

### **Minutes of 795<sup>th</sup> SEAC-2 Meeting Dated 05/10/2023**

The 795<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 05/10/2023. Following members participated in the meeting:

- |    |                             |                             |
|----|-----------------------------|-----------------------------|
| 1. | Dr. Harikesh Bahadur Singh, | Chairman, SEAC-2            |
| 2. | Dr. Amrit Lal Halder,       | 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              |
| 6. | Dr. Shiv Om Singh,          | Member, SEAC-2 (through VC) |
| 7. | Shri Ashish Tiwari,         | Member Secretary, SEAC-2    |

The Chairman welcomed the members to the 795<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, Directorate of Environment. Nodal Officer, SEAC-2 placed the agenda items along with the available file and documents before the SEAC-2.

**1. Building Stone (Sandstone) mine, at Gata No./Araji /Plot No. 1006, at Village - Sariya, Tehsil- Chunar, District- Mirzapur, Shri Digvijay Singh,, Area: 0.809 ha., 7790/5068/SIA/UP/MIN/425145/2023**

The Secretariat informed the committee that the matter was earlier discussed in 748<sup>th</sup> SEAC meeting dated 12/05/2023 wherein:

*“During the presentation the committee observed that the baseline monitoring data collected by the project proponent during March to May, 2019 which is more than 03 year older. Hence, the committee directed the project proponent to collect one month additional baseline monitoring data to co-relate with their previously collected data in year 2019. The consultant assured the committee that they will start collection of monitoring data between 15 May to 15 June, 2023.”*

The project proponent submitted their replies through online Parivesh Portal on 30/08/2023 and the matter was listed for reply presentation in 795<sup>th</sup> SEAC meeting dated 05/10/2023. 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, Lucknow, U.P.

The project proponent informed the committee that as per direction of SEAC the project proponent conducted one month additional baseline monitoring data for the period of 15 May to 15 June, 2023 to co-relate with their previously collected data in year 2019 and submitted alongwith lab analysis report to SEAC for further consideration.

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) mine, at Gata No./Araji /Plot No. 1006, Village - Sariya, Tehsil- Chunar, District- Mirzapur, Uttar Pradesh, (Leased Area: 0.809 ha).
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 497/Parya/SEAC/5068/2019, dated: 20/12/2019.

3. The Public Hearing was organized on 07/08/2021 at Primary School Sariya, Tehsil-Chunar District - Mirzapur, Uttar Pradesh. Final EIA report submitted by the project proponent on 18/04/2023.

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

1.	On-line proposal No.	New :SIA/UP/MIN/425145/2023 Old: SIA/UP/MIN/43058/2019		
2.	File No. allotted by SEIAA, UP	7790/5068		
3.	Name of Proponent	Shri Digvijay Singh S/o Shri Siya Ram Singh		
4.	Full correspondence address of proponent and mobile no.	R/o: Village- Mahmoodpur, Tehsil- Chunar, District- Mirzapur, U.P.		
		Mobile no. – 8858994821		
		E mail ID - digvijaystonemzpr@gmail.com		
5.	Name of Project	Environmental Clearance for proposed Building Stone (Sandstone) mine, at Gata No./Araji /Plot No. 1006, Lease Area: 0.809 ha at Village - Sariya, Tehsil- Chunar, District- Mirzapur, Uttar Pradesh of Shri Digvijay Singh.		
6.	Project Location (Plot. Khasra/Gata No.)	Gata No.- 1006		
7.	Name of River	NA		
8.	Name of Village	Village- Sariya		
9.	Tehsil	Chunar		
10.	District	Mirzapur		
11.	Name of Minor Mineral	Building Stone (Sandstone) mine		
12.	Sanctioned Lease Area (in Ha.)	0.809 ha		
13.	Max. & Min mRL within lease area	Highest mRL 113.20 mRL Lowest mRL 103.80 mRL		
14.	Pillar Coordinates (Verified by DMO)	Pillar No	N	E
		A	25° 2'11.67''	83° 0'6.06''
		B	25° 2'11.25''	83° 0'7.81''
		C	25° 2'8.83''	83° 0'7.61''
		D	25° 2'9.17''	83° 0'5.90''
15.	Total Geological Reserves	2,14,277 m <sup>3</sup>		
16.	Total Mineable Reserve	82,704 m <sup>3</sup>		
17.	Total Proposed Production	40,450 m <sup>3</sup> (5 years)		
18.	Proposed Production /year (as per LoI)	8090 m <sup>3</sup> /annum		
19.	Sanctioned Period of Mine lease	Plan Period 5 years from the date of lease deed execution.		
20.	Method of Mining	Opencast, /Semi-mechanized method		
21.	No. of worker	22		
22.	No. of vehicles movement/day	3		
23.	Type of Land	Govt./Non Forest Land		
24.	Depth of Mining	12.0 m		
25.	Nearest metalled road from site	0.375 km		
26.	Water Requirement	PURPOSE		
		Drinking	- 0.22 KLD	
		Suppression of dust	- 4.50 KLD	
		Plantation	- 0.162 KLD	
		Others (if any)	- 0.00 KLD	
		Total	- 4.88 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 – 1047/Khanij/Parya/2019-20 dated 22.08.2019		
30.	Details of Lease Area in approved DSR	Serial no. 40 Page no. 12		
31.	Project Cost	1.0 Crore		

