

Minutes of 747th SEAC-1 Meeting Dated 11/05/2023

The 747th meeting of SEAC-1 was held in the Directorate of Environment, U.P. through dual-mode (physically/virtually) at 10:00 AM on 11/05/2023. Following members participated in the meeting:

- | | | |
|----|----------------------------|--------------------------|
| 1. | Shri Rajive Kumar, | Chairman, SEAC |
| 2. | Dr. Ratan Kar, | Member, SEAC-1 |
| 3. | Dr. Brij Bihari Awasthi, | Member, SEAC-1 |
| 4. | Shri Umesh Chandra Sharma, | Member, SEAC-1 |
| 5. | Shri Ashish Tiwari, | Member-Secretary, SEAC-1 |

The Chairman welcomed the members to the 747th SEAC-1 meeting which was conducted via dual-mode (virtually/physically). Nodal Officer, SEAC-1 informed the committee that the agenda has been approved by the Member Secretary, SEAC-1/Director Environment. Nodal Officer, SEAC-1 placed the agenda items along with the available file and documents before the SEAC-1.

1. **Riverbed “Morrum Mining Project” on the riverbed of Son River at Arazi No.- 385, (Khand- ३), Village- Barhmori, Tehsil- Obra, District- Sonbhadra, Shri Vijay Sen, M/s Mastergenie Services Private Limited, Area: 12.146 Ha., File No. 7758/ 6938/ Proposal No. SIA/UP/MIN/424703/2023**

RESOLUTION AGAINST AGENDA NO. 01

The Secretariat informed the committee that the above project has already been taken in 741st SEAC meeting dated 24/04/2023 and recommended for grant of environmental clearance. Hence, no action is required in the matter at SEAC level.

2. **“Building Stone Khanda, Boulders, Ballast (Gitti) Mining Project” located at Gata No. -989 (Khand No.- 04), Village-Makarbai, Tehsil- Sadar& District- Mahoba, Shri Anant Ram Shukla, Area- 0.809 ha., File No. 7768/ 6890/ Proposal No. SIA/UP/MIN/425239/2023**

RESOLUTION AGAINST AGENDA NO. 02

The project proponent or any responsible person from project proponent side did not appear in the meeting. Hence, the committee directed to defer the matter from the agenda. The file shall not be treated as pending at SEAC. The matter will be discussed only after submission of online requests from project proponent on prescribed online portal.

3. **Building Stone, Khandas & Gitti, Boulder Mining Project at Gata No.- 2450, Khand No.- 06, Village- Jarar, Tehsil: Naraini & District- Banda, Shri Lavlesh Singh, Area- 2.0 ha., File No. 7770/ 5043/ Proposal No. SIA/UP/MIN/425411/2023**

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 Building Stone, Khandas & Gitti, Boulder Mining Project at Gata No. 2450, Khand No. 06, Village- Jarar, Tehsil: Naraini & District- Banda, U.P., (Leased Area- 2.0 ha.).
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 468/Parya/SEIAA/5043/2019, Dated 13/12/2019.

3. The Public Hearing was organized on 28/03/2023. Final EIA Report was submitted by the Project Proponent on 10/04/2023.

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

1. On-line proposal No.	SIA/UP/MIN/425411/2023		
2. File No. allotted by SEIAA, UP	7770-5043		
3. Name of Proponent	M/s Shivarpan Trading Company Shri Lavlesh Singh, S/o-Shri Lochan Singh		
4. Full correspondence address of proponent and mobile no.	R/o- Muhalla- Kalukuwan, Baberu Road, Tehsil- Banda, District- Banda (U.P), Pin Code-210001		
5. Name of Project	Building Stone (Khanda, Gitty, Boulder) Mining Project		
6. Project location (Plot/Khasra/Gata No. / khand No.)	Gata No. 2450 Khand No.-06		
7. Name of River	N.A		
8. Name of Village	Jarar		
9. Tehsil	Naraini		
10. District	Banda (U.P)		
11. Name of Minor Mineral	Stone Mining Project		
12. Sanctioned Lease Area (in Ha.)	2.0 Ha.		
13. Mineable Area (in Ha.)	1.567 Ha (safety margin 0.433 Ha).		
14. Zero level mRL	N.A		
15. Max. & Min mrl within lease area	Maximum mRL 180.95 mRL Minimum mrl 149.10 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillar No	N	E
	A	25° 18'53.47"	80° 21'42.37"
	A1	25°18'52.87"	80°21'43.49"
	B	25° 18 52.33"	80° 21'44.46"
	B1	25°18'51.19"	80°21'45.05"
	B2	25°18'50.28"	80°21'45.51"
	B3	25°18'49.28"	80°21'46.02"
	C	25°18'48.49"	80°21'46.42"
	C1	25°18'48.96"	80°21'47.58"
	D	25°18'49.51"	80°21'48.79"
	D1	25°18'50.84"	80°21'48.49"
	D2	25°18'52.17"	80°21'48.19"
	E	25° 18'53.56"	80° 21'47.82"
	F	25° 18'54.01"	80° 21'48.96"
	F1	25°18'54.90"	80°21'48.52"
	G	25° 18'55.80"	80° 21'48.04"
	G1	25°18'55.19"	80°21'46.61"
	G2	25°18'54.62"	80°21'45.20"
	G3	25°18'54.06"	80°21'43.81"
17. Total Geological Reserves	460220 m ³		
18. Total Mineable Reserves	325434 m ³		
19. Total Proposed Production (in five year)	100000 m ³ for 5 year		
20. Proposed Production/year	20000 m ³ per year		
21. Sanctioned Period of Mine lease	20 Years		
22. Production for 20 years	400000 m ³ for lease period of 20 years		
23. Method of Mining	Open cast, Semi-Mechanized		
24. No. of working days	250		
25. Working hours/day	8 hours/day		
26. No. Of workers	Approximately 28 workers		
27. No. Of vehicles movement/day	5-6 Vehicles movement/day		
28. Type of Land	Government Land (Stony & undulated)		
29. Ultimate Depth of Mining	18.0 meter for 5 years as per approved mining plan		
30. Nearest metalled road from site	MDR-11B about 3.0 km towards East direction from the project site.		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.38 KLD	

	Suppression of dust	2.7 KLD
	Plantation	2.0 KLD
	Others (if any)	-
	Total	5.08 KLD approx.
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 upto January 21, 2024	
33. Any litigation pending against the project or land in any court	NO	
34. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 1779/ Khanij -30 dated 05/10/2019 (Showing cluster of 18.47 Ha)	
35. Details of Lease Area in approved DSR	शुद्धि पत्र पत्रांक- 1374/पर्या0 सचि0 बाँदा दिनांक: 13/ 08/2019, Sr. No.- 15	
36. Proposed CER cost	Rs. 1668257/-	
37. Proposed EMP cost/ Total Project cost	Rs. 98,00,000/-	
38. Length and breadth of Haul Road	300 m length and 6 m width	
39. No. of Trees to be Planted	2000	
40. Monitoring season	1 Oct 2021 to 31 Dec 2021 (post monsoon)	

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 08/05/2023 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 project report for the Proposal No. SIA/UP/MIN/425411/2023 (File No. – 7770-5043) M/s Shivarpan Trading Company, Proponent- Shri Lavlesh Singh, S/o-Shri Lochan Singh, R/o- Muhalla- Kalukuwan, Baberu Road, Tehsil- Banda, District- Banda (U.P), Pin Code- 210001, proposed “Building Stone (Khanda, Gitty, Boulder) Mining Project” located at Gata No. 2450 Khand No.-06 (Area 2.0 Ha.) in Village- Jarar, Tehsil- Naraini & District- Banda, Uttar Pradesh.) with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I have satisfied with that all the necessary data/information required for 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. 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 has committed to plant 1000 number of trees/hectare. The project proponent/consultant if desires may approach to concerned District Forest Authority to plant 1000 trees/ha on a land available to the Forest Department. The project proponent will deposit the required amount for this entire plantation work (including its maintenance and security) to the Forest Department.
 2. The project proponent shall install solar light in their site office.
 3. During the submission of 6 monthly compliance reports, the project proponent should make sure that the periodically taken site photographs should also be annexed along with the compliance report.
 4. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
 5. The maximum height of the bench should be 06 meters and the width of the bench should be at least twice the height of the bench as per the mine plan approval letter by DGM, U.P
 6. In case the blasting is proposed during a mining operation, the project proponent needs to assess its impact on the displacement of human beings/wild animals/birds/other species, and the suitable measures proposed and taken for their rehabilitation and resettlement need to be clearly described in first 6 monthly compliance report.
 7. The project proponent shall submit a final mine closure plan/Exit protocol for rehabilitation of mined-out land to match its surrounding land use 3years before the closure of the mine to SEIAA, UP and Department of Mines and Geology, UP for approval. The project proponent shall ensure the implementation of the approved plan under the supervision of the Dept. of Mines and Geology.
 8. The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flow from the quarry area. The surface runoff rainwater harvesting and other water conservation measures on a long-term basis are to be taken in consultation with the Central/State Groundwater Board. The water so collected should be utilized for watering the haulage area, roads, and green belt development, etc.
 9. The project proponent shall take all suitable measures to prevent pollution of groundwater and nearby water bodies in consultation with the State Pollution Control Board and consent to operate (if applicable) should be obtained from the State Pollution Control Board before the start of production from the mine.
 10. Link Road from the quarry site to the main road shall be constructed as an all-weather road with blacktopping and maintained by the project proponent.
 11. Vehicular emissions should be kept under control and regularly monitored. Suitable measures shall be taken for proper maintenance of vehicles used in a quarry operation and transportation.
 12. The project proponent should explore the possibilities of rainwater harvesting.
 13. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.
 14. Latest technology (water sprinklers/ tankers) to be adopted for mitigating dust at source points in lease area and haulage road during operational activity/vehicular movement.
 15. As per the proposed plan, plantation with area specific plant species, number of plants to be Planted and report of green belt development to be submitted to the concerning department
4. **“Granite (Khanda, Gitti& Boulder) Mine” Project at Gata No.- 2450 (Khand No.- 01), Village- Jarar, Tehsil- Naraini, District- Banda, Shri Brij Mohan Kirar, Area : 2.0 ha., File No. 7775/ 5019/ Proposal No. SIA/UP/MIN/425801/2023**

RESOLUTION AGAINST AGENDA NO. 04

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.

