposed “Sand/Morrum Mining Project” at Gata No. – 2558, 2563 Khand No. 04 (Area 16.19 Ha.) in Village Bandhauli, Tehsil Orai, District Jalaun, Uttar Pradesh with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I have satisfied with that all the necessary data/information required for TOR presentations are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.

#### **RESOLUTION AGAINST AGENDA NO. 12**

**The committee discussed the matter and recommended to issue the standard terms of reference for the preparation of EIA as annexed at annexure-2 to the minutes. The committee also stipulated following additional TOR Points:**

#### **Additional TOR:**

1. NOC from Irrigation Department/Concerning Authority regarding river bed mining to be submitted at the time of EIA presentation.
2. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc. Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.
3. EIA coordinator & FAE should give a notarized affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
4. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA, UP before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
5. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
6. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.

7. Combined KML of all mines in a cluster should be submitted at the time of EIA.
8. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
9. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
10. Proponent/ Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
11. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
12. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.
13. Proponent/consultant shall present TOR specific/additional conditions compliance, observation/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound plan at the time of EIA presentation.
14. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
15. Submit the hydrological study report of lease area that the quantity given in LoI will be mined without affecting the geo-hydrology of the River.

**13. “Imarati Patthar Sandstone (Khanda / Gitti / Boulder /Stone Dust)” Mine at Araji/Gata No.- 703, Village- Bhagauti Dei, Tehsil- Chunar, District-Mirzapur, Shri Dharendra Kumar Singh, Area- 2.023 Ha., File No. 8034/ Proposal No. SIA/UP/MIN/435455/2023**

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s AWS Envirotech (OPC) Pvt. Ltd. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The terms of reference is sought for “Imarati Patthar (Sandstone)” Mine at Araji/Gata no.- 703, Village- Bhagauti Dei, Tehsil- Chunar, District- Mirzapur, State- Uttar Pradesh, (Leased Area- 2.023 ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/435455/2023
2.	File No. allotted by SEIAA, UP	8034
3.	Name of Proponent	Shri Dharendra Kumar Singh
4.	Full correspondence address of proponent and E-mail Id	R/o- Darunaha, Bhadohi, District-Sant Ravidas Nagar, Uttar Pradesh - 221402 Email: dharendra541818@gmail.com
5.	Name of Project	“Imarati Patthar (Sandstone)” Mine at Araji/Gata no.- 703, Village-Bhagauti Dei, Tehsil- Chunar, District- Mirzapur, State-Uttar Pradesh
6.	Project Location (Plot.Khasra/Gata No.)	Gata No.-703, Village-Bhagauti Dei, Tehsil- Chunar, District-Mirzapur, State-Uttar Pradesh.
7.	Name of River	NA
8.	Name of Village	Bhagauti Dei
9.	Tehsil	Chunar
10.	District	Mirzapur
11.	Name of Minor Mineral	Imarati Patthar (Sandstone)
12.	Sanctioned Lease Area (in Ha.)	2.023 ha.
13.	Max. & Min mRL within lease area	Highest mRL is 113.0 & Lowest is 105.0 mRL

14.	Pillar Coordinates (Verified by DMO)	GPS Co-ordinates are-		
		Pillar	N	E
		A	25°3'53.00"N	82°59'33.90"E
		B	25°3'53.00"N	82°59'40.60"E
		C	25°3'49.77"N	82°59'40.65"E
		D	25°3'49.40"N	82°59'33.70"E
15.	Total Geological Reserves	8,72,610 m <sup>3</sup>		
16.	Total Mineable Reserve (as per Approved Mine Plan)	4,26,696 m <sup>3</sup>		
17.	Total Proposed Production	3,03,450 m <sup>3</sup> (in 5 Years of approved mine plan period)		
18.	Proposed Production/year	60,690 m <sup>3</sup> /year		
19.	Sanctioned Period of Mine lease	20 years		
20.	Method of Mining	Opencast, Semi-Mechanized		
21.	Working hours/day	8		
22.	No. of worker	52		
23.	Type of Land	Govt. land		
24.	Ultimate of Depth of Mining	Upto 80 mRL		
25.	Nearest metalled road from site	170 m		
26.	Water Requirement	PURPOSE	PURPOSE	
		Drinking	0.52 KLD	
		Suppression of dust	1.68 KLD	
		Plantation	0.60 KLD	
		Total	2.80 KLD	
27.	Name of QCI Accredited Consultant with QCI No and period of validity.	AWS Envirotech (OPC) Pvt. Ltd. Certificate no. NABET/EIA/2225/IA 0097(Rev.01) Valid Till July 14, 2025		
28.	Any litigation pending against the project or land in any court	No		
29.	Details of 500 m Cluster Certificate verified by Mining Officer	vide letter no. 4557/M.M.C.-30/2022-23 Dated on 20/05/2023		
30.	Details of Lease Area in approved DSR	In approved DSR at page no. 54, Sl no. 101		
31.	Baseline data collection period	March to May 2023 (Intimation letter submitted)		
32.	Proposed CER cost	Rs. 1.76 Lakhs		
33.	EMP cost	EMP cost is Rs. 7.0 lakhs as capital cost and Rs. 5.0 lakhs as recurring cost		
34.	Distance of Haul Road	170 m		
35.	No. of Trees to be Planted	300		

- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- There is no litigation pending in any court regarding this project.
- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 03/07/2023 mentioning is as follows:

- I, Sandeep Kumar, S/o Shri R.K. Verma is EIA Coordinator of M/s AWS Envirotech (OPC) Pvt. Ltd.
- I have prepared the TOR application report for the proposal "Imarati Patthar (Sandstone)" Mine at Araji/Gata no.- 703, Village- Bhagauti Dei, Tehsil- Chunar, District- Mirzapur, State- Uttar Pradesh, (Leased Area- 2.023 ha.) with my team.

3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied that all the necessary data/ information submitted along with TOR application are true and correct.
5. I certify that this project proposal has been uploaded for the first time on PARIVESH Portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on PARIVESH Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. The TOR Report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

**RESOLUTION AGAINST AGENDA NO. 13**

**The committee discussed the matter and recommended to issue the standard terms of reference for the preparation of EIA as annexed at annexure-2 to the minutes. The committee also stipulated following additional TOR Points:**

**Additional TOR:**

1. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc. Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.
2. EIA coordinator & FAE should give a notarized affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
3. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA/SEAC, UP before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
4. The details of equipment used for baseline monitoring along with its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
5. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
6. Combined KML of all mines in a cluster should be submitted at the time of EIA.
7. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
8. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
9. Proponent/Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
10. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
11. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.