32.	Proposed CER cost	2.0 Lacs
33.	Length and breadth of Haul Road	Length – 0.375 km, Breadth – 6.00 m
34.	No. of Trees to be Planted	162

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 05/10/2023 mentioning is as follows:

1. I, Dr. Surendra Vikram Ghavri, S/o Sri Pratap Kumar is EIA Coordinator of Paramarsh Servicing Environment and Development.
2. I have prepared EIA/EMP report for the environmental clearance Building Stone (Sandstone) mine, at Gata No./Araji /Plot No. 1006, Village - Sariya, Tehsil- Chunar, District- Mirzapur, Uttar Pradesh, (Leased Area: 0.809 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 submitted along with EIA/EMP are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivash Portal.
6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy 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 report for the Proposal is prepared by my team as per guideline laid down by QCI/NABET.

#### **RESOLUTION AGAINST AGENDA NO. 01**

**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 specific conditions:**

1. Project Proponent should submit action plan for carrying out plantation at least @1,000 plants / ha of lease area. In this case, PP should prepare a plan, duly approved either by Forest Department or District plantation committee, for planting at least (as per the project) plants, either on government land or community land, within a periphery of 5 km from the boundary of the lease area along with provisions for maintenance for 5 years. Survival of plants should not be less than the survival rate notified by Uttar Pradesh Forest Department otherwise it will be treated as violation of EC condition.
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.
2. **“Imarti Patthar Sandstone (Khanda, Gitti, Boulder, Patiya etc) mine” at Gata No.-16 (part), 33 (part), 133 (part) Village- Hardari, Tehsil- Lalitpur, District- Lalitpur, Shri Dinesh Kumar Sharma, Area- 1.574ha., 8216/SIA/UP/MIN/442643/2023**

**RESOLUTION AGAINST AGENDA NO-02**

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.

3. **Granite-Imarati Patthar (Khanda, Gitty, Boulder, Red Morrum) Mining Project in Gata No-1078, Khand No-28, at Village - Gonda, Tehsil-Karwi, District-Chitrakoot, Shri Avdhesh Tripathi, M/s Avdhesh Tripathi Contractor, Area- 3.036 ha., 8212/7294/SIA/UP/MIN/443010/2023**

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, 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 environmental clearance is sought for Imarati Patthar (Khanda, Gitty, Boulder, Red Morrum) Mining Project in Gata No-1078, Khand No-28, Village - Gonda, Tehsil-Karwi, District-Chitrakoot, U.P., (Leases area 3.036 ha), M/s Avdhesh Tripathi Contractor.
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 302/Parya/SEIAA/7294/2022, dated: 16/12/2022.
3. The Public Hearing was organized on 05/04/2023 at Tehsil-Karwi, District-Chitrakoot, Uttar Pradesh. Final EIA report submitted by the project proponent on 04/09/2023.
4. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	New Proposal No.SIA/UP/MIN/443010/2023 Old Proposal No. SIA/UP/MIN/403619/2022																				
2.	File No. allotted by SEIAA, UP	File No. 8212/7294																				
3.	Name of Proponent	M/s Avdhesh Tripathi Contractor Avdhesh Kumar Tripathi (Prop) s/o Sri Devi Prasad Tripathi																				
4.	Full correspondence address of proponent and mobile no.	Avdhesh Kumar Tripathi (Prop) s/o Sri Devi Prasad Tripathi R/o Shobha Singh ka Purva, Tehsil- Karwi Dist- Chitrakoot 210205, U. P. Mobile no. – E mail ID - avdheshkumart58@gmail.com																				
5.	Name of Project	Environmental Clearance for Proposed Imarati Patthar (Khanda, Gitty, Boulder, Red Morrum) Mining Project in Gata No-1078, Khand No-28, Lease area 3.036 ha at Village - Gonda, Tehsil-Karwi, District-Chitrakoot, U.P. of M/s Avdhesh Tripathi Contractor.																				
6.	Project Location (Plot. Khasra/Gata No.)	Gata No-1078, Khand No-28																				
7.	Name of River	NA																				
8.	Name of Village	Gonda																				
9.	Tehsil	Karwi																				
10.	District	Chitrakoot																				
11.	Name of Minor Mineral	Building Stone mine																				
12.	Sanctioned Lease Area (in Ha.)	3.036 ha																				
13.	Max. & Min mRL within lease area	Highest mRL 295.5 mRL Lowest mRL 217 mRL																				
14.	Pillar Coordinates (Verified by DMO)		<table><tr><td>Pillar</td><td>Latitude</td><td>Longitude</td></tr><tr><td colspan="3">Total Area 3.036 ha</td></tr><tr><td>A</td><td>25° 11.808 'N</td><td>80° 44.023'E</td></tr><tr><td>B</td><td>25° 11.761 'N</td><td>80° 44.165'E</td></tr><tr><td>C</td><td>25° 11.725 'N</td><td>80° 44.135'E</td></tr><tr><td>D</td><td>25° 11.745 'N</td><td>80° 43.981'E</td></tr></table>	Pillar	Latitude	Longitude	Total Area 3.036 ha			A	25° 11.808 'N	80° 44.023'E	B	25° 11.761 'N	80° 44.165'E	C	25° 11.725 'N	80° 44.135'E	D	25° 11.745 'N	80° 43.981'E	
Pillar	Latitude	Longitude																				
Total Area 3.036 ha																						
A	25° 11.808 'N	80° 44.023'E																				
B	25° 11.761 'N	80° 44.165'E																				
C	25° 11.725 'N	80° 44.135'E																				
D	25° 11.745 'N	80° 43.981'E																				
15.	Total Geological Reserves	29,15,789 m <sup>3</sup>																				
16.	Total Mineable Reserve	18,21,600 m <sup>3</sup>																				
17.	Total Proposed Production	4,55,400 m <sup>3</sup> (5 years)																				
18.	Proposed Production /year (as per LoI)	91,080 m <sup>3</sup> /annum																				
19.	Sanctioned Period of Mine lease	Plan Period 5 years from the date of lease deed execution.																				
20.	Method of Mining	Opencast, /Semi-mechanized method																				
21.	No. of worker	54																				
22.	Type of Land	Govt./Non Forest Land																				
23.	Depth of Mining	36.0 m																				
24.	Nearest metalled road from site	0.45 km																				
25.	Water Requirement	<table><tr><td colspan="2">PURPOSE</td></tr><tr><td>Drinking</td><td>- 0.54 KLD</td></tr><tr><td>Suppression of dust</td><td>- 5.40 KLD</td></tr><tr><td>Plantation</td><td>- 4.00 KLD</td></tr></table>			PURPOSE		Drinking	- 0.54 KLD	Suppression of dust	- 5.40 KLD	Plantation	- 4.00 KLD										
PURPOSE																						
Drinking	- 0.54 KLD																					
Suppression of dust	- 5.40 KLD																					
Plantation	- 4.00 KLD																					