5. Building stone Sand Stone Mine at Gata No.- 486, Sl. No.- 21, Village- Pattikalan, Tehsil- Chunar, District- Mirzapur, Shri Shailendra Kumar Singh , M/s Paranjali Stone works, Area 0.8090 ha., File No. 7776/7120/ Proposal No. SIA/UP/MIN/424007/2023

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

1. The environmental clearance is sought for Sandstone mining project at Arazhi No. 486, Sl. No. 21 Village- Pattikalan, Tehsil- Chunar, District- Mirzapur, State-Uttar Pradesh, (Leased 0.809 Ha), M/s Pranjali Stone Work.
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 173/Parya/SEIAA/7120/2022, dated 11/08/2022.
3. The Public Hearing was organized on 30/12/2022. Final EIA Report was submitted by the Project Proponent on 13/04/2023.
4. Salient features of the project as submitted by the project proponent:

4. Salient features of the project as submitted by the project proponent.																					
1.	On-line proposal No.	SIA/UP/MIN/424007/2023																			
2.	File No. allotted by SEIAA, UP	7776/7120																			
3.	Name of Proponent	M/s Pranjali Stone works , Prop. Shri Shailendra Kumar Singh																			
4.	Full correspondence address of proponent and mobile No.	R/o Village- Rajpur, Post- Adalhat, Pachegda, District- Mirzapur, and State-Uttar Pradesh																			
5.	Name of Project	Proposed Pattikalan Building Sandstone Mining project																			
6.	Project location (Plot/Khasra/Gata No.)	Arazi No. 486, Sl. No.21																			
7.	Name of River	-																			
8.	Name of Village	Pattikalan																			
9.	Tehsil	Chunar																			
10.	District	Mirzapur																			
11.	Name of Minor Mineral	Building Stone (Sandstone)																			
12.	Sanctioned Lease Area (in Ha.)	0.809 ha																			
13.	Max & Min mRL within lease area	Max- 117.00 mRL and Min- 104.00 mRL																			
14.	Pillar Coordinates (Verified by DMO)	<table><tr><th colspan="3">Sanctioned Mining Lease Area</th></tr><tr><th>Pillar No.</th><th>Latitude</th><th>Longitude</th></tr><tr><td>A</td><td>25° 00'24.8"N</td><td>83°01'08.7"E</td></tr><tr><td>B</td><td>25° 00'25.8"N</td><td>83°01'10.7"E</td></tr><tr><td>C</td><td>25°00'21.8"N</td><td>83°01'12.8"E</td></tr><tr><td>D</td><td>25° 00'21.1"N</td><td>82°01'10.7"E</td></tr></table>		Sanctioned Mining Lease Area			Pillar No.	Latitude	Longitude	A	25° 00'24.8"N	83°01'08.7"E	B	25° 00'25.8"N	83°01'10.7"E	C	25°00'21.8"N	83°01'12.8"E	D	25° 00'21.1"N	82°01'10.7"E
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C	25°00'21.8"N	83°01'12.8"E																			
D	25° 00'21.1"N	82°01'10.7"E																			
15.	Total Geological Reserves	2,47,772 Cum																			
16.	Total Mineable Reserves in LOI	24,270 Cum/year																			
17.	Total Proposed Production	24,270 Cum/year																			
18.	Proposed Production/year	24,270 Cum/year																			
19.	Sanctioned Period of Mine lease	Maximum 20 years																			
20.	Method of Mining	Open Cast Semi-mechanized Method																			
21.	No. of working days	260 days																			
22.	Working hours/day	8 hrs																			
23.	No. of workers	22																			
24.	No. of vehicles movement/day	13																			
25.	Type of Land	Government waste land																			
26.	Ultimate Depth of Mining	36																			
27.	Nearest metalled road from site	0.5 km																			
28.	Water Requirement	<table><tr><th>PURPOSE</th><th>REQUIREMENT (KLD)</th></tr><tr><td>Drinking</td><td>0.22</td></tr></table>	PURPOSE	REQUIREMENT (KLD)	Drinking	0.22															
PURPOSE	REQUIREMENT (KLD)																				
Drinking	0.22																				

	Suppression of dust	4.98
	Plantation	1.618
	Others	0.22
	Total	7.04
29. Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt. Ltd. Certificate no. NABET/EIA/1922/SA 0186, Validity- 10-09-2023	
30. Any litigation pending against the project or land in any court	No	
31. Details of 500 m Cluster Map & certificate issued by Mining Officer	Ref No. 250/Khanij/2022, Dated 27.05.2022	
32. Details of Lease Area in approved DSR	Yes, given in the DSR at Page No. 62, Sl. No. 143	
33. Proposed CER cost	Rs 1,00,000	
34. Proposed EMP cost	EMP Capital Cost =Plantation Cost + CER =Rs. 8,09,000 + 1,00,000 = Rs. 9,09,000/- EMP Recurring Cost- Rs. 5,18,000/-	
35. Length and breadth of Haul Road	Length: 0.415 km, width: 6 m	
36. No. of Trees to be Planted	809 plants	

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

The consultant (EIA Coordinator) also submitted an affidavit dated 30/03/2023 mentioning is as follows:

- I, Ankur Sharma S/o Lalit Mohan Sharma am EIA Coordinator of M/s Cognizance Research India Pvt. Ltd.
- I have prepared EIA/EMP report of project for the Proposal (SIA/UP/MIN/424007/2022) of Sandstone mining project at Arazi No. 486, Sl. No. 21 Village- Pattikalan, Tehsil- Chunar, District- Mirzapur, State-Uttar Pradesh, (Leased 0.809 Ha), M/s Pranjal Stone Work with my team.
- I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
- I am satisfied with that all the necessary data/information submitted along with Application/EIA/EMP project preparations are true and correct.
- I certify that this project proposal has been uploaded for first time on Parivash Portal.
- I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which is submitted after acceptance of application.
- 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.
- The EIA/EMP report for the Proposal will be 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:

- Project proponent has committed to plant 1000 number of trees/hectare. The project proponent/consultant if desires may approach to concerned District Forest Authority to plant 1000

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

6. Building Stone (Sandstone) Mining Project At Arazi No. 703, Sl. no. 41, Village- Bhagautidei, Tehsil- Chunar District-Mirzapur, Shri Ajay Kumar Singh, Area-1.01 Ha., File No. 7777/6609/ Proposal No. SIA/UP/MIN/425067/2023

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

1. The environmental clearance is sought for Building Stone Sandstone mining project at Arazi No. 703, Sl. No. 41 Village- Bhagautidei, Tehsil- Chunar, District- Mirzapur, State-Uttar Pradesh, (Leased 1.01 Ha).