12. Proponent/consultant shall present TOR specific/additional conditions compliance, observation/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound plan at the time of EIA presentation.
13. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.

**14. “Building Stone (Granite) Khanda, Boulder, Ballast (Gitty) Mining Project”, Arazi No. 2441, 2442, Village- Pahra, Tehsil- Sadar, District-Mahoba (U.P.) Smt. Sarita Yadav, Area-1.214 Ha., File No. 8032/ Proposal No. SIA/UP/MIN/435234/2023**

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Earthvision India Associate Consultant. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The terms of reference is sought for “Building Stone (Granite) Khanda, Boulder, Ballast (Gitty) Mining Project” at Arazi No. 2441, 2442, Village- Pahra, Tehsil- Sadar, District-Mahoba (U.P.) , (Leased Area-1.214 Ha.).

2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/435234/2023			
2.	File No. allotted by SEIAA, UP	8032			
3.	Name of Proponent	M/s Raj Corporation Limited Part. Smt. Sarita Yadav			
4.	Registered Address	R/o- Gali No. 03, Mohalla- Punjabi Colony, Mainpuri, Uttar Pradesh, 205001			
5.	Full correspondence address of proponent and mobile no.	R/o- Gali No. 03, Mohalla- Punjabi Colony, Mainpuri, Uttar Pradesh, 205001			
		Mobile No.-			
		E-mail ID- <a href="mailto:rcllko@gmail.com">rcllko@gmail.com</a>			
6.	Name of Project	Building Stone (Granite), Khanda, Boulder, Ballast (Gitty) mining			
7.	Project Location (Plot.Khasra/Gata No.)	Arazi No.- 2441, 2442			
8.	Name of Village	Pahra			
9.	Tehsil	Sadar			
10.	District	Mahoba			
11.	State	Uttar Pradesh			
12.	Name of Minor Mineral	Building Stone (Granite), Khanda, Boulder, Ballast (Gitty)			
13.	Sanctioned Lease Area (in Ha.)	1.214 Hectares			
14.	Max. & Min mRL within lease area	Highest is 187.50mRL towards East & Lowest is 182.10mRL towards South west direction.			
15.	Pillar Coordinates (Verified by DMO)	Pillar Name	N	E	
		A	25°20'45.91"N	80° 4'43.97"E	
		B	25°20'43.97"N	80° 4'51.22"E	
		C	25°20'42.83"N	80° 4'51.59"E	
		D	25°20'42.05"N	80° 4'50.82"E	
		E	25°20'42.22"N	80° 4'49.38"E	
		F	25°20'44.35"N	80° 4'46.53"E	
		G	25°20'43.73"N	80° 4'44.95"E	
		H	25°20'44.71"N	80° 4'43.41"E	
16.	Mine Plan approval details	Letter No.- 2023/5/24/219146 Dated- 01/06/2023			
17.	Validity of Mine Plan	5 Years			
18.	Total geological reserves	5,91,769 M <sup>3</sup>			
19.	Total mineable reserves	2,50,488 M <sup>3</sup>			
20.	Total Proposed Production (In 5 Years)	1,66,925 M <sup>3</sup>			

21.	Total Proposed Production/Year	33,385 M <sup>3</sup> /Year (according to as per LOI).		
22.	Sanctioned Period of Mine lease	10 years		
23.	Method of Mining	Opencast, Semi mechanized Method		
24.	No. of workers	38 Workers		
25.	Type of Land	Rocky, Barren Land		
26.	Ultimate Depth of Mining	12.0 m		
27.	Water Requirement		Purpose	Detail
		Portable Tanker	Drinking@15 lpcd/worker	38 workers x 15 lpcd = 570 lpcd
			Mine operation/others	-
			Land reclamation / plantation @1 Lit/Tree	1200Trees x 1 lpcd = 1200 lpcd
			Dust suppression @2Lit/Sq.m (Twice in a day)	Haul Road Area = (300 m Length x 6m Width = 1800 m <sup>2</sup> ) x2lpcd/Sq.m = 3600 lpcd
			Total	
				7.370 KLD
28.	Name of QCI Accredited Consultant with QCI No and period of validity	M/s Earthvision India Associate Consultant, NABET/EIA/2124/IA 0077 Valid till 24-02-2024		
29.	Any litigation pending against the project or land in any court	No		
30.	Details of 500 m Cluster certificate & Map Verified by Mining Officer	Letter No. 3032/M.M.C.-30/2022-23, Dated 07-02-2023		
31.	Proposed CER cost	Rs. 1.5116 Lakhs		
32.	Proposed EMP cost	Rs. 7.80 Lakhs		
33.	No. of Trees to be Planted.	1200		
34.	Detail of CTE/CTO issued by UPPCB	NA		

- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- There is no litigation pending in any court regarding this project.
- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 17/08/2023 mentioning is as follows:

- I Brij Mohan Singh Negi S/o K.S. Negi is EIA Coordinator of Earthvision India Associate Consultants, Lucknow.
- I have prepared EIA/EMP report for the Proposal TOR in Name of M/s Raj Corporation Limited, Part. Smt. Sarita Yadav W/o Shri Manoj Kumar Yadav with my team.
- I have personally visited the site of proposal and certify that no Mining/construction activity has been undertaken on the project site for the present proposal.

4. I am satisfied that all the necessary data/ information submitted along with Application /EIA/EMP are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. I state that all the TOR Points have been complied and all the issues raised during Public Hearing have been properly addressed in EIA report.
8. The EIA/EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

**RESOLUTION AGAINST AGENDA NO. 14**

**The committee discussed the matter and recommended to issue the standard terms of reference for the preparation of EIA as annexed at annexure-2 to the minutes. The committee also stipulated following additional TOR Points:**

**Additional TOR:**

1. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc. Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.
2. EIA coordinator & FAE should give a notarized affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
3. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA/SEAC, UP before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
4. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
5. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
6. Combined KML of all mines in a cluster should be submitted at the time of EIA.
7. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
8. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
9. Proponent/Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
10. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.

11. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.
12. Proponent/consultant shall present TOR specific/additional conditions compliance, observation/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound plan at the time of EIA presentation.
13. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.