		Others (if any)	- 0.00 KLD
		Total	- 10.00 KLD
26.	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	
27.	Any litigation pending against the project or land in any court	No	
28.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No – 768/Khanij/Parya/202-23 dated 12-10-2022	
29.	Details of Lease Area in approved DSR	Serial no.02 Page no. 29	
30.	Project Cost	95.00 lacs	
31.	Proposed CER cost	1.90 Lacs	
32.	Length and breadth of Haul Road	Length – 0.45 km, Breadth – 6.00 m	
33.	No. of Trees to be Planted	4000	

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 05/10/2023 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 Environmental Clearance for Proposed Imarati Patthar (Khanda, Gitty, Boulder, Red Morrum) Mining Project in Gata No-1078, Khand No-28, Lease area 3.036 ha at Village - Gonda, Tehsil-Karwi, District-Chitrakoot, U.P. of M/s Avdhesh Tripathi Contractor Avdhesh Kumar Tripathi (Prop), New Proposal No.SIA/UP/MIN/443010/2023 Old Proposal No. SIA/UP/MIN/403619/2022 with my team.
3. I have personally visited the proposed site along with team 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 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. 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 specific conditions:**

1. Project Proponent should submit action plan for carrying out plantation at least @1,000 plants / ha of lease area. In this case, PP should prepare a plan, duly approved either by Forest Department or District plantation committee, for planting at least (as per the project) plants, either on government land or community land, within a periphery of 5 km from the boundary of the lease area along with provisions for maintenance for 5 years. Survival of plants should not be less than

the survival rate notified by Uttar Pradesh Forest Department otherwise it will be treated as violation of EC condition.

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.

**4. "Sand/Morrum Mining Project" located at Gata No.- 950 & 966, Village - Mailwara, Tehsil - Mauranipur & District - Jhansi, Shri Ashu Singh Bhati, Area 14.164 Ha., 8218/7656/SIA/UP/MIN/443192/2023**