2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 389/Parya/SEIAA/6609/2021 dated 30/12/2021.
3. The Public Hearing was organized on 10/02/2023. Final EIA Report was submitted by the Project Proponent on 13/04/2023.
4. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/425067/2023		
2.	File No. allotted by SEIAA, UP	7777/6609		
3.	Name of Proponent	Prop: Shri Ajay Kumar Singh S/o Shri Kamla Singh		
4.	Full correspondence address of proponent and mobile No.	R/o Sheerpur, Bhudkuda, District- Mirzapur, (Uttar Pradesh)		
		Mobile No-		
		Email-		
5.	Name of Project	Proposed Bhagautidei Building Sandstone Mining project		
6.	Project location (Plot/Khasra/Gata No.)	Arazi No. 703, Sl. No.41		
7.	Name of River	-		
8.	Name of Village	Bhagautidei		
9.	Tehsil	Chunar		
10. District		Mirzapur		
11. Name of Minor Mineral		Building Stone (Sandstone)		
12. Sanctioned Lease Area (in Ha.)		1.01 ha		
13. Max & Min mRL within lease area		Max- 122.00 mRL and Min- 113.00 mRL		
14. Pillar Coordinates (Verified by DMO)		Sanctioned Mining Lease Area		
		Pillar No.	Latitude	Longitude
		A	25° 03'53.9"N	82°59'58.6"E
		B	25° 03'53.8"N	83° 00'01.0"E
		C	25° 03'48.1"N	83° 00'01.3"E
		D	25° 03'48.1"N	82°59'58.6"E
15. Total Geological Reserves		5,45,616 cum		
16. Total Mineable Reserves in LOI		10,100 cum/year		
17. Total Proposed Production		10,100 cum/year		
18. Proposed Production/year		10,100 cum		
19. Sanctioned Period of Mine lease		Maximum 20 years		
20. Method of Mining		Open Cast Semi-mechanized Method		
21. No. of working days		260 days		
22. Working hours/day		8 hrs		
23. No. of workers		28		
24. No. of vehicles movement/day		06		
25. Type of Land		Government waste land		
26. Ultimate Depth of Mining		24		
27. Nearest metalled road from site		0.8 km		
28. Water Requirement		PURPOSE		REQUIREMENT (KLD)
		Drinking		0.28
		Suppression of dust		0.28
		Plantation		2.02
		Others		3.40
		Total		5.98
29. Name of QCI Accredited Consultant with QCI No and period of validity.		Cognizance Research India Pvt. Ltd. Certificate no. NABET/EIA/1922/SA 0186, Validity- 10-09-2023,		
30. Any litigation pending against the project or land in any court		No		
31. Details of 500 m Cluster Map & certificate issued by Mining Officer		Reference No. 961/Khanij/Sl.No./2021, Dated 24.07.2021		

32. Details of Lease Area in approved DSR	Yes, given in the DSR at page No. 19 Sl. No. 01
33. Proposed CER cost	Rs 1,10,000
34. Proposed EMP cost	EMP Capital Cost = Plantation Cost + CER = Rs. 10,10,000 + 1,10,000 = Rs. 11,20,000/- EMP Recurring Cost- Rs. 4,08,000/-
35. Length and breadth of Haul Road	Length: 0.283 km, width: 6 m
36. No. of Trees to be Planted	1010 plants

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 11/04/2023 mentioning is as follows:

1. I, Ankur Sharma S/o Lalit Mohan Sharma am EIA Coordinator of M/s Cognizance Research India Pvt. Ltd.
2. I have prepared EIA/EMP report of project for the Proposal (SIA/UP/MIN/425067/2022) of Building Stone Sandstone mining project at Arazi No. 703, Sl. No. 41 Village- Bhagautidei, Tehsil- Chunar, District- Mirzapur, State-Uttar Pradesh, (Leased 1.01 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 Application/EIA/EMP project preparations are true and correct.
5. I certify that this project proposal has been uploaded for 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 is 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 will be 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 has committed to plant 1000 number of trees/hectare. The project proponent/consultant if desires may approach to concerned District Forest Authority to plant 1000 trees/ha on a land available to the Forest Department. The project proponent will deposit the required amount for this entire plantation work (including its maintenance and security) to the Forest Department.
2. The project proponent shall install solar light in their site office.
3. During the submission of 6 monthly compliance reports, the project proponent should make sure that the periodically taken site photographs should also be annexed along with the compliance report.
4. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.

5. The maximum height of the bench should be 06 meters and the width of the bench should be at least twice the height of the bench as per the mine plan approval letter by DGM, U.P
 6. In case the blasting is proposed during a mining operation, the project proponent needs to assess its impact on the displacement of human beings/wild animals/birds/other species, and the suitable measures proposed and taken for their rehabilitation and resettlement need to be clearly described in first 6 monthly compliance report.
 7. The project proponent shall submit a final mine closure plan/Exit protocol for rehabilitation of mined-out land to match its surrounding land use 3years before the closure of the mine to SEIAA, UP and Department of Mines and Geology, UP for approval. The project proponent shall ensure the implementation of the approved plan under the supervision of the Dept. of Mines and Geology.
 8. The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flow from the quarry area. The surface runoff rainwater harvesting and other water conservation measures on a long-term basis are to be taken in consultation with the Central/State Groundwater Board. The water so collected should be utilized for watering the haulage area, roads, and green belt development, etc.
 9. The project proponent shall take all suitable measures to prevent pollution of groundwater and nearby water bodies in consultation with the State Pollution Control Board and consent to operate (if applicable) should be obtained from the State Pollution Control Board before the start of production from the mine.
 10. Link Road from the quarry site to the main road shall be constructed as an all-weather road with blacktopping and maintained by the project proponent.
 11. Vehicular emissions should be kept under control and regularly monitored. Suitable measures shall be taken for proper maintenance of vehicles used in a quarry operation and transportation.
 12. The project proponent should explore the possibilities of rainwater harvesting.
 13. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.
 14. Latest technology (water sprinklers/ tankers) to be adopted for mitigating dust at source points in lease area and haulage road during operational activity/vehicular movement.
 15. As per the proposed plan, plantation with area specific plant species, number of plants to be Planted and report of green belt development to be submitted to the concerning department
7. **Building stone Sand Stone Mine at Arazi No- 428 (Sl. No. 08), Village- Dhuria, Tehsil- Chunar, District- Mirzapur, Shri Manish Kumar, Area 2.02 Ha., File No. 7778/7027/ Proposal No. SIA/UP/MIN/425105/2023**

RESOLUTION AGAINST AGENDA NO. 07

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

8. **“Building Stone, (Granite Khanda, Boulder, Bailast (Gitti))” Project at Gata No.- 356 (Khand No.- 05 New, 06 Old), Village- Dhundhaivan, Tehsil- Mahoba, District- Mahoba, Shri Satyendra Partap Singh, Area : 1.214 ha., File No. 7719/ Proposal No. SIA/UP/MIN/422705/2023**

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 terms of reference is sought for Building Stone, (Granite Khanda, Boulder, Bailast (Gitti)) Mining at Gata No.- 356 (Khand No.- 05 New, 06 Old), Village- Dhundhaiyan, Tehsil- Mahoba, District- Mahoba, U.P., (Leased Area- 1.214 ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/422705/2023		
2.	File No. allotted by SEIAA, UP	7719		
3.	Name of Proponent	Akhil Enterprises, Shri Satyendra Partap Singh S/o Shri Padam Singh		
4.	Full correspondence address of proponent	R/o- Vill- Khaptiha Kalan, Tehsil –Pailani, Distt.- Banda		
5.	Name of Project	Building Stone, (Granite Khanda, Boulder, Bailast (Gitti)) Mining Project		
6.	Project location (Plot/ Khasra /Gata No.)	Gata No.- 356 (Khand No.- 05 New, 06 Old)		
7.	Name of Village	Dhundhaiyan		
8.	Tehsil	Mahoba		
9.	District	Mahoba		
10.	Name of Minor Mineral	Building Stone, (Granite Khanda, Boulder, Bailast (Gitti))		
11.	Sanctioned Lease Area (in Ha.)	1.214 ha.		
12.	Max.& Min mRL within lease area	271 mRL- 254 mRL		
13.	Pillar Coordinates(Verified by DMO)	Pillars	Latitude (N)	Longitude (E)
		A	25 ^o 11'- 21.03"N	79 ^o 44'- 15.78"E
		B	25 ^o 11'- 20.72"N	79 ^o 44'- 18.62"E
		C	25 ^o 11'- 16.45"N	79 ^o 44'- 18.02"E
		D	25 ^o 11'- 16.17"N	79 ^o 44'- 14.60"E
14.	Total Geological Reserves	994645 m ³		
15.	Total Mineable Reserves	203252 m ³		
16.	Total Proposed Production (in five year)	177550 m ³		
17.	Proposed Production / year	Year	Production	
		1 st	35510 m ³	
		2 nd	35510 m ³	
		3 rd	35510 m ³	
		4 th	35510 m ³	
		5 th	35510 m ³	
		Total	177550 m ³	
18.	Sanctioned Period of Mine lease	10 Years		
19.	Method of Mining	Opencast Semi-Mechanized		
20.	No.of working days	300 days		
21.	Working hours/day	8 Hours/Day		
22.	No.Of workers	37 (approx.)		
23.	Type of Land	Govt. revenue land		
24.	Ultimate Depth of Mining	12 meter (average)		
25.	Nearest metallad road from site	100m		
26.	Water Requirement	PURPOSE	REQUIREMENT (KLD)	
		Drinking & Others	0.40	
		Suppression of dust	0.60	
		Plantation	2.00	
		Others(if any)	-----	
		Total	3.00	
27.	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/1821/RA0120, Validity-01/05/2021		
28.	Any litigation pending against the project or land in any court	No		
29.	Details of 500 m Cluster Map & certificate Verified by Mining Officer	DMO, Mahoba vide Letter No. 2991/Khanij-30/2022-23, Dated 03 rd February, 2023		
30.	Details of Lease Area in approved DSR	Sudhi Patra No.-154/M.M.C.-30-Khanij (2021-22,		

		Dated 12-05-2021 at Page No.-02, S.No.- 59
31.	Proposed CER cost	1.40 Lakh
32.	Proposed EMP cost	EMP in First Year – 13.80 Lakh EMP (Recurring Years) – 7.05 Lakh
33.	Length and breadth of Haul Road.	Length- 100m, Width- more than 6.0 m
34.	No. of Trees to be Planted	2000

