

Minutes of 746th SEAC-1 Meeting Dated 09/05/2023

The 746th meeting of SEAC-1 was held in the Directorate of Environment, U.P. through dual-mode (physically/virtually) at 10:00 AM on 09/05/2023. Following members participated in the meeting:

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|----|----------------------------|-----------------------------|
| 1. | Shri Rajive Kumar, | Chairman, SEAC |
| 2. | Dr. Ajai Mishra, | Member, SEAC-1 (through VC) |
| 3. | Dr. Ratan Kar, | Member, SEAC-1 |
| 4. | Dr. Brij Bihari Awasthi, | Member, SEAC-1 (through VC) |
| 5. | Shri Umesh Chandra Sharma, | Member, SEAC-1 (through VC) |
| 6. | Shri Ashish Tiwari, | Member-Secretary, SEAC-1 |

The Chairman welcomed the members to the 746th 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. Building Stone Gitti/Boulder (Sandstone) Mine at Arazi No 11/1mi, Village- Sukrit, Tehsil- Roberstganj, District- Sonbhadra, Shri Sunil Rai, Area- 0.7284 ha., File No. 7725/ Proposal No. SIA/UP/MIN/422959/2023

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 Gitti/Boulder (Sandstone) Mine at Arazi No.- 11/1 Mi., Village- Sukrit, Tehsil- Roberstganj, District- Sonbhadra, U.P., (Leased Area 0.7284 ha.).
2. Salient features of the project as submitted by the project proponent:

On-line proposal No.	SIA/UP/MIN/ 422959 /2023		
File No. allotted by SEIAA, UP	7725		
Name of Proponent	Prop. Shri Sunil Rai		
Full correspondence address of proponent and mobile No.	R/o H.no. 2 Babhnouli Marg, Pragyapuram colony, Babhnouli, Roberstganj, District- Sonbhadra		
	Mobile No-		
	Email-		
Name of Project	Sukrit Building Stone Gitti/Boulder (Sandstone) Mining project		
Project location (Plot/Khasra/Gata No.)	Arazi No 11/1 Mi.		
Name of River	-		
Name of Village	Sukrit		
Tehsil	Roberstganj		
District	Sonbhadra		
Name of Minor Mineral	Building Stone Gitti/Boulder (Sandstone)		
Sanctioned Lease Area (in Ha.)	0.7284 ha		
Max & Min mRL within lease area	Max- 155.0 mRL & 131.0 mRL		
Pillar Coordinates (Verified by DMO)	Sanctioned Mining Lease Area		
	Pillar No.	Latitude	Longitude
	A	24°55'13.36"N	83° 1'8.26"E
	B	24°55'15.13"N	83° 1'8.72"E

	C	24°55'14.84"N	83° 1'13.14"E
	D	24°55'12.90"N	83° 1'12.82"E
Total Geological Reserves	6,21,105 Cum		
Total Mineable Reserves in LOI	21,862 Cum/year		
Total Proposed Production	21,862 Cum/year		
Proposed Production/year	21,862 Cum/year		
Sanctioned Period of Mine lease	20 years		
Method of Mining	Open Cast Semi-mechanized Method		
No. of working days	260 days		
Working hours/day	8 hrs		
No. of workers	26		
No. of vehicles movement/day	12		
Type of Land	Government waste land		
Ultimate Depth of Mining	24		
Nearest metalled road from site	1.0 km		
Water Requirement	PURPOSE		REQUIREMENT (KLD)
	Drinking		0.26
	Suppression of dust		2.95
	Plantation		0.73
	Others (if any)		0.26
	Total		4.20
Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt. Ltd. Certificate no. NABET/EIA/1922/SA 0186, Validity- 10-09-2023		
Any litigation pending against the project or land in any court	No		
tails of 500 m Cluster Map & certificate issued by Mining Officer	Yes, certified, letter No. 728/Khanij/2022, dated 09.06.2022		
Details of Lease Area in approved DSR	Yes, given in the DSR through letter No. 1033/M.-228/2017(Khanan Niti)- DSR Dated- 31.10.2022		
Proposed CER cost	Rs 89,000/-		
Proposed EMP cost	Recurring Cost- 5,05,000/- including CER		
Length and breadth of Haul Road	Length: 0.246 km, width: 6 m		
No. of Trees to be Planted	728 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 21/03/2023 mentioning is as follows:

- I, Ankur Sharma, S/o Lalit Mohan Sharma is EIA Coordinator of M/s Cognizance Research India Pvt. Ltd.
- I have prepared EMP report for the proposal (SIA/UP/MIN/422959/2023) of Building Stone Gitti/Boulder (Sandstone) Mine at Arazi No.- 11/1 Mi., Village- Sukrit, Tehsil- Roberstganj, District- Sonbhadra, U.P., (Leased Area 0.7284 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 required for EMP report of project are true and correct.

5. I certify that this project proposal has been uploaded for the first time on Parivash Portal.
6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which is submitted after acceptance of application.
7. The Form-1, PFR and EMP (B-2 Application) report for the Proposal will be prepared by my team as per guideline laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 01

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

1. Project proponent 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.

2. Building Stone, Granite Khanda, Gitti, Boulder Mine” located at Araj No.- 181 (Khand - 37), Village- Bari, Tehsil Sadar & District Mahoba, Smt Ragini, Area 2.024 Ha., File No. 7731/7162/ Proposal No. SIA/UP/MIN/420989/2023 “

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, Granite Khanda, Gitti, Boulder Mine” located at Araj No.- 181 (Khand - 37), Village- Bari, Tehsil Sadar & District Mahoba, U.P., (Leased Area 2.024 Ha.).
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 286/Parya/SEIAA/7162/2022 on dated 30/11/2022.
3. The Public Hearing was organized on 02/02/2023. Final EIA Report was submitted by the Project Proponent on 25/03/2023.

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

1. On-line proposal No.	SIA/UP/MIN/420989/2023		
2. File No. allotted by SEIAA, U.P	7731-7162		
3. Name of Proponent	Smt. Ragni W/o - Late Shri Sandeep Singh		
4. Full correspondence address of proponent and mobile no.	R/o Vivek nagar, Kabrai, Tehsil & Dist: Mahoba (U.P.)		
5. Name of Project	Building Stone, Granite Khanda, Gitti, Boulder Mining Project		
6. Project location (Plot/Khasra/Gata No.)	Arazi No. 181 (Khand - 37)		
7. Name of River	NA		
8. Name of Village	Bari		
9. Tehsil	Sadar		
10. District	Mahoba (U.P.)		
11. Name of Minor Mineral	Building Stone, Granite Khanda, Gitti, Boulder Mine		
12. Sanctioned Lease Area (in Ha.)	2.024 Ha.		
13. Mineable Area (in Ha.)	1.6 Ha. (Safety Margin 0.424 Ha.)		
14. Zero level mRL	NA		
15. Max. & Min mrl within lease area	The highest point found within the project area is 187m from MSL found in the Southern side, and the lowest point found within the project area is 168m from MSL found in the Northern side.		
16. Pillar Coordinates (Verified by DMO)	Pillar	Latitude(N)	Longitude(E)
	A	25°24'30.992"N	79°55'07.651"E
	B	25°24'30.128"N	79°55'09.869"E
	C	25°24'29.434"N	79°55'13.494"E
	D	25°24'27.122"N	79°55'13.789"E
	E	25°24'26.096"N	79°55'08.713"E
	F	25°24'28.984"N	79°55'06.258"E
	G	25°24'30.017"N	79°55'06.236"E
17. Total Geological Reserves	3,48,450 m3		
18. Total Mineable Reserve	334548 m3		
19. Total Proposed Production (in five year)	3,03,600 m3 in five years		
20. Proposed Production/year	60,720 m3 per year		
21. Sanctioned Period of Mine lease	10 Years as per LOI		