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 environmental clearance is sought for Sand/Morrum Mining Project” located at Gata No.- 950 & 966, Village - Mailwara, Tehsil - Mauranipur & District - Jhansi, U.P., (Leased Area 14.164 Ha).
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 109/Parya/SEIAA/7656/202, Dated 09/06/2023.
3. The Public Hearing was organized on 11/08/2023. Final EIA report submitted by the project proponent on 06/09/2023.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/443192/2023		
2. File No. allotted by SEIAA, U.P	8218-7656		
3. Name of Proponent	M/S SHIVA CORPORATION INDIA (LTD). Proprietor- Shri Ashu Singh Bhati S/o Shri Mangan Singh Bhati		
4. Full correspondence address of proponent and mobile no.	R/o-45, Paschim Vihar, Vaishali Nagar, Jaipur, Rajasthan		
5. Name of Project	Sand/ Morrum Mining Project		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 950 & 966		
7. Name of River	Betwa River		
8. Name of Village	Mailwara		
9. Tehsil	Mauranipur		
10. District	Jhansi (U.P.)		
11. Name of Minor Mineral	Sand/ Morrum Mining Project		
12. Sanctioned Lease Area (in Ha.)	14.164 Ha.		
13. Mineable Area (in Ha.)	9.234 Ha ( safety margin 4.93 Ha)		
14. Zero level mRL	195 mRL		
15. Max. & Min mrl within lease area	Maximum & Minimum mRL 199 mRL & 197 mRL respectively		
16. Pillar Coordinates (Verified by DMO)	Pillar	Latitude(N)	Longitude(E)
	A	25° 7'16.28"N	79°14'35.97"E
	B	25° 8'18.58"N	79°14'56.83"E
	C	25° 8'16.65"N	79°14'58.47"E
	D	25° 7'16.67"N	79°14'37.29"E
	E	25° 7'20.07"N	79°14'33.02"E
	F	25° 7'25.04"N	79°14'32.36"E
	G	25° 7'37.90"N	79°14'40.22"E
	H	25° 7'57.17"N	79°14'42.51"E
	I	25° 8'12.67"N	79°14'50.45"E
	J	25° 8'11.70"N	79°14'52.25"E
	K	25° 7'58.52"N	79°14'45.87"E
	L	25° 7'37.33"N	79°14'41.77"E
	M	25° 7'23.92"N	79°14'35.33"E
	N	25° 7'20.91"N	79°14'35.33"E
17. Total Geological Reserves	70,820 m3		
18. Total Mineable Reserve	46170 m3		
19. Sanction Quantity as per LOI	15,000 m3 in 6 month		
20. Total Proposed Production (in five year)	15,000 m3 in 6 month		
21. Proposed Production/year	15,000 m3 in 6 month		
22. Sanctioned Period of Mine lease	6 month		
23. Monitoring Season	01/10/2022 to 31/12/2022 (Post Monsoon Season)		
24. Method of Mining	Open cast, semi mechanized		
25. Working hours/day	8 hours/day		
26. No. Of workers	70		
27. No. Of vehicles movement/day	7-8 Vehicles movement/day		
28. Type of Land	Government Land		
29. Ultimate Depth of Mining	0.5 m as per approved mining plan		
30. Nearest metalled road from site	SH-42 is 8.4 km towards North from project site		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	

	Drinking water	0.80 KLD
	Dust suppression	2.25 KLD
	Plantation	0.075 KLD
	Others (if any)	-
	Total	3.125 KLD (Approx 3.13 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) Valid up to 21 Jan, 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. 944/ 30 M.M.C/2022-23 Date- 14/09/2022	
35. Details of Lease Area in approved DSR	DSR report page no-51, table no: 9 Si. No-13	
36. Proposed EMP cost	Rs. 9,61,350/(more than 2% of the project cost)	
37. Proposed Total Project cost	Rs. 90,00,000/-	
38. Length and breadth of Haul Road	250 m length and 6 m width	
39. No. of Trees to be Planted	75	

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-I(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 28/09/2023 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 EIA report for the Proposal No. SIA/UP/MIN/443192/2023 (File No. – 8218-7656) River Bed of Betwa River Sand/ Morrum Mining Project of Gata No- 950 & 966 Village: Mailwara, Tehsil- Mauranipur District- Jhansi, Uttar Pradesh.Total lease Area- 14.164 Ha M/S Shri Shiva Corporation India (LTD) Proprietor- Shri Ashu Singh Bhati S/o Shri Mangan Singh Bhati, R/o-45, Paschim Vihar, Vaishali Nagar, Jaipur, Rajasthan 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 EIA/EMP 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.
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. 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-2 to these minutes. The committee also stipulated the following additional conditions:

1. Project proponent should submit the drone videography (not older than 07 days) of the project site mentioning the date, time and geo coordinates before starting the mining process.
2. Directorate of Geology and Mining will ensure conduct of replenishment study from reputed institution for subsequent years in compliance of Hon'ble NGT orders. The quantity mentioned in LoI or quantity mentioned in replenishment study, whichever is less, would be maximum quantity which project proponent may extract. It will be ensured by District Administration and Geology and Mining Department.
3. NOC from Irrigation Department/ Concerning Authority regarding river bed mining to be obtained before start of mining activity.
4. Project Proponent should submit action plan for carrying out plantation at least @1,000 plants / ha of lease area. In this case, PP should prepare a plan, duly approved either by Forest Department or District plantation committee, for planting at least (as per the project) plants, either on government land or community land, within a periphery of 5 km from the boundary of the lease area along with provisions for maintenance for 5 years. Survival of plants should not be less than the survival rate notified by Uttar Pradesh Forest Department otherwise it will be treated as violation of EC condition.
5. The project proponent shall install solar light in their site office.
6. 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.
7. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
8. 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.
9. 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.
10. The project proponent should explore the possibilities of rainwater harvesting.
11. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.
12. 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.
13. 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 concerning department
14. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ water supplying agencies to be submitted.
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.