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

The consultant (EIA Coordinator) also submitted an affidavit dated 20/03/2023 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 will prepared EIA report for EC in the name of Akhil Enterprises, Prop: Shri Satyendra Pratap Singh, S/o Shri Padam Singh for the Building Stone, (Granite Khanda, Boulder, Bailast (Gitti)) Mining at Gata No.- 356 (Khand No.- 05 New, 06 Old), Village- Dhundhaiyan, Tehsil- Mahoba, District- Mahoba, U.P., (Leased Area- 1.214 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 Parivesh 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 is submitted after acceptance of application.
7. I state that all the TOR Points will be complied and all the issues raised during Public Hearing will be properly addressed in EIA report.
8. The EIA report for the Proposal will be prepared by my team as per guideline laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 08

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

Additional TOR:

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

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

9. “Building Stone Gitti/ Boulder (Sand Stone)” Project at Gata No.- 295/1/2 (Khand No.- 03), Village- Sukrit, Tehsil- Robertsganj, District- Sonbhadra, Shri Ajay Kumar Singh, M/s A.K.S. Highway Projects Pvt. Ltd., Area : 1.8210 ha., File No. 7720/ Proposal No. SIA/UP/MIN/422715/2023

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 terms of reference is sought for Building Stone Gitti/ Boulder (Sand Stone) Mining at Gata No.- 295/1/2 (Khand No.- 03), Village- Sukrit, Tehsil- Robertsganj, District- Sonbhadra, U.P./M/s A.K.S. Highway Project Pvt. Ltd., (Leased Area- 1.8210 ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/422715/2023
2.	File No. allotted by SEIAA, UP	7720
3.	Name of Proponent	M/s A.K.S. Highway Project Pvt. Ltd., C/o- Shri Ajay Kumar Singh S/o Shri Baijnath Singh
4.	Full correspondence address of proponent	R/o- C.O. Upendra Rai Vrindavan Colony, Magadh, Sasaram, Rohtas
5.	Name of Project	Building Stone Gitti/ Boulder (Sand Stone) Mining Project
6.	Project location (Plot/ Khasra /Gata No.)	Gata No.- 295/1/2 (Khand No.- 03)

7.	Name of Village	Sukrit		
8.	Tehsil	Robertsganj		
9.	District	Sonbhadra		
10.	Name of Minor Mineral	Building Stone Gitti/ Boulder (Sand Stone)		
11.	Sanctioned Lease Area (in Ha.)	1.8210 ha.		
12.	Max.& Min mRL within lease area	258 mRL- 249 mRL		
13.	Pillar Coordinates(Verified by DMO)	Pillars	Latitude (N)	Longitude (E)
		A	24 ^o 55' 24.83"N	83 ^o 03' 10.68"E
		B	24 ^o 55' 29.21"N	83 ^o 03' 10.00"E
		C	24 ^o 55' 29.97"N	83 ^o 03' 15.70"E
		D	24 ^o 55' 26.71"N	83 ^o 03' 15.97"E
14.	Total Geological Reserves	1827701 m ³		
15.	Total Mineable Reserves	410247 m ³		
16.	Total Proposed Production (in five year)	273275 m ³		
17.	Proposed Production / year	Year	Production	
		1 st	54655 m ³	
		2 nd	54655 m ³	
		3 rd	54655 m ³	
		4 th	54655 m ³	
		5 th	54655 m ³	
		Total	273275 m ³	
18.	Sanctioned Period of Mine lease	10 Years		
19.	Method of Mining	Opencast Semi-Mechanized		
20.	No.of working days	300 days		
21.	Working hours/day	8 Hours/Day		
22.	No.Of workers	35 (approx.)		
23.	Type of Land	Govt. revenue land		
24.	Ultimate Depth of Mining	6 meter (average)		
25.	Nearest metalled road from site	400m		
26.	Water Requirement	PURPOSE	REQUIREMENT (KLD)	
		Drinking & Others	0.40	
		Suppression of dust	2.40	
		Plantation	2.00	
		Others(if any)	-----	
		Total	4.80	
27.	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/1821/RA0120, Validity-01/05/2021		
28.	Any litigation pending against the project or land in any court	No		
29.	Details of 500 m Cluster Map & certificate Verified by Mining Officer	DMO, Sonbhadra vide Letter No. 1437/Khanij/2022, Dated 21 st July, 2022		
30.	Details of Lease Area in approved DSR	Approved DSR letter No.- 1033/M-220/2017(Khanan Niti)-D.S.R. dated 31.10.2022 Pg. No.- 3 Sr. No.- 14 vide letter		
31.	Proposed CER cost	1.40 Lakh		
32.	Proposed EMP cost	EMP in First Year – 13.80 Lakh EMP (Recurring Years) – 7.05 Lakh		
33.	Length and breadth of Haul Road.	Length- 400m, Width- more than 6.0 m		
34.	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.

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

The consultant (EIA Coordinator) also submitted an affidavit dated 20/03/2023 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 will prepared EIA report for the name of Building Stone Gitti/ Boulder (Sand Stone) Mining at Gata No.- 295/1/2 (Khand No.- 03), Village- Sukrit, Tehsil- Robertsganj, District- Sonbhadra, U.P.M/s A.K.S. Highway Project Pvt. Ltd., (Leased Area- 1.8210 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 Parivesh 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 is submitted after acceptance of application.
7. I state that all the TOR Points will be complied and all the issues raised during Public Hearing will be properly addressed in EIA report.
8. The EIA report for the Proposal will be prepared by my team as per guideline laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 09

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

Additional TOR:

1. Original Cluster Certificate should be submitted at the time of EIA presentation.
2. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc. Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.
3. EIA coordinator & FAE should give a notarized affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
4. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA/SEAC, UP before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
5. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
6. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
7. Combined KML of all mines in a cluster should be submitted at the time of EIA.
8. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.

9. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
10. Proponent/Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
11. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
12. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.
13. Proponent/consultant shall present TOR specific/additional conditions compliance, observation/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound plan at the time of EIA presentation.
14. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.

10. "Building Stone (Khanda, Boulder, Bailast (Gitti))" Project at Gata No.- 288 (Khand No.- 06), Village- Majhol, Tehsil- Charkhari, District- Mahoba, Shri Amar Chandra Rajput, Area : 1.619 ha., File No. 7721/ Proposal No. SIA/UP/MIN/422753/2023

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 terms of reference is sought for Building Stone (Khanda, Boulder, Bailast (Gitti)) Mining at Gata No.- 288 (Khand No.- 06), Village- Majhol, Tehsil- Charkhari, District- Mahoba, U.P. (Applied Area- 1.619 ha.)
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/422753/2023		
2.	File No. allotted by SEIAA, UP	7721		
3.	Name of Proponent	Shri Amar Chandra Rajput S/o Shri Jagmohan Singh		
4.	Full correspondence address of proponent	R/o- 24, Village – Kotha, Malehata, Danda, District- Hamirpur, U.P.		
5.	Name of Project	Building Stone (Khanda, Boulder, Bailast (Gitti)) Mining Project		
6.	Project location (Plot/ Khasra /Gata No.)	Gata No.- 288 (Khand No.- 06)		
7.	Name of Village	Majhol		
8.	Tehsil	Charkhari		
9.	District	Mahoba		
10.	Name of Minor Mineral	Building Stone (Khanda, Boulder, Bailast (Gitti))		
11.	Sanctioned Lease Area (in Ha.)	1.619 ha.		
12.	Max.& Min mRL within lease area	212 mRL- 184 mRL		
13.	Pillar Coordinates(Verified by DMO)	Pillars	Latitude (N)	Longitude (E)
		A	25° 23' 53.18"N	79° 46' 32.31"E
		B	25° 23' 49.85"N	79° 46' 36.67"E
		C	25° 23' 46.24"N	79° 46' 33.78"E
		D	25° 23' 49.39"N	79° 46' 31.36"E
14.	Total Geological Reserves	1929879 m ³		
15.	Total Mineable Reserves	404091 m ³		
16.	Total Proposed Production (in five year)	259040 m ³		
17.	Proposed Production / year	51808 m ³		
18.	Sanctioned Period of Mine lease	10 Years		
19.	Method of Mining	Opencast Semi-Mechanized		
20.	No.Of workers	37 (approx.)		