**15. “Riverbed Ordinary Sand Mining” along riverbed of Yamuna river at Gata No.- 8, 9, 10, 11, 12 and 22mi, khand-1, at Village–Khartla Katri, Tehsil Bhognipur, District- Kanpur Dehat, Shri Vijay Prakash Gupta, M/s Maa Vaishno Rice Mill, Area - 17.90 ha., File No. 8022/ Proposal No. SIA/UP/MIN/435206/2023**

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Paramarsh Servicing Environment and development. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The terms of reference is sought for “Riverbed Ordinary Sand Mining” along riverbed of Yamuna river at Gata No 8, 9, 10, 11, 12 and 22mi, khand-1 at Village–Khartla Katri, Tehsil - Bhognipur, District- Kanpur Dehat, Uttar Pradesh, (Leased Area - 17.90 ha) M/s Maa Vaishno Rice Mill.
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/435206/2023															
2.	File No. allotted by SEIAA, UP	8022															
3.	Name of Proponent	M/s MaaVaishno Rice Mill Shri Vijay Prakash Gupta															
4.	Full correspondence address of proponent and mobile no.	S/o Om Prakash Gupta R/o 128/346 H Block, Kidwai Nagar Kanpur Nagar - 208011, Uttar Pradesh Mobile no.- E mail ID - gvijayprakash84@gmail.com															
5.	Name of Project	Environment clearance of proposed “Riverbed Ordinary Sand Mining” along riverbed of Yamuna river at Gata No 8, 9, 10, 11, 12 and 22mi, khand-1 Area - 17.90 ha at Village–Khartla Katri, Tehsil - Bhognipur, District- Kanpur Dehat, Uttar Pradesh of M/s Maa Vaishno Rice Mill.															
6.	Project Location (Plot. Khasra/Gata No.)	Gata No 8, 9, 10, 11, 12 and 22mi, khand-1															
7.	Name of River	Yamuna															
8.	Name of Village	Khartla Katri															
9.	Tehsil	Bhognipur															
10.	District	Kanpur Dehat															
11.	Name of Minor Mineral	“Riverbed Ordinary Sand Mining”															
12.	Sanctioned Lease Area (in Ha.)	17.90 ha															
13.	Max. & Min mRL within lease area	Highest mRL - 102.02 mRL Lowest mRL - 97.10 mRL Water level - 96.0 mRL															
14.	Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th>Point</th><th>Latitude N</th><th>Longitude E</th></tr> </thead> <tbody> <tr> <td>A</td><td>26°12' 33.79"N</td><td>79°40' 09.75"E</td></tr> <tr> <td>B</td><td>26°12' 25.19"N</td><td>79°40' 06.52"E</td></tr> <tr> <td>C</td><td>26°12'16.10"N</td><td>79°40'26.92"E</td></tr> <tr> <td>D</td><td>26°12'24.90"N</td><td>79°40'30.37"E</td></tr> </tbody> </table>	Point	Latitude N	Longitude E	A	26°12' 33.79"N	79°40' 09.75"E	B	26°12' 25.19"N	79°40' 06.52"E	C	26°12'16.10"N	79°40'26.92"E	D	26°12'24.90"N	79°40'30.37"E
Point	Latitude N	Longitude E															
A	26°12' 33.79"N	79°40' 09.75"E															
B	26°12' 25.19"N	79°40' 06.52"E															
C	26°12'16.10"N	79°40'26.92"E															
D	26°12'24.90"N	79°40'30.37"E															
15.	Total Geological Reserves	6,74,342 m <sup>3</sup>															
16.	Total Mineable Reserve	2,15,698 m <sup>3</sup>															
17.	Total Proposed Production	10,74,000 m <sup>3</sup> (5 years)															
18.	Proposed Production /year (as per LoI)	2,14,800 m <sup>3</sup> /annum															
19.	Sanctioned Period of Mine lease	Lease Period 5 years															

		Plan Period 5 years
20.	Production of mine/day	859 m <sup>3</sup> /day
21.	Method of Mining	Opencast semi - mechanized
22.	No. of worker	55
23.	Type of Land	Govt./Non Forest Land
24.	Ultimate Depth of Mining	3.0 m
25.	Nearest metalled road from site	1.00 km
26.	Water Requirement	PURPOSE
		Drinking - 0.55 KLD
		Suppression of dust - 12.00 KLD
		Plantation - 1.70 KLD
		Others (if any) - 0.00 KLD
		Total - 14.25 KLD
27.	Name of QCI Accredited Consultant with QCI No and period of validity.	Paramarsh Servicing Environment and development NABET/EIA/2124 RA 0224, Valid till -01 May 2024
28.	Any litigation pending against the project or land in any court	No
29.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No-135/Khanan Lipik-Kanpur Dehat-Cluster/2023, dated -23/03/2023
30.	Details of Lease Area in approved DSR	Serial no. 12, Page no. 11
31.	Project Cost	95.00 Lakh
32.	Proposed CER cost	1.90 Lakh
33.	Length and breadth of Haul Road	Length – 1.00 km, Breadth – 6.00 m
34.	No. of Trees to be Planted	1,700

- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- There is no litigation pending in any court regarding this project.
- The project proposal falls under category–1(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 16/08/2023 mentioning is as follows:

- I Dr. Surendra Vikram Ghavri S/o Shri Pratap Kumar is EIA Coordinator of Paramarsh servicing Environment and Development.
- I have prepared ToR Application for the Environment clearance of proposed “Riverbed Ordinary Sand Mining” along riverbed of Yamuna River at Gata No 8, 9, 10, 11, 12 and 22mi, khand-1 Area - 17.90 ha at Village–Khartla Katri, Tehsil - Bhognipur, District- Kanpur Dehat, Uttar Pradesh of M/s Maa Vaishno Rice Mill Shri Vijay Prakash Gupta Proposal no: SIA/UP/MIN/435206/2023 with my team.
- I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
- I am satisfied with that all the necessary data/information required for ToR Application preparations are true and correct.
- I certify that this project has been uploaded for the first time on Parivesh Portal.
- I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.
- The ToR Application for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

**RESOLUTION AGAINST AGENDA NO. 15**

**The committee discussed the matter and recommended to issue the standard terms of reference for the preparation of EIA as annexed at annexure-2 to the minutes. The committee also stipulated following additional TOR Points:**

**Additional TOR:**

1. Project proponent should present latest drone videography (not older than 07 days) of the project site mentioning the date, time and geo coordinates at the time of EIA presentation.
2. NOC from Irrigation Department/Concerning Authority regarding river bed mining to be submitted at the time of EIA presentation.
3. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc. Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.
4. EIA coordinator & FAE should give a notarized affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
5. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA, UP before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
6. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
7. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
8. Combined KML of all mines in a cluster should be submitted at the time of EIA.
9. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
10. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
11. Proponent/ Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
12. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
13. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.
14. Proponent/consultant shall present TOR specific/additional conditions compliance, observation/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound plan at the time of EIA presentation.
15. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
16. Submit the hydrological study report of lease area that the quantity given in LoI will be mined without affecting the geo-hydrology of the River.