**5. "Building Stone Gitti/ Boulder (Granite)" Project at Gata No.- 147Ka, 147Kha, 147Ga, Village- Baghmandawa, Tehsil- Dudhi, District- Sonbhadra, M/s Lifemap Builders Pvt. Ltd., Shri Ajay Kumar Singh, Area : 4.3520 ha., 8224/7851/SIA/UP/MIN/443215/2023**

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, 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 environmental clearance is sought for Building Stone Gitti/ Boulder (Granite) Mining at Gata No.- 147Ka, 147Kha, 147Ga , Village- Baghmandawa, Tehsil- Dudhi, District- Sonbhadra, U.P. M/s Lifemap Builders Pvt. Ltd., (Leased Area- 4.3520 ha.).
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 136/Parya/SEIAA/7851/2023, dated: 01/07/2023.

3. The Public Hearing was organized on 22/08/2023. Final EIA report submitted by the project proponent on 05/09/2023.

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

1.	On-line proposal No.	SIA/UP/MIN/443215/2023		
2.	File No. allotted by SEIAA, UP	8224/7851		
3.	Name of Proponent	Lifemap Builders Pvt. Ltd., Director- Shri Ajay Kumar Singh S/o Shri Baijnath Singh		
4.	Full correspondence address of proponent	Add.- 51415A, Ambrosiya Apartment Lanka, District-Varanasi, U.P.		
5.	Name of Project	Building Stone Gitti/ Boulder (Granite) Mining Project		
6.	Project location (Plot/ Khasra /Gata No.)	Gata No.- 147Ka, 147Kha, 147Ga		
7.	Name of Village	Baghmandawa		
8.	Tehsil	Dudhi		
9.	District	Sonbhadra		
10.	Name of Minor Mineral	Building Stone Gitti/ Boulder (Granite)		
11.	Sanctioned Lease Area (in Ha.)	4.3520 ha.		
12.	Max.& Min mRL within lease area	270 mRL- 255 mRL		
13.	Pillar Coordinates (Verified by DMO)	Pillars	Latitude (N)	Longitude (E)
		A	24° 12' 44.16"N	83° 18' 29.86"E
		B	24° 12' 46.19"N	83° 18' 30.21"E
		C	24° 12' 51.06"N	83° 18' 34.39"E
		D	24° 12' 53.29"N	83° 18' 40.19"E
		E	24° 12' 54.21"N	83° 18' 41.36"E
		F	24° 12' 53.21"N	83° 18' 41.91"E
		G	24° 12' 52.01"N	83° 18' 42.04"E
		H	24° 12' 50.24"N	83° 18' 41.40"E
		I	24° 12' 50.09"N	83° 18' 40.74"E
		J	24° 12' 49.43"N	83° 18' 40.42"E
		K	24° 12' 48.83"N	83° 18' 41.29"E
14.	Total Geological Reserves	4610127 m <sup>3</sup>		
15.	Total Mineable Reserves	1176715 m <sup>3</sup>		
16.	Total Proposed Production (in five year)	652800 m <sup>3</sup>		
17.	Proposed Production / year	130560 m <sup>3</sup>		
18.	Sanctioned Period of Mine lease	10 Years		
19.	Method of Mining	Opencast Semi-Mechanized		
20.	No.Of workers	46 (approx.)		
21.	Type of Land	Govt. revenue land		
22.	Nearest metalled road from site	100m		
23.	Water Requirement	PURPOSE	REQUIREMENT (KLD)	
		Drinking & Others	0.50	
		Suppression of dust	0.60	
		Plantation	5.00	
		Total	6.10	
24.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh Servicing Environment and Development, Lucknow, U.P. QCI/NABET/EIA/2124/RA0224, Validity-01/05/2024		
25.	Any litigation pending against the project or land in any court	No		
26.	Details of 500 m Cluster certificate Verified by Mining Officer	DMO, Sonbhadra vide Letter No. 316/Khanij/2023, Dated 28 <sup>th</sup> April, 2023		
27.	Details of Lease Area in approved DSR	Sudhi Patra No.-272/Khanij/DSR/2023, Dated 26-04-2023		
28.	Proposed CER cost	1.80 Lakh		
29.	Proposed EMP cost	EMP in First Year – 22.30 Lakh EMP (Recurring Years) – 8.65 Lakh		
30.	Length and breadth of Haul Road.	Length- 100m, Width- more than 6.0 m		

31.	No. of Trees to be Planted	5000
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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 08/08/2023 mentioning is as follows:

1. I, Pankaj Srivastava S/o Sri V.V. Srivastava am EIA Coordinator of Paramarsh Servicing Environment and Development.
2. I have prepared EIA report for EC in the name of Lifemap Builders Pvt. Ltd. Director- Shri Ajay Kumar Singh S/o Shri Baijnath Singh for the “Building Stone Gitti/ Boulder (Granite)” Project at Gata No.- 147Ka, 147Kha, 147Ga, Village- Baghmandawa, Tehsil- Dudhi, District- Sonbhadra, U.P. (Applied Area : 4.3520 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 submitted along with EIA are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivash Portal.
6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy 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 report for the Proposal is prepared by my team as per guideline 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 specific conditions:**