21.	Type of Land	Govt. revenue land	
22.	Ultimate Depth of Mining	18 meter (average)	
23.	Nearest metalled road from site	100m	
24.	Water Requirement	PURPOSE	REQUIREMENT (KLD)
		Drinking & Others	0.40
		Suppression of dust	0.60
		Plantation	2.00
		Others(if any)	-----
		Total	3.00
25.	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	
26.	Any litigation pending against the project or land in any court	No	
27.	Details of 500 m Cluster certificate Verified by Mining Officer	DMO, Mahoba vide Letter No. 2819/M.M.C.-30/2022-23, Dated 17 th January, 2023	
28.	Details of Lease Area in approved DSR	Sudhi Patra No.-705/M.M.C.-30-Khanij/2022-23 Dated 08-06-2022 at Page No.-02, S.No.- 27	
29.	Proposed CER cost	1.40 Lakh	
30.	Proposed EMP cost	EMP in First Year – 13.80 Lakh EMP (Recurring Years) – 7.05 Lakh	
31.	Length and breadth of Haul Road.	Length- 100m, Width- more than 6.0 m	
32.	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 20/03/2023 mentioning is as follows:

- I, Pankaj Srivastava S/o Sri V.V. Srivastava am EIA Coordinator of Paramarsh Servicing Environment and Development.
- I will prepared EIA report for EC in the name of Building Stone (Khanda, Boulder, Bailast (Gitti)) Mining at Gata No.- 288 (Khand No.- 06), Village- Majhol, Tehsil- Charkhari, District- Mahoba, U.P. (Applied Area- 1.619 ha.) with my team.
- I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
- I am satisfied with that all the necessary data/information submitted along with EIA are true and correct.
- I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
- I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which is submitted after acceptance of application.
- I state that all the TOR Points will be complied and all the issues raised during Public Hearing will be properly addressed in EIA report.
- The EIA report for the Proposal will be prepared by my team as per guideline laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 10

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

Additional TOR:

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

11. Riverbed Ordinary Sand Mining from Riverbed of Ganga River Gata No.- 2, Village – Gag BararTari Tehsil- Zamania, District- Ghazipur, Shri Arvind Kumar Singh, Area – 11.0 Ha., File No. 7724/ Proposal No. SIA/UP/MIN/421213/2023

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

1. The terms of reference is sought for Ordinary Sand Mining from Riverbed of Ganga River from Araji/Gata no.- 02, Village – Gag Barar Tari, Tehsil- Zamania, District- Ghazipur, Uttar Pradesh, (Leased Area- 11.0 ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/421213/2023																																											
2.	File No. allotted by SEIAA, UP	7724																																											
3.	Name of Proponent	Shri Arvind Kumar Singh/375724																																											
4.	Full correspondence address of proponent and E-mail Id	R/o- Deenapur, Ghazipur, Uttar Pradesh E-mail Id- arvindkumarsingh5418@gmail.com																																											
5.	Name of Project	“Ordinary Sand mine” from Riverbed of Ganga River located at Gata No. 2, Area- 11.0 Ha, Village - Gag Barar Tari, Tehsil - Zamania, District - Ghazipur, Uttar Pradesh by Arvind Kumar Singh/375724																																											
6.	Project Location (Plot.Khasra/Gata No.)	Araji/Gata no.- 2, Village - Gag Barar Tari, Tehsil - Zamania, District - Ghazipur, Uttar Pradesh																																											
7.	Name of River	Ganga River-Adjacent																																											
8.	Name of Village	Gag Barar Tari																																											
9.	Tehsil	Zamania																																											
10.	District	Ghazipur																																											
11.	Name of Minor Mineral	Ordinary Sand																																											
12.	Sanctioned Lease Area (in Ha.)	11.0 ha.																																											
13.	Max. & Min mRL within lease area	Highest mRL is 58 & Lowest is 56 mRL																																											
14.	Pillar Coordinates (Verified by DMO)	Coordinates of the sanctioned lease area- <table><tr><td>Pillars</td><td>N</td><td>E</td></tr><tr><td>A</td><td>25°34'18.86"N</td><td>83°35'21.46"E</td></tr><tr><td>B</td><td>25°34'23.79"N</td><td>83°35'15.24"E</td></tr><tr><td>C</td><td>25°34'31.60"N</td><td>83°35'35.94"E</td></tr><tr><td>D</td><td>25°34'25.50"N</td><td>83°35'37.46"E</td></tr><tr><td colspan="3">Workable Area</td></tr><tr><td>A</td><td>25°34'18.86"N</td><td>83°35'21.46"E</td></tr><tr><td>E</td><td>25°34'30.92"N</td><td>83°35'34.59"E</td></tr><tr><td>C</td><td>25°34'31.60"N</td><td>83°35'35.94"E</td></tr><tr><td>D</td><td>25°34'25.50"N</td><td>83°35'37.46"E</td></tr><tr><td colspan="3">Area Under Active Water Channel</td></tr><tr><td>A</td><td>25°34'18.86"N</td><td>83°35'21.46"E</td></tr><tr><td>B</td><td>25°34'23.79"N</td><td>83°35'15.24"E</td></tr><tr><td>E</td><td>25°34'30.92"N</td><td>83°35'34.59"E</td></tr></table>		Pillars	N	E	A	25°34'18.86"N	83°35'21.46"E	B	25°34'23.79"N	83°35'15.24"E	C	25°34'31.60"N	83°35'35.94"E	D	25°34'25.50"N	83°35'37.46"E	Workable Area			A	25°34'18.86"N	83°35'21.46"E	E	25°34'30.92"N	83°35'34.59"E	C	25°34'31.60"N	83°35'35.94"E	D	25°34'25.50"N	83°35'37.46"E	Area Under Active Water Channel			A	25°34'18.86"N	83°35'21.46"E	B	25°34'23.79"N	83°35'15.24"E	E	25°34'30.92"N	83°35'34.59"E
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15.	Total Geological Reserves	1,86,468 m ³																																											
16.	Total Mineable Reserve (as per Approved Mine Plan)	1,10,000 m ³																																											
17.	Total Proposed Production	5,50,000 m ³ (in 5 years)																																											
18.	Proposed Production	1,10,000 m ³ /year																																											
19.	Sanctioned Period of Mine lease	5 years																																											
20.	Method of Mining	Opencast, Semi-Mechanized																																											
21.	Working hours/day	8																																											
22.	No. of worker	55																																											
23.	No. of vehicles movement/day	43																																											
24.	Type of Land	Govt. land/Riverbed																																											
25.	Ultimate of Depth of Mining	Upto 2.86 m																																											
26.	Nearest metalled road from site	500 m																																											
27.	Water Requirement	<table><tr><td>PURPOSE</td><td>REQUIREMENT (KLD)</td></tr><tr><td>Drinking</td><td>0.55 KLD</td></tr><tr><td>Suppression of dust</td><td>3.0 KLD</td></tr><tr><td>Plantation</td><td>0.50 KLD</td></tr><tr><td>Others (if any)</td><td>-</td></tr><tr><td>Total</td><td>4.05 KLD</td></tr></table>		PURPOSE	REQUIREMENT (KLD)	Drinking	0.55 KLD	Suppression of dust	3.0 KLD	Plantation	0.50 KLD	Others (if any)	-	Total	4.05 KLD																														
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Plantation	0.50 KLD																																												
Others (if any)	-																																												
Total	4.05 KLD																																												

28.	Name of QCI Accredited Consultant with QCI No and period of validity.	AWS Envirotech (OPC) Pvt. Ltd. Certificate no. NABET/EIA/2225/IA 0097(Rev.01) Valid Till July 14, 2025
29.	Any litigation pending against the project or land in any court	No
30.	Details of 500 m Cluster Certificate verified by Mining Officer	vide letter no. 408 Dated on 04.03.2023
31.	Baseline data collection period	March to May 2023
31.	Details of Lease Area in approved DSR	11.0 ha.
32.	Proposed CER cost	Rs. 2.8 lakhs
33.	Proposed EMP cost	EMP cost- 8.0 lakhs as Capital Cost and 5.0 lakhs as Recurring Cost
34.	Distance of Haul Road	500 m
35.	No. of Trees to be Planted	250

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

The consultant (EIA Coordinator) also submitted an affidavit dated 04/03/2023 mentioning is as follows:

1. I, Sandeep Kumar, S/o R.K. Verma is EIA Coordinator of M/s AWS Envirotech (OPC) Pvt. Ltd.
2. I have prepared TOR report for the proposal Ordinary Sand Mining from Riverbed of Ganga River from Araj/Gata no.- 02, Village – Gag Barar Tari, Tehsil- Zamania, District- Ghazipur, Uttar Pradesh, (Leased Area- 11.0 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 have satisfied with that all the necessary data/information submitted along with TOR application are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. 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 TOR application for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

The project proponent also submitted a letter dated 28/02/2023 to Directorate of Environment through which they have informed that the collection of baseline monitoring data for the said project has already been started for summer season (March 2023 to May, 2023) as per provision of MoEFCC, OM dated 08/06/2022 for your kind consideration.