**16. Discussion of factual report received from District Magistrate, Aligarh vide letter no. 964/DLRC, dated 28/06/2023 regarding proposal no. SIA/UP/MIN/427913/2023, File No. 7838**

The Secretariat informed the committee that the matter was earlier discussed in 757<sup>th</sup> SEC meeting dated 30/05/2023 wherein:

*“The committee noted that as per presentation and documents/KML files provided by the project proponent/consultant the mining lease area is submerged in river stream. Hence, the committee opined that the SEIAA may seek a factual report from District Magistrate, Aligarh and DGM, Lucknow regarding the workable, non-workable and submerged area along with geo coordinates.”*

District Magistrate, Aligarh provide a factual report vide letter dated 28/06/2023 along with joint committee inspection report on Gata no. 19, area 16.0 ha, Village- Ganeshpur Gang, Tehsil- Atrauli, District: Aligarh, which mentioned is as follows:

“उपरोक्त बैठक में दिये गये निर्देशानुसार ग्राम गनेशपुर गंगा स्थित बालू खनन क्षेत्र के दीर्घकालीन व्यवस्थापन हेतु खान एवं राजस्व विभाग द्वारा संयुक्त रूप से खनन क्षेत्र का निरीक्षण किया गया।

क्षेत्र का जियो कॉर्डिनेट्स

क्र० सं०	ग्राम	A	B	C	D
1	गनेशपुर गंगा	N 28 04 34.91” E 78 30 26.05”	N 28 04 36.33” E 78 30 35.76”	N 28 04 16.85” E 78 30 44.85”	N 28 04 15.73” E 78 30 34.97”

उपरोक्त जियो कॉर्डिनेट्स पर वर्तमान में गंगा नदी की धारा मौजूद नहीं है तथा क्षेत्र बालू खनन कार्य किये जाने योग्य है।

**RESOLUTION AGAINST AGENDA NO. 16**

The committee has gone through the factual report provided by District Magistrate which states that the mining lease area is not submerged in river steam. Hence, the committee recommended to issue the standard terms of reference for the preparation of EIA as annexed at annexure-2 to the minutes and project details given at Para-A. The committee also stipulated following additional TOR Points:

**Additional TOR:**

1. Project proponent should present latest drone videography (not older than 07 days) of the project site mentioning the date, time and geo coordinates at the time of EIA presentation.
2. NOC from Irrigation Department/Concerning Authority regarding river bed mining to be submitted at the time of EIA presentation.
3. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc. Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.
4. EIA coordinator & FAE should give a notarized affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
5. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA, UP before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
6. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the

people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.

7. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
8. Combined KML of all mines in a cluster should be submitted at the time of EIA.
9. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
10. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
11. Proponent/ Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
12. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
13. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.
14. Proponent/consultant shall present TOR specific/additional conditions compliance, observation/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound plan at the time of EIA presentation.
15. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
16. Submit the hydrological study report of lease area that the quantity given in LoI will be mined without affecting the geo-hydrology of the River.

**Para-A:**

1. The terms of reference is sought for Sand Mining Project on Ganga Riverbed at Gata No.- 19, Village- Ganeshpur Gang, Tehsil- Atrauli, District: Aligarh, U.P., (Leased Area: 16.0 Ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/427913/2023		
2.	File No. allotted by SEIAA, UP	7838		
3.	Name of Proponent	Prop. Shri Kavindra Rastogi S/o Shri Satya Prakash Rastogi		
4.	Full correspondence address of proponent and mobile No.	R/o Mauhalla Chamunda Road Kaysthan, Hasanpur, Tehsil- Hasanpur, District- Amroha, Uttar Pradesh		
		Mobile No-		
		Email-		
5.	Name of Project	Ganeshpur Gang Sand Mining on Ganga Riverbed		
6.	Project location (Plot/Khasra/Gata No.)	Gata No. 19		
7.	Name of River	Ganga River		
8.	Name of Village	Ganeshpur Gang		
9.	Tehsil	Atrauli		
10.	District	Aligarh		
11.	Name of Minor Mineral	Sand		
12.	Sanctioned Lease Area (in Ha.)	16.0 ha		
13.	Max & Min mRL within lease area	Max- 193.0 mRL & 195.0 mRL		
14.	Pillar Coordinates (Verified by DMO)	S.No.	Latitude	Longitude
		A	28° 4'34.91"N	78°30'26.05"E
		B	28° 4'36.33"N	78°30'35.76"E
		C	28° 4'16.85"N	78°30'44.85"E
		D	28° 4'15.73"N	78°30'34.97"E
15.	Total Geological Reserves	4,08,354 Cum		
16.	Total Mineable Reserves in LOI	2,40,000 Cum/year		
17.	Total Proposed Production	2,40,000 Cum/year		
18.	Proposed Production/year	2,40,000 Cum		
19.	Sanctioned Period of Mine lease	05 years		

20.	Method of Mining	Open Cast Semi-mechanized Method	
21.	No. of working days	260 days	
22.	Working hours/day	8 hrs	
23.	No. of workers	54	
24.	No. of vehicles movement/day	70	
25.	Ultimate Depth of Mining	1.57 m	
26.	Nearest metalled road from site	1.65 km (approx)	
27.	Water Requirement	PURPOSE	REQUIREMENT (KLD)
		Drinking	0.54
		Suppression of dust	3.6
		Plantation	16.0
		Others (if any)	0.54
		Total	20.68
28.	Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt. Ltd. 1922, validity= 10, September 2023	
29.	Any litigation pending against the project or land in any court	No	
30.	Details of 500 m Cluster Map & certificate issued by Mining Officer	Yes, certified 496/D.L.R.C Dated-02/03/2023	
31.	Details of Lease Area in approved DSR	Yes, given in the DSR at Page No. 04	
32.	Proposed CER cost/year	Rs 2,00,000/-	
33.	Proposed EMP cost/year	Capital Cost -6,40,000/- Recurring Cost- 5,20,000/-	
34.	Length and breadth of Haul Road	Length: 500 m, width: 6 m	
35.	No. of Trees to be Planted	16000 plants	
36.	Monitoring Period	March to May, 2023	

3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
4. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
5. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
6. There is no litigation pending in any court regarding this project.
7. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

**(Prof. Jaswant Singh)**  
Member

**(Dr. Amrit Lal Haldar)**  
Member

**(Dr. Dineshwar Prasad Singh)**  
Member

**(Tanzar Ullah Khan)**  
Member

**(Dr. Shiv Om Singh)**  
Member

**(Dr. Harikesh Bahadur Singh)**  
Chairman

**(Ashish Tiwari)**  
Member-Secretary

**Nodal, SEAC-2**

MoM prepared by Secretariat in consultation with  
Chairman & Members on the basis of decisions  
taken by SEAC-2 during the meeting.