1. Project Proponent should submit action plan for carrying out plantation at least @1,000 plants / ha of lease area. In this case, PP should prepare a plan, duly approved either by Forest Department or District plantation committee, for planting at least (as per the project) plants, either on government land or community land, within a periphery of 5 km from the boundary of the lease area along with provisions for maintenance for 5 years. Survival of plants should not be less than the survival rate notified by Uttar Pradesh Forest Department otherwise it will be treated as violation of EC condition.
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. **“Building Stone Gitti/ Boulder (Granite)” Project at Gata No.- 220Ka, 220Ka Mi., 220Kha, Village- Baghmandawa, Tehsil- Dudhi, District- Sonbhadra, A.K.S. Highway Projects Pvt. Ltd., Prop.- Shri Ajay Kumar Singh, Area : 2.9950 ha., 8222/7853/SIA/UP/MIN/443447/2023**

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, 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 environmental clearance is sought for Building Stone Gitti/ Boulder (Granite) Mining at Gata No. 220Ka, 220Ka Mi., 220Kha, Village- Baghmandawa, Tehsil- Dudhi, District- Sonbhadra, U.P. (Leased Area- 2.9950 ha.), M/s A.K.S. Highway Projects Pvt. Ltd.
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 141/Parya/SEIAA/78532023, dated 01/07/2023.
3. The Public Hearing was organized on 22/08/2023. Final EIA report submitted by the project proponent on 05/09/2023.
4. Salient features of the project as submitted by the project proponent:

**Minutes of 795<sup>th</sup> SEAC-2 Meeting Dated 05/10/2023**

1.	On-line proposal No.	SIA/UP/MIN/443447/2023		
2.	File No. allotted by SEIAA, UP	8222/7853		
3.	Name of Proponent	A.K.S. Highway Projects Pvt. Ltd., Director- Shri Ajay Kumar Singh S/o Shri Baijnath Singh		
4.	Full correspondence address of proponent	Add.- Ambrosiya Apartment Lanka, District-Varanasi, U.P.		
5.	Name of Project	Building Stone Gitti/ Boulder (Granite) Mining Project		
6.	Project location (Plot/ Khasra /Gata No.)	Gata No.- 220Ka, 220Ka Mi., 220Kha		
7.	Name of Village	Baghmandawa		
8.	Tehsil	Dudhi		
9.	District	Sonbhadra		
10.	Name of Minor Mineral	Building Stone Gitti/ Boulder (Granite)		
11.	Sanctioned Lease Area (in Ha.)	2.9950 ha.		
12.	Max.& Min mRL within lease area	251 mRL- 245 mRL		
13.	Pillar Coordinates (Verified by DMO)	Pillars	Latitude (N)	Longitude (E)
		A	24° 13' 06.33"N	83° 18' 31.44"E
		B	24° 13' 06.71"N	83° 18' 33.28"E
		C	24° 13' 06.28"N	83° 18' 35.93"E
		D	24° 13' 04.50"N	83° 18' 38.27"E
		E	24° 13' 03.53"N	83° 18' 38.53"E
		F	24° 13' 01.27"N	83° 18' 36.59"E
		G	24° 13' 01.94"N	83° 18' 34.83"E
		H	24° 13' 01.94"N	83° 18' 33.67"E
		I	24° 13' 01.50"N	83° 18' 33.50"E
		J	24° 13' 01.57"N	83° 18' 30.87"E
		K	24° 13' 05.09"N	83° 18' 30.13"E
		L	24° 13' 05.02"N	83° 18' 30.45"E
14.	Total Geological Reserves	2099204 m <sup>3</sup>		
15.	Total Mineable Reserves	749277 m <sup>3</sup>		
16.	Total Proposed Production (in five year)	449250 m <sup>3</sup>		
17.	Proposed Production / year	89850 m <sup>3</sup>		
18.	Sanctioned Period of Mine lease	10 Years		
19.	Method of Mining	Opencast Semi-Mechanized		
20.	No.Of workers	40 (approx.)		
21.	Type of Land	Govt. revenue land		
22.	Nearest metalled road from site	100m		
23.	Water Requirement	PURPOSE	REQUIREMENT (KLD)	
		Drinking & Others	0.40	
		Suppression of dust	0.60	
		Plantation	3.00	
		Total	4.00	
24.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh (Servicing Environment and Development), Lucknow, U.P. QCI/NABET/EIA/2124/RA0224, Validity-01/05/2024		
25.	Any litigation pending against the project or land in any court	No		
26.	Details of 500 m Cluster certificate Verified by Mining Officer	Letter No.- 315/Khanij/2023, Dated 28-04-2023		
27.	Details of Lease Area in approved DSR	Sudhi Patra No.-272/Khanij/DSR/2023, Dated 26-04-2023		
28.	Proposed CER cost	1.55 Lakh		
29.	Proposed EMP cost	EMP in First Year - 16.25 Lakh EMP (Recurring Years) – 7.20 Lakh		
30.	Length and breadth of Haul Road.	Length- 100m, Width- more than 6.0 m		
31.	No. of Trees to be Planted	3000		