RESOLUTION AGAINST AGENDA NO. 11

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

Additional TOR:

1. Project proponent should present latest drone videography of the project site mentioning the date, time and geo coordinates at the time of EIA presentation.
 2. Original Cluster Certificate should be submitted at the time of EIA presentation.
 3. NOC from Irrigation Department/Concerning Authority regarding river bed mining to be submitted at the time of EIA presentation.
 4. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc. Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.
 5. EIA coordinator & FAE should give a notarized affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
 6. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA/SEAC, UP before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
 7. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
 8. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
 9. Combined KML of all mines in a cluster should be submitted at the time of EIA.
 10. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
 11. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
 12. Proponent/ Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
 13. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
 14. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.
 15. Proponent/consultant shall present TOR specific/additional conditions compliance, observation/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound plan at the time of EIA presentation.
 16. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
 17. 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.
- 12. Ordinary Sand Mining from Riverbed of Ganga River, located at Gata No.- 103, Village- Ibrahimpur, Tehsil- Gyanpur, District- Bhadohi, Shri Rana Pratap Singh, Area- 4.047 ha., File No. 7726/ Proposal No. SIA/UP/MIN/423037/2023**

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/ AWS Envirotech (OPC) Pvt. Ltd. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The terms of reference is sought for Ordinary Sand Mining from Riverbed of Ganga River from Gata no./Khand No. 103, Village – Ibrahimpur, Tehsil- Gyanpur, District- Bhadohi, Uttar Pradesh, (Leased Area- 4.047 ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/423037/2023																	
2.	File No. allotted by SEIAA, UP	7726																	
3.	Name of Proponent	Shri Rana Pratap Singh																	
4.	Full correspondence address of proponent and E-mail Id	R/o- Village- Balanpur, Post- Jangiganj, Tehsil- Gyanpur, District- Bhadohi, U.P. E-mail Id- ranapratapsingh5418@gmail.com																	
5.	Name of Project	“Ordinary Sand Mining” from Riverbed of Ganga River from Khand No./Gata No. 103, Village – Ibrahimpur, Tehsil- Gyanpur, District- Bhadohi, Uttar Pradesh; Sanctioned Area- 4.047 ha. developed by Shri Rana Pratap Singh																	
6.	Project Location (Plot.Khasra/Gata No.)	Khand No./Gata No. 103, Village – Ibrahimpur, Tehsil- Gyanpur, District- Bhadohi, Uttar Pradesh																	
7.	Name of River	Ganga River																	
8.	Name of Village	Ibrahimpur																	
9.	Tehsil	Gyanpur																	
10.	District	Bhadohi																	
11.	Name of Minor Mineral	Ordinary Sand																	
12.	Sanctioned Lease Area (in Ha.)	4.047 ha.																	
13.	Max. & Min mRL within lease area	Highest mRL is 71.20 & Lowest is 67.80 mRL																	
14.	Pillar Coordinates (Verified by DMO)	Coordinates of the sanctioned lease area <table><tr><td>Pillar</td><td>Latitude</td><td>Longitude</td></tr><tr><td>A</td><td>25°13'17.50"N</td><td>82°20'56.60"E</td></tr><tr><td>B</td><td>25°13'17.40"N</td><td>82°21'05.80"E</td></tr><tr><td>C</td><td>25°13'11.70"N</td><td>82°21'05.90"E</td></tr><tr><td>D</td><td>25°13'12.00"N</td><td>82°20'56.50"E</td></tr></table>			Pillar	Latitude	Longitude	A	25°13'17.50"N	82°20'56.60"E	B	25°13'17.40"N	82°21'05.80"E	C	25°13'11.70"N	82°21'05.90"E	D	25°13'12.00"N	82°20'56.50"E
Pillar	Latitude	Longitude																	
A	25°13'17.50"N	82°20'56.60"E																	
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C	25°13'11.70"N	82°21'05.90"E																	
D	25°13'12.00"N	82°20'56.50"E																	
15.	Total Geological Reserves	1,21,650 m ³																	
16.	Total Mineable Reserve (as per Approved Mine Plan)	1,21,410 m ³																	
17.	Total Proposed Production	1,21,410 m ³ /year																	
18.	Proposed Production	1,21,410 m ³ /year																	
19.	Sanctioned Period of Mine lease	4 years (Remaining lease period)																	
20.	Method of Mining	Opencast, Semi-Mechanized																	
21.	Working hours/day	8																	
22.	No. of worker	20																	
23.	No. of vehicles movement/day	45																	
24.	Type of Land	Govt. land																	
25.	Ultimate of Depth of Mining	Upto 3.0 m																	
26.	Nearest metalled road from site	980 m																	
27.	Water Requirement	<table><tr><td>PURPOSE</td><td>REQUIREMENT (KLD)</td></tr><tr><td>Drinking</td><td>0.20 KLD</td></tr><tr><td>Suppression of dust</td><td>4.92 KLD</td></tr><tr><td>Plantation</td><td>0.50 KLD</td></tr><tr><td>Others (if any)</td><td>-</td></tr><tr><td>Total</td><td>5.62 KLD</td></tr></table>			PURPOSE	REQUIREMENT (KLD)	Drinking	0.20 KLD	Suppression of dust	4.92 KLD	Plantation	0.50 KLD	Others (if any)	-	Total	5.62 KLD			
PURPOSE	REQUIREMENT (KLD)																		
Drinking	0.20 KLD																		
Suppression of dust	4.92 KLD																		
Plantation	0.50 KLD																		
Others (if any)	-																		
Total	5.62 KLD																		
28.	Name of QCI Accredited Consultant with QCI No and period of validity.	AWS Envirotech (OPC) Pvt. Ltd. Certificate no. NABET/EIA/2225/IA 0097(Rev.01) Valid Till July 14, 2025																	
29.	Any litigation pending against the project or land in any court	No																	
30.	Details of 500 m Cluster Certificate verified by Mining Officer	vide letter no. 36/Khanan lipik/ 2023 Dated on 03.02.2023																	
31.	Baseline data collection period	March to May 2023 (intimation letter submitted)																	
32.	Details of Lease Area in approved DSR	In approved DSR, Bhadohi details on Page No. 11																	

33.	Proposed CER cost	Rs. 2.76 Lakhs
34.	Proposed EMP cost	EMP Cost is Rs. 10.63 Lakhs as capital cost and Rs. 24.50 lakhs as recurring cost
35.	Distance of Haul Road	980 m
36.	No. of Trees to be Planted	250

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

The consultant (EIA Coordinator) also submitted an affidavit dated 14/03/2023 mentioning is as follows:

1. I, Sandeep Kumar, S/o R.K. Verma is EIA Coordinator of M/s AWS Envirotech (OPC) Pvt. Ltd.
2. I have prepared TOR report for the proposal Ordinary Sand Mining from Riverbed of Ganga River from Gata no./Khand No. 103, Village – Ibrahimpur, Tehsil- Gyanpur, District- Bhadohi, Uttar Pradesh, (Leased Area- 4.047 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 have satisfied with that all the necessary data/information submitted along with TOR application are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. 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 TOR application for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

The project proponent also submitted a letter dated 01/03/2023 to Directorate of Environment through which they have informed that the collection of baseline monitoring data for the said project has already been started for summer season (March 2023 to May, 2023) as per provision of MoEFCC, OM dated 08/06/2022 for your kind consideration.

RESOLUTION AGAINST AGENDA NO. 12

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

Additional TOR:

1. Project proponent should present latest drone videography of the project site mentioning the date, time and geo coordinates at the time of EIA presentation.
2. Original Cluster Certificate should be submitted at the time of EIA presentation.
3. NOC from Irrigation Department/Concerning Authority regarding river bed mining to be submitted at the time of EIA presentation.
4. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc.

Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.

5. EIA coordinator & FAE should give a notarized affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
6. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA/SEAC, UP before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
7. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
8. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
9. Combined KML of all mines in a cluster should be submitted at the time of EIA.
10. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
11. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
12. Proponent/ Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
13. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
14. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.
15. Proponent/consultant shall present TOR specific/additional conditions compliance, observation/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound plan at the time of EIA presentation.
16. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
17. Submit the hydrological study report of lease area that the quantity given in LoI will be mined without affecting the geo-hydrology of the River.

13. “Ordinary Soil Excavation Project” at Gata No. – 562, Village – Rawan Bujurg, Tehsil & District - Sambhal, Shri Chaman Singh, Area 0.865 Ha., File No. 7707/ Proposal No. SIA/UP/MIN/422075/2023

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 “Ordinary Soil Excavation Project” at Gata No. – 562, Village – Rawan Bujurg, Tehsil & District - Sambhal, U.P., (Leased Area 0.865 Ha.).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/422075/2023
2. File No. allotted by SEIAA, U.P	7707
3. Name of Proponent	Shri Chaman Singh S/o Shri Param Singh
4. Full correspondence address of proponent	10/242, Buddhi Vihar, Avas Vikas phase 2, District - Moradabad (U.P.)
5. Name of Project	Ordinary Soil Excavation Project
6. Project location (Plot/Khasra/Gata No. /	Gata No- 562