**Annexure-1**

**General and Specific Conditions for Gitti, Patthar & Boulder Mining Projects: -**

**A. General Conditions:**

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under the law.
3. Any addition of the mining area, change of Khasra numbers, enhancement of capacity, change in mining technology, modernization, and scope of working shall again require prior environmental clearance as per EIA notification, 2006.
4. No change in the calendar plan including excavation, the quantum of mineral and waste shall be made.
5. Mining will be carried out as per the approved mining plan. In case of any violation of the mining plan, the Environmental Clearance given by SEIAA will stand cancelled.
6. Four ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for RSPM, SPM, SO<sub>2</sub>, NO<sub>x</sub> monitoring. The location of the stations should be decided based on the meteorological data, topographical features, and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board. The monitored data for criteria pollutants shall be regularly uploaded on the company's website and also displayed on the website.
7. Data on ambient air quality (RPM, SPM, SO<sub>2</sub>, NO<sub>x</sub>) should be regularly submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and the State Pollution Control Board / Central Pollution Control Board once in six months.
8. Ambient air quality at the boundary of the mine premises shall conform to the norms prescribed in MoEF notification no. GSR/826(E) dated 16.11.09.
9. Fugitive dust emissions from all the sources shall be controlled regularly. Water spraying arrangement on haul roads, loading and unloading, and at transfer points shall be provided and properly maintained.
10. Measures shall be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. shall be provided with earplugs/muffs and health records of the workers shall be maintained.
11. Industrial wastewater (workshop and wastewater from the mine) should be properly collected, treated to conform to the standards prescribed under GSR 422 (E) dated 19th May 1993 and 31<sup>st</sup> December 1993 or as amended from time to time. Oil and grease traps shall be installed before the discharge of workshop effluents.
12. Personnel working in areas shall be provided with protective respiratory devices like masks and they shall also be imparted adequate training and information on safety and health aspects.
13. Special measures shall be adopted to prevent the nearby settlements from the impacts of mining activities.
14. The transportation of the materials shall be limited to the day hours' time only.
15. Provision shall be made for housing the laborers within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical health care, crèche, etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
16. A separate Environmental Management Cell with suitably qualified personnel shall be setup under the control of a Senior Executive, who will report directly to the Head of the Organization.
17. The Project Proponent shall inform the Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board regarding the date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.
18. The funds earmarked for environmental protection measures shall be kept in a separate account and shall not be diverted for other purposes. The year-wise expenditure shall be reported to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board

19. The Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board shall monitor compliance with the stipulated conditions. A complete set of documents including Environment Impact Assessment Report, Environmental Management Plan, Public hearing, and other documents information should be given to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board
20. A copy of the environmental clearance shall be submitted by the Project Proponent to the Heads of the Local Bodies, Panchayat, and Municipal Bodies as applicable in the matter.
21. The Project Proponent shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Level Environment Impact Assessment Authority (SEIAA).
22. The Project Proponent has to submit a regular half-yearly compliance report of the stipulated prior environmental clearance terms and conditions in hard and soft copy to the SEIAA, U.P. on 1<sup>st</sup> June and 1<sup>st</sup> December of each calendar year.
23. The SEIAA may alter/modify the above conditions or stipulate any further condition in the interest of environmental protection.
24. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.

**B. Specific Conditions:**

1. At the time of operation, the project proponent will comply with all the guidelines issued by the Government of India/State Govt./District Administration related to Covid-19.
2. This environmental clearance does not create or verify any claim of the applicant on the proposed site/activity.
3. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and the area is less than 05 ha, but factually the distance is less than 500 mt, and the mine is located in the cluster of area equal to or more than 05 ha, the E.C issued will stand revoked.
4. This environmental clearance shall be subject to a valid lease in favor of the project proponent for the proposed mining proposals. In case, the project proponent does not have a valid lease, this environmental clearance shall automatically become null and void.
5. The Environmental clearance will be co-terminus with the mining lease period/Mining Plan whichever is less. The Mining plan approved by the Dept. of Mines and Geology shall be strictly implemented and shall not be operated beyond the validity period.
6. Explosive cannot be stored on the site. The Project proponent shall take approval from Chief Controller of Explosive, if applicable for use or storage of explosive or any such materials.
7. A comprehensive EIA including mining areas within 15 K.M. to assess the impact of the mining activity on the surrounding area shall be undertaken and a report submitted to this Authority within one year.
8. No two pits shall be simultaneously worked i.e. before the first is exhausted and reclamation work completed, no mineral bearing area shall be worked.
9. After exhausting the first mine pit and before starting mining operations in the next pit, reclamation and plantation work in the exhausted pit shall be completed to ensure that reclamation, forest cover, and vegetation are visible during the first year of mining operations in the next pit. This process will follow till the last pit is exhausted. Adequate rehabilitation of mined pit shall be completed before any new ore-bearing area is worked for expansion.
10. An adequate buffer zone shall be maintained between two consecutive mineral-bearing deposits.
11. The sprinkling of water on haul roads to control dust will be ensured by the project proponent.
12. Green belt development shall be carried out considering CPCB guidelines including the selection of plant species and in consultation with the local DFO / Agriculture Department. Herbs and shrubs shall also form a part of the afforestation programme besides tree plantation. The company shall involve local people in the plantation programme. Details of year-wise