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 05/09/2023 mentioning is as follows:

1. I, Pankaj Srivastava S/o Sri V.V. Srivastava am EIA Coordinator of Paramarsh Servicing Environment and Development.
2. I have prepared EIA report for EC in the name of A.K.S. Highway Projects Pvt. Ltd. Director- Shri Ajay Kumar Singh S/o Shri Baijnath Singh for the "Building Stone Gitti/ Boulder (Granite)" Project at Gata No.- 220Ka, 220Ka Mi., 220Kha, Village- Baghmandawa, Tehsil- Dudhi, District- Sonbhadra, U.P. (Applied Area : 2.9950 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 submitted along with EIA are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivash Portal.
6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy 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 report for the Proposal is prepared by my team as per guideline 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-1 to these minutes. The committee also stipulated the following specific conditions:**

1. Project Proponent should submit action plan for carrying out plantation at least @1,000 plants / ha of lease area. In this case, PP should prepare a plan, duly approved either by Forest Department or District plantation committee, for planting at least (as per the project) plants, either on government land or community land, within a periphery of 5 km from the boundary of the lease area along with provisions for maintenance for 5 years. Survival of plants should not be less than the survival rate notified by Uttar Pradesh Forest Department otherwise it will be treated as violation of EC condition.
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.

**7. “Granite Gitti, Khanda/ Boulder” Project at Gata No./ Khand No.- 1078 / 17, Village- Gonda, Tehsil- Karwi, District- Chitrakoot, Shri Rasmeet Singh Malhotra, Area : 1.6200 ha., 8228/7697/SIA/UP/MIN/443598/2023**

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, 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 environmental clearance is sought for Granite Gitti, Khanda/ Boulder Mining at Gata No./ Khand No.- 1078 / 17, Village- Gonda, Tehsil- Karwi, District- Chitrakoot, U.P. (Applied Area- 1.6200 ha.), M/s Reva Sugar Industries Pvt. Ltd.
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 90/Parya/SEIAA/7697/2023, dated: 09/06/2023.
3. The Public Hearing was organized on 16/08/2023. Final EIA report submitted by the project proponent on 08/09/2023.

**4. Salient features of the project as submitted by the project proponent:**

1.	On-line proposal No.	SIA/UP/MIN/443598/2023
2.	File No. allotted by SEIAA, UP	8228 / 7697
3.	Name of Proponent	M/s Reva Sugar Industries Pvt. Ltd., Director- Shri Rasmeet Singh Malhotra
4.	Full correspondence address of proponent	Add.- Village- Tumda, Tehsil- Saikheda, District-

		Narsinghpur, M.P.		
5.	Name of Project	Granite Gitti, Khanda/ Boulder Mining Project		
6.	Project location (Plot/ Khasra /Gata No.)	Gata No./ Khand No.- 1078 / 17		
7.	Name of Village	Gonda		
8.	Tehsil	Karwi		
9.	District	Chitrakoot		
10.	Name of Minor Mineral	Granite Gitti, Khanda/ Boulder		
11.	Sanctioned Lease Area (in Ha.)	1.6200 ha.		
12.	Max.& Min mRL within lease area	264 mRL- 242 mRL		
13.	Pillar Coordinates (Verified by DMO)	Pillars	Latitude (N)	Longitude (E)
		A	25° 11.939'N	80° 44.367'E
		B	25° 11.904'N	80° 44.395'E
		C	25° 11.827'N	80° 44.338'E
		D	25° 11.858'N	80° 44.295'E
14.	Total Geological Reserves	2544682 m <sup>3</sup>		
15.	Total Mineable Reserves	311146 m <sup>3</sup>		
16.	Total Proposed Production (in five year)	202500 m <sup>3</sup>		
17.	Proposed Production / year	40500 m <sup>3</sup>		
18.	Sanctioned Period of Mine lease	20 Years (Max.)		
19.	Method of Mining	Opencast Semi-Mechanized		
20.	No.Of workers	35 (approx.)		
21.	Type of Land	Govt. revenue land		
22.	Nearest metalled road from site	200m		
23.	Water Requirement	PURPOSE	REQUIREMENT (KLD)	
		Drinking & Others	0.40	
		Suppression of dust	1.20	
		Plantation	2.00	
		Total	3.60	
24.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh (Servicing Environment and Development), Lucknow, U.P. QCI/NABET/EIA/2124/RA0224, Validity-01/05/2024		
25.	Any litigation pending against the project or land in any court	No		
26.	Details of 500 m Cluster certificate Verified by Mining Officer	DMO, Chitrakoot (Khanan Anubhag) vide Letter No. 93/Khanij/2022-23, Dated 18 <sup>th</sup> April, 2022		
27.	Details of Lease Area in approved DSR	Page No.-29, Table No.- 17, S.No.- 2 with Sudhi Patra No.-1610/khanij/2023-24, Dated 19-04-2023		
28.	Proposed CER cost	1.35 Lakh		
29.	Proposed EMP cost	EMP in First Year - 13.45 Lakh EMP (Recurring Years) – 6.70 Lakh		
30.	Length and breadth of Haul Road.	Length- 200m, Width- more than 6.0 m		
31.	No. of Trees to be Planted	2000		