khand No.)				
7. Name of River	NA			
8. Name of Village	Rawan Bujurg			
9. Tehsil	Sambhal			
10. District	Sambhal(U.P)			
11. Name of Minor Mineral	Ordinary Soil Excavation Project			
12. Sanctioned Lease Area (in Ha.)	0.865 Ha.			
13. Mineable Area (in Ha.)	0.6048 Ha (safety margin 0.2602 Ha.)			
14. Zero level mRL	NA			
15. Max. & Min mrl within lease area	The elevation of the given excavation site is 204 mRL.			
16. Pillar Coordinates (Verified by DMO)	Gata No.	Point	Latitude	Longitude
	562	A	28°40'54.35"N	78°31'30.77"E
		B	28°40'53.06"N	78°31'32.29"E
		C	28°40'49.29"N	78°31'28.76"E
		D	28°40'50.33"N	78°31'27.12"E
17. Total Geological Reserves	19030 m3			
18. Total Mineable Quantity	12700 m3 in three months			
19. Total Proposed Production	4233.33 m3 in one months			
20. Sanctioned Period of Mine lease	3 months			
21. Production of mine/day	NA			
22. Method of Mining	Open cast, Semi Mechanized			
23. No. of working days	90 days			
24. Working hours/day	8 hours/day			
25. No. Of workers	Approximately 20 workers			
26. No. Of vehicles movement/day	Approximately 3- 4 movements per day			
27. Type of Land	Private land(agricultural)			
28. Ultimate Depth of Mining	2.2 meter as per mining plan approval letter			
29. Nearest metalled road from site	Sambhal Joya Road is about 1.24 Km towards East direction from the excavation site.			
30. Water Requirement	PURPOSE		REQUIREMENT (KLD)	
	Drinking		0.30	
	Suppression of dust		1.98	
	Plantation		0.01	
	Others (if any)		-	
	Total		2.29 KLD Approx.	
31. Name of QCI Accredited Consultant with QCI No And period of validity.	M/s Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/ EIA/ 1922/RA 0200 (Rev 01)Extension Validity Till: 21.01.2024			
32. Any litigation pending against the project or land in any court	No			
33. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 476/Khanij/2022-23 on dated 06/03/2023			
34. Details of Lease Area in approved DSR	NA			
35. Proposed EMP cost	Rs 2,29,810/- (more than 2% of the total Project cost)			
36. Total Project cost	Rs. 12,00,000/-			
37. Length and breadth of Haul Road	220 m length and 6 m width			
38. No. of Trees to be Planted	10			

- 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 08/03/2023 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 EC (B2) report for the Proposal No. SIA/UP/MIN/422075/2023, File No. 7707, Prop. Shri Chaman Singh S/o Shri Param Singh R/o 10/242, Buddhi Vihar, Avas Vikas phase 2, District - Moradabad (U.P.) proposed "Ordinary Soil Excavation Project" at Gata No. 562, (Total area 0.865 Ha.) located in village- Rawan Bujurg, Tehsil & District - Sambhal, Uttar Pradesh with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I have satisfied with that all the necessary data/information required for EC (B2) presentations are true and correct.
5. I certify that this project proposal has not been previously uploaded on parivesh portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. The EC (B2) report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 13

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

14. Tannery Unit Raw to Finished Leather (Capacity: 800 Hides per day / 16.00 MT per day) at Plot no. 1154 & 1402, LIDA Banthar, District- Unnao, U.P., M/s Everest Exports. File No. 7710/5292/ Proposal No. SIA/UP/IND/83149/2019

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 Green Enviro Engineers Pvt. Ltd. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for Tannery Unit Raw to Finished Leather (Capacity: 800 Hides per day / 16.00 MT per day) at Plot no. 1154 & 1402, LIDA Banthar, District- Unnao, U.P., M/s Everest Exports.
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 195/Parya/SEAC/5292/2018, dated 08/07/2020.
3. Public hearing was organized on 26/11/2022 and final EIA report submitted by project proponent on 17/03/2023.
4. The land has been allotted by Lucknow Industrial Development Authority in favour of project proponent vide letter dated 22/04/2014.
5. Fire NOC obtained by project proponent M/s Everest Exports on 07/08/2020.
6. Consent to operate for dry shoe unit has been issued by UPPCB vide letter no. 161363/UPPCB/Unnao(UPPCBRO)/CTO/Both/Unnao/2022, dated 20/08/2022.
7. Project brief:

Particulars	Details
Name of project	Everest Exports-Leather Unit (raw hide to finish leather)
Location of site	Plot no. 1154 & 1402 of Village Banthar, District Unnao, Uttar Pradesh

Geo-Coordinates of the site	Location	Latitude	Longitude
	P1	26°28'48.13"N	80°27'25.29"E
	P2	26°28'43.64"N	80°27'21.21"E
	P3	26°28'41.42"N	80°27'22.94"E
	P4	26°28'44.97"N	80°27'26.36"E
	P5	26°28'44.87"N	80°27'28.34"E
	P6	26°28'46.79"N	80°27'27.71"E
New/expansion/modernization	New Project		
Total proposed Capacity	Capacity 800 Hides per day / 16.00 MT per day		
Land required/available	18,009.60 sq.m. (Approx. 4.4 Acre)		
Greenbelt / Plantation Area (ha)	33% of the total land area 6000 sq.m. (Approx)		
Estimated project cost	INR 6.09 crore		
Manpower Requirement	During Construction phase: 100-150 Nos. During Operation phase: 300 Nos.		
Nearest highway	NH-25 (Lucknow –Kanpur): 0.17 km W		
Nearest railhead / Railway station	Magarwara about 4.28 km NW from the project site and Unnao Junction, about 6.80 km N/NE from the proposed project site.		
Nearest airport	Kanpur Military Airport, Kanpur- 9.5 km S/SW from the site.		
Defense installations	None		
Archaeological Important places	None		
Wild life sanctuaries	Chandra Shekhar Azad/ Nawabganj Bird Sanctuary approximate 25.0 Km NE.		
Nearest major city	Unnao about 7.0 Km NE.		
Rivers in 05-km radius	None (Ganga River approximate 6.5-7.0 Km SW/S)		
Drain	Ganda Nala 1.5 to 2.0 Km W/SW		
Hill ranges	None		
Seismic zone	Seismic zone-III as per UEVRP (Urban Earthquake Vulnerability Reduction Program) Seismic zone map of India and Uttar Pradesh & (IS 1893:2002 (Part-1)		

8. Land use details:

Land Use	Total area	% of Total Plot
Area under plots	18000	100
Road and Parking area	3000	16
Common Facilities plant and machinery	7000	38
Green Spaces	6000	34
ETP, Salt recovery and chrome recovery unit	2000	12
Basement	Nil	

9. Proposed equipment/machinery details:

S. No.	Name of Equipment/Machinery	Quantity
1.	Salt shaker (Rotary Drum)	01
2.	Soaking and liming drums	02
3.	Fleshing machine	02
5.	Wet blue drums	02
6.	Wet blue sammying machine	01
7.	Splitting machine	02

8.	Shaving machine	03
9.	Retaining and Drying fat liquor Drum	06
10.	Dyeing fat liquoring drums	05
11.	Setting machine	02
12.	Drying unit	01
13.	Finishing machine	04

10. Water requirement details:

Sr. N.	Tanning Processes	Water used KL Per ton of raw hides processed
1	Soaking	6
2	Liming	6
3	Deliming and Bating	6
4	Pickling	2
5	Chrome Tanning	2
6	Neutralization, Re-Tanning, Dyeing and Fat Liquoring	4
7	Finishing	1
8	Washing	1
	Total	28 KL / Ton (16 MT per Day)
9	Total water requirement in the manufacturing/ industrial process	448 KL/Day
10	Total water requirement for manufacturing / industrial process and other activities	508 KL/Day

11. Waste water details:

Sr. N.	Tanning Processes	Wastewater generation in the raw hides processed KL Per ton
1	Soaking	0.6
2	Liming, Deliming and Bating, Pickling, Neutralization, Re-Tanning, Dyeing and Fat Liquoring, Finishing, washing	21.25
5	Chrome Tanning	0.3
	Total	22.15 KL / Ton (16 MT per Day)
9	Total waste water generation	355 KL/day

12. Solid / hazardous waste generation:

Sr. No.	Type of Waste	Category as Per Rule	Quantity Generation (MT/Month)	Utilization / Disposal Plan
1.	Coal Ash (Generated through Boiler)	-----	2 - 3	Utilization for as per fly ash rule.
2.	ETP sludge	35.3	2-3	Dispose through TSDF site.
3.	Used Oil (Generated through stand by DG set)	5.1	100 liter/Month	Partial used in Boiler and partial sell to register recycler.
4.	Small pieces of leather	----	2-3	<ul style="list-style-type: none"> • Smaller particle (saver dust) will sell to feeder and fertilizer industry. • Bigger part will sell to end user.
5.	Salt recover from MEE and ATFD	37.3	3 - 4 MT per Day	Dispose through TSDF site.

13. The project proposal falls under category-4(f) of EIA Notification, 2006 (as amended).

The project proponent also informed that EC applied for your kind consideration does not cover existing constructed area. The area adjacent to the proposed land is for carrying out other operations and had achieved CTE for dry shoe unit from UPPCB which does not require environmental clearance. The proposed site applied for EC is not having construction and lying vacant, geo coordinates are provided for your kind consideration and this land will have separate boundaries.