- afforestation programme including rehabilitation of mined-out area shall be submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow every year.
13. Blast vibrations study shall be conducted and an observation report submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and UPPCB within six months. The report shall also include measures for the prevention of blasting associated impact on nearby houses and agricultural fields.
  14. Controlled blasting techniques with sequential blasting shall be adopted. The blasting shall be carried out in the daytime only. The project proponent shall ensure prevention of displacement of human beings/wild animals/birds etc. and in case any such displacement is caused due to blasting/mining operation by any chance the project proponent shall take suitable measures for their rehabilitation and resettlement.
  15. Appropriate arrangement for shelter and drinking water for the mining workers has to be ensured at the mining site.
  16. Maintenance of village roads used for transportation of minerals is to be done by the company regularly at its own expenses. The link roads from mining area to main road shall be constructed as all-weather road with black topping and maintained by the project proponent.
  17. The surface runoff rain water harvesting/rain water recharge and water conservation measures will be taken by project proponent in consultation with central /State ground water Board .The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flows from the mining area. The supernatant of the siltation basin and rain water harvested water shall be utilized for watering the haulage area, roads and green belt development etc.
  18. Status of implementation shall be submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and UP Pollution Control Board within six months and thereafter every year from the next consequent year.
  19. The self-environmental audit shall be conducted annually. Every three years third-party environmental audit shall be carried out.
  20. Measures for prevention and control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion shall be carried out with geotextile matting or other suitable material, and thick plantations of native trees and shrubs shall be carried out at the dump slopes. Dumps shall be protected by retaining walls.
  21. Trenches/garland drains shall be constructed at foot of dumps and coco filters installed at regular intervals to arrest silt from being carried to water bodies. An adequate number of Check Dams and Gully Plugs shall be constructed across seasonal/perennial nallahs if any flowing through the ML area and silts arrested. De silting at regular intervals shall be carried out.
  22. Garland drain of appropriate size, gradient, and length shall be constructed for both mine pit and waste dump and sump capacity shall be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity shall also provide an adequate retention period to allow proper settling of silt material. Sedimentation pits shall be constructed at the corners of the garland drains and de silted at regular intervals.
  23. Ground and surface water, if any in and near the core zone (within 5.0 km of the lease) shall be regularly monitored for contamination and depletion due to mining activity and records maintained. The monitoring data shall be submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and U.P. Pollution Control Board regularly. Further, monitoring points shall be located between the mine, and drainage in the direction of flow of groundwater shall be set up and records maintained.
  24. Fugitive dust generation shall be controlled. Fugitive dust emission shall be regularly monitored at locations of nearest human habitation (including schools and other public amenities located nearest to sources of dust generation as applicable) and records submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and U.P. Pollution Control Board regularly.
  25. Baseline data for ambient air quality shall be generated and maintained and RSPM level in ambient air in the nearby human habitation (villages) shall also be monitored along with other parameters.
  26. Corporate Environmental Responsibility (CER) shall be by the project proponent and the details of the various heads of expenditure are to be submitted as per the guidelines provided in the

- recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with the installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of the beneficiary and gram Pradhan along with phone number, photographs should be submitted to Directorate as well as to the District Magistrate / Chief Development officers.
27. Transportation of minerals shall be done by covering the trucks with tarpaulin or other suitable mechanisms so that no spillage of mineral/dust takes place.
  28. Occupational health and safety measures for the workers including identification of work-related health hazards, training on malaria eradication, HIV, and health effects on exposure to mineral dust, etc. shall be carried out. Periodic monitoring for exposure to respirable mineral dust on the workers shall be conducted and records maintained including the health records of the workers. Awareness programmes for workers on the impact of mining on their health and precautionary measures like the use of personal protective equipment etc. shall be carried out periodically. A review of the impact of various health measures shall be conducted followed by follow-up action wherever required.
  29. The project proponent will ensure for employing local people as per requirement, necessary protection measures around the mine pit and waste dump, and garland drain around the mine pit and waste dump.
  30. Topsoil / solid waste shall be stacked properly with proper slope and adequate safeguards and shall be utilized for backfilling (wherever applicable) for reclamation and rehabilitation of the mined-out area. Topsoil shall be separately stacked for utilization later for reclamation and shall not be stacked along with overburden.
  31. Overburden (OB) shall be stacked at the earmarked dump site(s) only and shall not be kept active for long period. The maximum height of the dump shall not exceed 20 m, each stage shall preferably be of a maximum of 10 m and the overall slope of the dump shall not exceed 35°. The OB dump shall be backfilled. The OB dumps shall be scientifically vegetated with suitable native species to prevent erosion and surface runoff.
  32. Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Regional Office, Ministry of Environment & Forests, GoI, Lucknow, and U.P. Pollution Control Board on a six-monthly basis.
  33. The slope of the mining bench and ultimate pit limit shall be as per the mining scheme approved by the Indian Bureau of Mines.
  34. Permission for the abstraction of groundwater shall be taken from Central Ground Water Board. Regular monitoring of ground and surface water sources for level and quality shall be carried out by establishing a network of existing wells and constructing new piezometers during the mining operation. The monitoring shall be carried out four times in a year i.e., premonsoon (April May), monsoon (August), post-monsoon (November), and winter (January), and the data thus collected shall be regularly sent to MoEF&CC, Central Ground Water Authority, and Regional Director, Central Ground Water Board.
  35. The wastewater from the mine shall be treated to conform to the prescribed standards before discharging into the natural stream. The discharged water from the Tailing Dam, if any shall be regularly monitored and report submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow, Central Pollution Control Board, and the State Pollution Control Board.
  36. Hydrogeological study of the area shall be reviewed by the project proponent annually. In case the adverse effect on groundwater quality and quantity is observed mining shall be stopped and resumed only after mitigating steps to contain any adverse impact on groundwater is implemented.
  37. Vehicular emissions shall be kept under control and regularly monitored. Vehicles used for transportation of minerals and others shall have valid permissions as prescribed under Central Motor Vehicle Rules, 1989 and its amendments. The vehicles transporting minerals shall be covered with a tarpaulin or other suitable enclosures so that no dust particles / fine matters escape during the period of transportation. No overloading of minerals for transportation shall be committed. The trucks transporting minerals shall not pass through the wildlife sanctuary if any in the study area.

38. Prior permission from the Competent Authority shall be obtained for the extraction of groundwater if any.
39. A final mine closure plan, along with details of Corpus Fund, shall be submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and U.P. Pollution Control Board 5 years in advance of final mine closure for approval.
40. Project Proponent shall explore the possibility of using solar energy where ever possible.
41. Commitment towards CER has to be followed strictly.
42. Regular health checkup record of the mineworkers has to be maintained at the site in a proper register. It should be made available for inspection whenever asked.
43. Project Proponent has to strictly follow the direction/guidelines issued by MoEF&CC, CPCB, and other Govt. Agencies from time to time.
44. The blasting will be done only after getting permission from the Mining Department.