- 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 08/09/2023 mentioning is as follows:

- I, Pankaj Srivastava S/o Sri V.V. Srivastava am EIA Coordinator of Paramarsh Servicing Environment and Development.

2. I have prepared EIA report for EC in the name of M/s Reva Sugar Industries Pvt. Ltd., Directors- Shri Rasmeet Singh Malhotra for the “Building Stone (Khanda/ Gitti/ Boulder/ Pahadi Red Morrum)” Project at Gata No.- 1078 (Khand No.- 17), Village- Gonda, Tehsil- Karwi, District- Chitrakoot, U.P. (Applied Area : 1.620 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 submitted along with EIA are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivash Portal.
6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy 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 report for the Proposal is prepared by my team as per guideline laid down by QCI/NABET.

**RESOLUTION AGAINST AGENDA NO. 07**

**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 specific conditions:**

1. Project Proponent should submit action plan for carrying out plantation at least @1,000 plants / ha of lease area. In this case, PP should prepare a plan, duly approved either by Forest Department or District plantation committee, for planting at least (as per the project) plants, either on government land or community land, within a periphery of 5 km from the boundary of the lease area along with provisions for maintenance for 5 years. Survival of plants should not be less than the survival rate notified by Uttar Pradesh Forest Department otherwise it will be treated as violation of EC condition.
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.

**(Prof. Jaswant Singh)**  
**Member**

**(Dr. Amrit Lal Halder)**  
**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 31st 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 05ha, but factually the distance is less than 500 mt, and the mine is located in the cluster of area equal to or more than 05ha, 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

General and Specific Conditions for Sand/Morum Mining Proposals

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 law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along-with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours' time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take-care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Moram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.
18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such program me. The project proponent shall provide separate budget for community development activities and income generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
21. Dispensary facilities for first-aid shall be provided at site.
22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.

23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions the District Mining Officer will report to SEIAA.
24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad/ Municipal Corporation and Urban Local Body.
26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
31. Under corporate social responsibility a sum of 5% of the total project cost or total income whichever is higher is to be earmarked for total lease period. Its budget is to be separately maintained. CER component shall be prepared based on need of local habitant. Income generating measures which can help in upliftment of poor section of society, consistent with the traditional skills of the people shall be identified. The programme can include activities such as development of fodder farm, fruit bearing orchards, free distribution of smokeless Chula etc.
32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Integrated Regional Office, MoEF&CC, GoI, Lucknow, SEIAA, U.P and UPPCB.
34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).

42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Integrated Regional Office, MoEF&CC, GoI, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

**Specific Conditions:**

1. The Environmental clearance will be co-terminus with the mining lease period/mining plan whichever is less.
2. At the time of operation, project proponent will comply with all the guidelines issued by Government of India/State Govt./District Administration related to Covid-19.
3. Environment management in according to environmental status and impact of the project.
4. During the school opening and closing time transportation of minerals will be restricted.
5. Selection of plants for green belt should be on the basis of pollution removal index. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
6. No mining activity should be carried out in-stream channel as per SSMMG, 2016.
7. Pakkamotorable haul road to be maintained by the project proponent.
8. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
9. Permission from the competent authority regarding evacuation route should be taken.
10. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
11. Provision for cylinder to workers should be made for cooking.
12. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
13. Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road. Width of the haul road shall be more than 6 meter.
14. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
15. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
16. Provision for two toilets and hand pumps should be made at mining site.
17. Drinking water for workers would be provided by tankers.
18. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
19. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
20. Corporate Environmental Responsibility (CER) plan 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.

21. Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
22. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
23. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
24. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
25. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
26. If in future this lease area becomes part of cluster of equal to or more than 05 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
27. Project falling within 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
28. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
29. 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 area is less than 05 ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 05 ha, the E.C issued will stand revoked.
30. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
31. The mining work will be open-cast and manual/semi mechanized (subject to orders). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
32. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width whichever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
33. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
34. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
35. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
36. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
37. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS))].
38. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
39. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.

40. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
41. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. 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.
42. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
43. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
44. Solid waste material viz., gutkha pouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
45. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
46. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Integrated Regional Office, MoEF&CC, GoI, Lucknow, SEIAA, U.P. and UPPCB.
47. The project authorities 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 Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Integrated Regional Office, MoEF&CC, GoI, Lucknow, CPCB, State PCB.
48. The MoEF&CC/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
49. 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.
50. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
51. Waste water from potable use be collected and reused for sprinkling.
52. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.