The consultant (EIA Coordinator) also submitted an affidavit dated 10/05/2023 mentioning is as follows:

1. I, Hari Om Sharan Dwivedi, S/o Shree A.S. Dwivedi is EIA Coordinator of M/s Green Enviro Engineers Pvt. Ltd.
2. I have prepared the EIA/EMP report for the proposal in Name of Everest Exports with my team.
3. I have personally visited the site of proposal and certify that no Mining/construction activity has been undertaken on the project site for the present proposal.
4. I have satisfied with that all the necessary data/information submitted along with application/EIA/EMP are true and correct.
5. I certify that this project proposal has not been previously uploaded on parivesh portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. I state that all the TOR points have been complied and all the issues raised during public hearing have been properly addressed in EIA report.
8. The EIA/EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO-14

The committee discussed the matter on the basis of documents and affidavit submitted by the project proponent, consultant and presentation made before SEAC, the committee recommended grant of environmental clearance for the project proposal along with following environmental clearance conditions:

- I. The project proponent shall not discharge any chrome bearing effluent outside the premises and maintain the concept of Zero Liquid Discharge. In case of failure, this environmental clearance shall automatically deem to be cancelled.
- II. The project proponent shall collect, handle and store chrome bearing waste properly in the premises to avoid the percolation in soil and dispose as per the guidelines of CPCB/UPPCB.
- III. The project proponent shall establish a separate Environment Management Cell headed by well qualified person with supporting staff and laboratory to monitor and manage environment management plan as proposed by proponent.
- IV. As per proposal of project proponent, the project proponent shall follow all the possible technologies as incorporated in final draft guidelines of CPCB (March-2019) named "Guidelines for Environmental Improvement in Leather Tannery Sector". Further they shall also adopt salt free pickling techniques.
- V. The project proponent shall install continuous emission monitoring system on the stack of boiler to monitor the parameter named PM, SO₂, NO₂ & Temp and Online monitoring system will be installed at the outlet of ETP as per CPCB guideline to monitor the parameter named PH, BOD, COD, TSS, DO and will be connected with CPCB server.
- VI. Statutory compliance:
 1. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
 2. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
 3. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area)
 4. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air

(Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.

5. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.

VII. Air quality monitoring and preservation:

1. The project proponent shall install emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986.
2. The project proponent shall monitor fugitive emissions (for PM_{2.5}, PM₁₀, NH₃ and VOCs) in the plant premises at least once in a year through labs recognized under Environment (Protection) Act, 1986.
3. The project proponent shall submit monthly summary report of monitoring of air quality / fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB in the six-monthly monitoring report.
4. The project proponent shall provide appropriate Air Pollution Control (APC) system for all the emission generating points so as to comply prescribed stack emission standards (if any stack is proposed).
5. Adequate method shall be adopted to control odour and a report submitted to the Ministry's Regional Office.
6. The Company shall provide stacks of adequate height to the D.G. Sets along with acoustic enclosures for noise control as per guidelines. The DG Sets should comply with the norms notified.

VIII. Water quality monitoring and preservation:

1. The project proponent shall install 24x7 continuous effluent monitoring system at discharge points for effluents with respect to standards prescribed in Environment (Protection) Rules 1986 and connect to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.
2. The effluent shall monitor manually with respect to standards prescribed in Environment (Protection) Rules 1986 at least once in every quarter through labs recognised under Environment (Protection) Act, 1986.
3. The project proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers / sampling wells in the plant and adjacent areas through labs recognised under Environment (Protection) Act, 1986 and NABL accredited laboratories.
4. Ground water monitoring around the solid waste disposal site/secured landfill (SLF), if any, should be carried out regularly
5. The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report .
6. The project proponent provide the ETP for effluent to meet the standards prescribed under the Environment (Protection) Rules, 1986 as amended from time to time.
7. The project proponent allows the treated effluent to be discharged in the ambient environment only after exhausting options for reuse in order to minimise freshwater usage. (in case of the large scale tanneries in sensitive / critical areas-implement Zero Liquid Discharge)
8. Provide Sewage Treatment Plant for domestic wastewater in case there is no municipal sewer line to convey sewage for treatment at Municipality sewage treatment plant.
9. Garland drains and collection pits shall be provided for each stock pile to arrest the run-

- off in the event of heavy rains and to check the water pollution due to surface run off.
10. The project proponent shall practice rainwater harvesting to maximum possible extent.
 11. Water meters shall be provided at the inlet to all unit processes in the steel plants.
 12. The project proponent shall make efforts for reduction in specific water and power consumption and increase in the recycling of the treated effluent.
- IX. Noise monitoring and prevention:
1. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.
- X. Energy Conservation measures:
1. Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly;
 2. Provide LED lights in their offices and residential areas.
- XI. Waste management:
1. Spent chrome liquor should be segregated at the tannery premises and collected separately and processed for recovery and reuse of chromium in the tanneries. The process adopted should be the one involving precipitation of chromium with the help of a suitable alkali. Design of the proposed continuous Chrome Recovery plant should be approved by a Govt. institute such as NEERI, CLRI, IITs, NITs.
 2. In-house various salt control measures shall be adopted by tanneries such as mechanical desalting of hide, counter current soaking and recycling of pickle liquor to reduce TDS.
 3. The company shall dispose of solid waste in the secured double lined landfill site. The fleshings from the tannery shall be supplied to the manufacturers of dog chew and glue or properly dispose of in environment-friendly manner.
 4. The waste shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rule s, 2016 and Solid Waste Management Rules, 2016.
- XII. Green Belt:
1. Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant
- XIII. Public hearing and Human health issues:
1. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
 2. ii. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
- XIV. Corporate Environment Responsibility:
1. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017- IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
 2. The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation /violation of the environmental / forest /wildlife norms/ conditions. The company shall have defined system of reporting infringements / deviation/ violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
 3. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive , who will directly to the head of the organization.
 4. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by

competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.

5. Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
6. All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the tannery sector shall be implemented.

XV. Miscellaneous:

1. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
2. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
3. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
4. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
5. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
6. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
7. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
8. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
9. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
10. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
11. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
12. The Ministry reserves the right to stipulate additional conditions if found necessary.
13. The Company in a time bound manner shall implement these conditions. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
14. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public

Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.

15. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

(Dr. Brij Bihari Awasthi)
Member

(Umesh Chandra Sharma)
Member

(Dr. Ratan Kar)
Member

(Om Prakash Srivastava)
Member

(Ashish Tiwari)
Member-Secretary, SEAC

(Rajive Kumar)
Chairman

Nodal, SEAC-1

MoM prepared by Secretariat in consultation with
Chairman & Members on the basis of decisions
taken by SEAC-1 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, SO₂, NO_x 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, SO₂, NO_x) 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 1st June and 1st December of each calendar year.
23. The SEIAA may alter/modify the above conditions or stipulate any further condition in the interest of environmental protection.
24. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.

B. Specific Conditions:

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

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

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

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

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

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

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

- 15) The vegetation in the RF / PF areas in the study area, with necessary details, should be given.
- 16) A study shall be got done to ascertain the impact of the Mining Project on wildlife of the study area and details furnished. Impact of the project on the wildlife in the surrounding and any other protected area and accordingly, detailed mitigative measures required, should be worked out with cost implications and submitted.
- 17) Location of National Parks, Sanctuaries, Biosphere Reserves, Wildlife Corridors, Ramsar site Tiger/ Elephant Reserves/(existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated, supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above, should be obtained from the Standing Committee of National Board of Wildlife and copy furnished.
- 18) A detailed biological study of the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out. Details of flora and fauna, endangered, endemic and RET Species duly authenticated, separately for core and buffer zone should be furnished based on such primary field survey, clearly indicating the Schedule of the fauna present. In case of any scheduled- I fauna found in the study area, the necessary plan alongwith budgetary provisions for their conservation should be prepared in consultation with State Forest and Wildlife Department and details furnished. Necessary allocation of funds for implementing the same should be made as part of the project cost.
- 19) Proximity to Areas declared as 'Critically Polluted' or the Project areas likely to come under the 'Aravali Range', (attracting court restrictions for mining operations), should also be indicated and where so required, clearance certifications from the prescribed Authorities, such as the SPCB or State Mining Department should be secured and furnished to the effect that the proposed mining activities could be considered.
- 20) R&R Plan/compensation details for the Project Affected People (PAP) should be furnished. While preparing the R&R Plan, the relevant State/National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs /STs and other weaker sections of the society in the study area, a need based sample survey, family-wise, should be undertaken to assess their requirements, and action programmes prepared and submitted accordingly, integrating the sectoral programmes of line departments of the State Government. It may be clearly brought out whether the village(s) located in the mine lease area will be shifted or not. The issues relating to shifting of village(s) including their R&R and socio-economic aspects should be discussed in the Report.
- 21) One season (non-monsoon) [i.e. March-May (Summer Season); October-December (post monsoon season); December-February (winter season)] primary baseline data on ambient air quality as per CPCB Notification of 2009, water quality, noise level, soil and flora and fauna shall be collected and the AAQ and other data so compiled presented date-wise in the EIA and EMP Report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be such as to represent whole of the study area and justified keeping in view the pre-dominant downwind direction and location of sensitive receptors. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM₁₀, particularly for free silica, should be given.
- 22) Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.
- 23) The water requirement for the Project, its availability and source should be furnished. A detailed water balance should also be provided. Fresh water requirement for the Project should be indicated.
- 24) Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.
- 25) Description of water conservation measures proposed to be adopted in the Project should be given.
- 26) Details of rainwater harvesting proposed in the Project, if any, should be provided.
- 27) Impact of the Project on the water quality, both surface and groundwater, should be assessed and necessary safeguard measures, if any required, should be provided.
- 28) Based on actual monitored data, it may clearly be shown whether working will intersect groundwater.

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

were collected and the sources should be indicated.

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

Annexure-3

General and Specific Conditions for Soil Earth Mining Projects:-

General condition:

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

Specific Conditions:

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

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