**Annexure-2**

**Standard Terms of Reference for the Mining Project prescribed by MoEF&CC, GoI**

- 1) Year-wise production details since 1994 should be given, clearly stating the highest production achieved in any one year prior to 1994. It may also be categorically informed whether there had been any increase in production after the EIA Notification 1994 came into force, w.r.t. the highest production achieved prior to 1994.
- 2) A copy of the document in support of the fact that the proponent is the rightful lessee of the mine should be given.
- 3) All documents including approved mine plan, EIA and Public Hearing should be compatible with one another in terms of the mine lease area, production levels, waste generation and its management, mining technology etc. and should be in the name of the lessee.
- 4) All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/ toposheet, topographic sheet, geomorphology and geology of the area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
- 5) Information should be provided in Survey of India Toposheet in 1:50,000 scale indicating geological map of the area, geomorphology of land forms of the area, existing minerals and mining history of the area, important water bodies, streams and rivers and soil characteristics.
- 6) Details about the land proposed for mining activities should be given with information as to whether mining conforms to the land use policy of the State; land diversion for mining should have approval from State land use board or the concerned authority.
- 7) It should be clearly stated whether the proponent Company has a well laid down Environment Policy approved by its Board of Directors? If so, it may be spelt out in the EIA Report with description of the prescribed operating process/procedures to bring into focus any infringement/deviation/ violation of the environmental or forest norms/ conditions? The hierarchical system or administrative order of the Company to deal with the environmental issues and for ensuring compliance with the EC conditions may also be given. The system of reporting of non-compliances / violations of environmental norms to the Board of Directors of the Company and/or shareholders or stakeholders at large, may also be detailed in the EIA Report.
- 8) Issues relating to Mine Safety, including subsidence study in case of underground mining and slope study in case of open cast mining, blasting study etc. should be detailed. The proposed safeguard measures in each case should also be provided.
- 9) The study area will comprise of 10 km zone around the mine lease from lease periphery and the data contained in the EIA such as waste generation etc. should be for the life of the mine / lease period.
- 10) Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary, national park, migratory routes of fauna, water bodies, human settlements and other ecological features should be indicated. Land use plan of the mine lease area should be prepared to encompass preoperational, operational and post operational phases and submitted. Impact, if any, of change of land use should be given.
- 11) Details of the land for any Over Burden Dumps outside the mine lease, such as extent of land area, distance from mine lease, its land use, R&R issues, if any, should be given.
- 12) A Certificate from the Competent Authority in the State Forest Department should be provided, confirming the involvement of forest land, if any, in the project area. In the event of any contrary claim by the Project Proponent regarding the status of forests, the site may be inspected by the State Forest Department along with the Regional Office of the Ministry to ascertain the status of forests, based on which, the Certificate in this regard as mentioned above be issued. In all such cases, it would be desirable for representative of the State Forest Department to assist the Expert Appraisal Committees.
- 13) Status of forestry clearance for the broken up area and virgin forestland involved in the Project including deposition of net present value (NPV) and compensatory afforestation (CA) should be indicated. A copy of the forestry clearance should also be furnished.
- 14) Implementation status of recognition of forest rights under the Scheduled Tribes and other Traditional

Forest Dwellers (Recognition of Forest Rights) Act, 2006 should be indicated.

- 15) The vegetation in the RF / PF areas in the study area, with necessary details, should be given.
- 16) A study shall be got done to ascertain the impact of the Mining Project on wildlife of the study area and details furnished. Impact of the project on the wildlife in the surrounding and any other protected area and accordingly, detailed mitigative measures required, should be worked out with cost implications and submitted.
- 17) Location of National Parks, Sanctuaries, Biosphere Reserves, Wildlife Corridors, Ramsar site Tiger/ Elephant Reserves/(existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated, supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above, should be obtained from the Standing Committee of National Board of Wildlife and copy furnished.
- 18) A detailed biological study of the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out. Details of flora and fauna, endangered, endemic and RET Species duly authenticated, separately for core and buffer zone should be furnished based on such primary field survey, clearly indicating the Schedule of the fauna present. In case of any scheduled- I fauna found in the study area, the necessary plan alongwith budgetary provisions for their conservation should be prepared in consultation with State Forest and Wildlife Department and details furnished. Necessary allocation of funds for implementing the same should be made as part of the project cost.
- 19) Proximity to Areas declared as 'Critically Polluted' or the Project areas likely to come under the 'Aravali Range', (attracting court restrictions for mining operations), should also be indicated and where so required, clearance certifications from the prescribed Authorities, such as the SPCB or State Mining Department should be secured and furnished to the effect that the proposed mining activities could be considered.
- 20) R&R Plan/compensation details for the Project Affected People (PAP) should be furnished. While preparing the R&R Plan, the relevant State/National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs /STs and other weaker sections of the society in the study area, a need based sample survey, family-wise, should be undertaken to assess their requirements, and action programmes prepared and submitted accordingly, integrating the sectoral programmes of line departments of the State Government. It may be clearly brought out whether the village(s) located in the mine lease area will be shifted or not. The issues relating to shifting of village(s) including their R&R and socio-economic aspects should be discussed in the Report.
- 21) One season (non-monsoon) [i.e. March-May (Summer Season); October-December (post monsoon season); December-February (winter season)] primary baseline data on ambient air quality as per CPCB Notification of 2009, water quality, noise level, soil and flora and fauna shall be collected and the AAQ and other data so compiled presented date-wise in the EIA and EMP Report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be such as to represent whole of the study area and justified keeping in view the pre-dominant downwind direction and location of sensitive receptors. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM<sub>10</sub>, particularly for free silica, should be given.
- 22) Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.
- 23) The water requirement for the Project, its availability and source should be furnished. A detailed water balance should also be provided. Fresh water requirement for the Project should be indicated.
- 24) Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.
- 25) Description of water conservation measures proposed to be adopted in the Project should be given.
- 26) Details of rainwater harvesting proposed in the Project, if any, should be provided.
- 27) Impact of the Project on the water quality, both surface and groundwater, should be assessed and necessary safeguard measures, if any required, should be provided.
- 28) Based on actual monitored data, it may clearly be shown whether working will intersect groundwater.

- 29) Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed Hydro Geological Study should be undertaken and Report furnished. The Report inter-alia, shall include details of the aquifers present and impact of mining activities on these aquifers. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of ground water should also be obtained and copy furnished.
- 30) Details of any stream, seasonal or otherwise, passing through the lease area and modification / diversion proposed, if any, and the impact of the same on the hydrology should be brought out.
- 31) Information on site elevation, working depth, groundwater table etc. Should be provided both in AMSL and bgl. A schematic diagram may also be provided for the same.
- 32) A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the Project. Phase-wise plan of plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given. The plant species selected for green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species which are tolerant to pollution.
- 33) Impact on local transport infrastructure due to the Project should be indicated. Projected increase in truck traffic as a result of the Project in the present road network (including those outside the Project area) should be worked out, indicating whether it is capable of handling the incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered. Project Proponent shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.
- 34) Details of the onsite shelter and facilities to be provided to the mine workers should be included in the EIA Report.
- 35) Conceptual post mining land use and Reclamation and Restoration of mined out areas (with plans and with adequate number of sections) should be given in the EIA report.
- 36) Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out in detail. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. The project specific occupational health mitigation measures with required facilities proposed in the mining area may be detailed.
- 37) Public health implications of the Project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary allocations.
- 38) Measures of socio economic significance and influence to the local community proposed to be provided by the Project Proponent should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation.
- 39) Detailed environmental management plan (EMP) to mitigate the environmental impacts which, should inter-alia include the impacts of change of land use, loss of agricultural and grazing land, if any, occupational health impacts besides other impacts specific to the proposed Project.
- 40) Public Hearing points raised and commitment of the Project Proponent on the same along with time bound Action Plan with budgetary provisions to implement the same should be provided and also incorporated in the final EIA/EMP Report of the Project.
- 41) Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
- 42) The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
- 43) A Disaster management Plan shall be prepared and included in the EIA/EMP Report.
- 44) Benefits of the Project if the Project is implemented should be spelt out. The benefits of the Project shall clearly indicate environmental, social, economic, employment potential, etc.
- 45) Besides the above, the below mentioned general points are also to be followed:-
  - a) Executive Summary of the EIA/EMP Report
  - b) All documents to be properly referenced with index and continuous page numbering.
  - c) Where data are presented in the Report especially in Tables, the period in which the data

were collected and the sources should be indicated.

- d) Project Proponent shall enclose all the analysis/testing reports of water, air, soil, noise etc. using the MoEF&CC/NABL accredited laboratories. All the original analysis/testing reports should be available during appraisal of the Project.
- e) Where the documents provided are in a language other than English, an English translation should be provided.
- f) The Questionnaire for environmental appraisal of mining projects as devised earlier by the Ministry shall also be filled and submitted.
- g) While preparing the EIA report, the instructions for the Proponents and instructions for the Consultants issued by MoEF&CC vide O.M. No. J-11013/41/2006-IA.II(I) dated 4th August, 2009, which are available on the website of this Ministry, should be followed.
- h) Changes, if any made in the basic scope and project parameters (as submitted in Form-I and the PFR for securing the TOR) should be brought to the attention of MoEF&CC with reasons for such changes and permission should be sought, as the TOR may also have to be altered. Post Public Hearing changes in structure and content of the draft EIA/EMP (other than modifications arising out of the P.H. process) will entail conducting the PH again with the revised documentation.
- i) As per the circular no. J-11011/618/2010-IA.II(I) dated 30.5.2012, certified report of the status of compliance of the conditions stipulated in the environment clearance for the existing operations of the project, should be obtained from the Regional Office of Ministry of Environment, Forest and Climate Change, as may be applicable.
- j) The EIA report should also include: (i) surface plan of the area indicating contours of main topographic features, drainage and mining area, (ii) geological maps and sections and (iii) sections of the mine pit and external dumps, if any, clearly showing the land features of the adjoining area.

**Annexure-3**

**General and Specific Conditions for Soil Earth Mining Projects:-**

**General condition:**

1. This environmental clearance does not create or verify any claim of applicant on the proposed site/activity.
2. Any mining activity shall be undertaken only after valid permission from Mining Department/District Administration and written agreement with land owner from where earth excavation is proposed.
3. No change in mining technology and scope of working shall be made without approval of Authority.
4. Personnel working in dusty areas shall be provided with protective respiratory devices and they shall also be imparted adequate training and information on safety and health aspects.
5. The Authority reserves the right to revoke the clearance if conditions stipulated are not implemented. The Authority will also be entitled to impose additional environmental conditions or modify the existing ones, if necessary.
6. In case of any deviation or alteration in the project proposed from those submitted to this Authority for clearance, a fresh reference should be made to the Authority to assess the adequacy of the condition(s) imposed and to add additional environmental protection Measures required, if any.
7. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

**Specific Conditions:**

1. The Environmental clearance will be co-terminus with the agreement/mining plan whichever is less.
2. Environment management should be in accordance with the present environment status of the project.
3. Approach kaccha road should be made motorable and maintained periodically.
4. Transportation of soil should be undertaken in covered containers.
5. Rehabilitation plan with planting of trees to be submitted along with the closure plan.
6. Land to be leveled and handed over to the owners after completion of excavation work.
7. A valid NOC from State Pollution Control Board shall be obtained for the Brick kiln prior to operation as per law and all guidelines must be followed, if applicable.
8. The mining operations shall be strictly limited to the proposed mining sites and proposed purpose.
9. Top soil should be adequately preserved and should be used for landscaping.
10. Excavated soil should be properly stored in a manner not to increase surrounding air pollution level.
11. Water sprinkling should be exercised during excavation and storage of soil for suppression of fugitive dust.
12. Excavated area should be properly reclaimed and ensured that no open bore hole is left.
13. Safety measures for the people working at the site shall be duly taken care of as per law.
14. The excavation work shall be done in day time only.
15. The project boundary shall be properly covered to restrict dust dispersion.
16. Precautionary measures during soil excavation for conservation and protection of rare and endangered flora and fauna found in the study area.
17. Noise level shall be maintained as per standards for both day and night.
18. The route map for soil transportation from excavation plots to work site should be firmed up and necessary permissions shall be sought from District Administration.
19. Vehicles hired for the transportation should be in good condition and should have Pollution Check Certificate and should conform to applicable air and noise emission standards.

20. Personnel exposure monitoring for respirable mineral dust shall be carried out for the workers and records maintained including health records of the workers. Awareness program for workers on impact of mining on their health and precautionary measures like use of personal protective equipments etc. shall be carried out periodically. First aid facilities and adequate sanitary facility in the form of temporary toilets/septic tanks.
21. Solid waste material vizguthka rappers, plastic bags, glasses etc. to be generated during project activity will be separately stored in bins and managed as per Solid Waste Management Rules.
22. Project proponent should maintain daily register for information of (a) collection of soil/clay, (b) manpower & (c) transportation purpose.
23. Soil mining shall strictly be undertaken as per rules and regulations/permissions obtained from District Administration/Mining Department
24. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. A copy of resolution as above shall be submitted to the authority along with list of beneficiaries with their mobile nos./address.
25. The borrowing/excavation activity shall be restricted to a maximum depth of 2 m. below general ground level at the site.
26. The borrowing/excavation activity shall be restricted to 2 m. above the ground water table at the site.
27. The borrowing/excavation activity shall not alter the natural drainage pattern of the area.
28. The borrowed/excavated pit shall be restored by the project proponent for useful purpose(s).
29. Appropriate fencing all around the borrowed/excavated pit shall be made to prevent any mishap.
30. Measures shall be taken to prevent dust emission by covering of borrowed/excavated earth during transportation.
31. Safeguards shall be adopted against health risks on account of breeding of vectors in the water bodies created due to borrowing/excavation of earth.
32. Workers/labourers shall be provided with facilities for drinking water and sanitation.
33. A berm shall be left from the boundary of adjoining field having a width equal to at least half the depth of proposed excavation.
34. A minimum distance of 15 m from any civil structure shall be kept from the periphery of any excavation area.