22. Total quantity issued for lease period of 10 years as per LOI	6,07,200 m3 for lease period of 10 years as per LOI	
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	25	
27. No. Of vehicles movement/day	NA	
28. Type of Land	Government Land (Rocky Barren)	
29. Ultimate Depth of Mining	48.0 m for five years as per approved mining plan	
30. Nearest metalled road from site	NH-34 at 7.5 km towards South-East direction from the project site.	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking water	0.35 KLD
	Dust suppression	1.89 KLD
	Plantation	3.0 KLD
	Others (if any)	-
	Total	5.24 KLD (Approx. 5.2 KLD)
32. Name of QCI Accredited Consultant with QCI No And period of validity.	Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/EIA/1922/RA 0200 (Rev01) (Valid up to Jan. 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. 507(i)/ MMC-30/2022-23 Date-18/05/2022	
35. Details of Lease Area in approved DSR	Corrigendum Letter no: 8471/M.M.C-30-Khanij/2020-21 dated 10/03/2021 S.No.- 58 page no:03	
36. Proposed EMP cost	Rs. 18,94,425/-	
37. Proposed Total Project cost	Rs. 1,40,00,000/-	
38. Length and breadth of Haul Road	210 m length and 6 m width	
39. No. of Trees to be Planted	3000	
40. Monitoring season	Monitoring Period (01/10/2020 – 31/12/2020)	

- 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 08/05/2023 mentioning is as follows:

- 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.
- I have prepared EIA project report for the Proposal No. SIA/UP/MIN/420989/2023 (File No. – 7731-7162) Project Proponent: Smt. Ragni W/o - Late Shri Sandeep Singh, R/o- Vivek nagar, Kabrai, Tehsil & Dist: Mahoba (U.P.), proposed “Building Stone, Granite, Khanda, Gitti & Boulder Mining Project” located at Arazi No. 181, Khand No. –37 (Area 2.024 Ha.) in Village-Bari, Tehsil- Sadar & District- Mahoba, Uttar Pradesh.) 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 have satisfied with that all the necessary data/information required for EIA/EMP presentations are true and correct.
- 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. 02

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.

3. "Building Stone (Sand Stone) Mine" Project at Arazi No.-02, SI No.- 07, at Village- Sariya, Tehsil- Chunar, District- Mirzapur, Shri Sanjay Bhai Patel, area 0.8090 ha., File No. 7741/6465/ Proposal No. SIA/UP/MIN/423435/2023

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.- 02, SI. No.- 07 Village- Sariya, Tehsil- Chunar, District- Mirzapur, Uttar Pradesh, (Leased Area- 0.809 ha).
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 355/Parya/SEIAA/6465/2021, Dated 13/12/2021.
3. The Public Hearing was organized on 30/09/2022. Final EIA Report was submitted by the Project Proponent on 27/03/2023.
4. Salient features of the project as submitted by the project proponent:

On-line proposal No.	SIA/UP/MIN/423435/2023		
File No. allotted by SEIAA, UP	7741/6465		
Name of Proponent	Prop: Shri Sanjay Bhai Patel		
Full correspondence address of proponent and mobile No.	R/o Ramrasahi, Patihata, District- Mirzapur, (U.P.)		
	Mobile No-		
	Email-		
Name of Project	Sariya Building Stone (Sandstone) Mining project		
Project location (Plot/Khasra/Gata No.)	Arazi No. 02, SI. No. 07		
Name of River	-		
Name of Village	Sariya		
Tehsil	Chunar		
District	Mirzapur		
Name of Minor Mineral	Building Stone (Sandstone)		
Sanctioned Lease Area (in Ha.)	0.8090 Ha		
Max & Min mRL within lease area	Max- 120.0 mRL & 116.0 mRL		
Pillar Coordinates (Verified by DMO)	Pillar No.	Latitude	Longitude
	A	25° 2'39.90"N	82°58'51.40"E
	B	25° 2'38.30"N	82°58'54.51"E
	C	25° 2'37.10"N	82°58'52.80"E
	D	25° 2'37.40"N	82°58'49.90"E
Total Geological Reserves	213886.5 cum		
Total Mineable Reserves in LOI	115218 cum/yr		
Total Proposed Production	40,450 cum/yr		
Proposed Production/year	8,090 cum/yr		
Sanctioned Period of Mine lease	Maximum 20 years		
Method of Mining	Open Cast Semi-mechanized Method		
No. of working days	260 days		
Working hours/day	8 hrs		
No. of workers	28		
No. of vehicles movement/day	10		
Type of Land	Government waste land		
Ultimate Depth of Mining	24		
Nearest metalled road from site	0.8 km		
Water Requirement	Purpose	Requirement (KLD)	
	Drinking	0.28	
	Toilet	0.28	
	Plantation	1.618	
	Suppression of dust	10.440	
	Total	12.618	

Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt Ltd.1922,
Any litigation pending against the project or land in any court	No
Details of 500 m Cluster Map & certificate issued by Mining Officer	Yes, certified
36. Details of Lease Area in approved DSR	Yes, given in the DSR
37. Proposed CER cost	Rs 1,21,000
38. Proposed EMP cost	EMP Capital Cost =Plantation Cost + CER = Rs. 8,09,000 + Rs. 1,21,000 = Rs. 9,30,000/- EMP Recurring Cost- Rs. 4,03,000/-
39. Length and breadth of Haul Road	Length: 870 m, width: 6 m
40. No. of Trees to be Planted	809 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 25/03/2023 mentioning is as follows:

1. I, Ankur Sharma, S/o Lalit Mohan Sharma is EIA Coordinator of M/s Cognizance Research India Pvt. Ltd.
2. I have prepared EIA/EMP report for the Proposal No. SIA/UP/MIN/23435/2023 of Building Stone (Sandstone) mining project at Arazi No.- 02, Sl. No.- 07 Village- Sariya, Tehsil- Chunar, District- Mirzapur, Uttar Pradesh, (Leased Area- 0.809 ha) with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I 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. Ordinary Sand Mining Project on Yamuna River at Gata No.- 784 Mi, Village- Kishunpur, Tehsil- Bhognipur, District: Kanpur Dehat, Shri Santosh Kumar Sachan, M/s Jai Mahakal Exploration Pvt. Ltd., Area: 5.96 ha., File No. 7742/7164/ Proposal No. SIA/UP/MIN/423467/2023

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 Ordinary Sand Mining Project on Yamuna River Bed at Gata No 784 Mi, Village- Kishunpur, Tehsil- Bhognipur, District- Kanpur Dehat, and State- Uttar Pradesh. M/s Jai Mahakal Exploration Pvt. Ltd., (Leased 5.960 Ha).

2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. :- 287/Parya/SEIAA/7164/2022, dated 30/11/2022.
3. The Public Hearing was organized on 15/03/2023. Final EIA Report was submitted by the Project Proponent on 27/03/2023..
4. Salient features of the project as submitted by the project proponent:

On-line proposal No.	SIA/UP/MIN/423467/2023		
File No. allotted by SEIAA, UP	7742/7164		
Name of Proponent	M/s Jai Mahakal Exploration Pvt. Ltd., Prop. Shri Santosh Kumar Sachan		
Full correspondence address of proponent and mobile No.	Prop. Shri Santosh Kumar Sachan		
	R/o 3 R DLF NO. 302, Rohini Shreedham BND 127 U 8 Nirala Nagar, District- Kanpur Nagar, Uttar Pradesh		
	Mobile No-		
	Email-		
Name of Project	Proposed Ordinary Sand Mining Project on Yamuna River Bed		
Project location (Plot/Khasra/Gata No.)	Gata No: 784 Mi		
Name of River	Yamuna		
Name of Village	Kishunpur		
Tehsil	Bhognipur		
District	Kanpur Dehat		
Name of Minor Mineral	Ordinary Sand		
Sanctioned Lease Area (in Ha.)	5.960		
Max & Min mRL within lease area	Max- 102.0mRL & 100.0 mRL		
Pillar Coordinates (Verified by DMO)	Pillar No.	Latitude N	Longitude E
	A	26°12'39.78"N	79°39'50.89"E
	B	26°12'33.10"N	79°39'50.30"E
	C	26°12'29.38"N	79°40'0.17"E
	D	26°12'36.54"N	79°40'0.61"E
Total Geological Reserves	109156 cum		
Total Mineable Reserves in LOI	65,560 cum/yr		
Total Proposed Production	65,560 cum/yr		
Proposed Production/year	65,560 cum/yr		
Sanctioned Period of Mine lease	5 years		
Method of Mining	Open Cast Semi-mechanized Method		
No. of working days	260 days		
Working hours/day	8 hrs		
No. of workers	51		
No. of vehicles movement/day	19		
Type of Land	Government waste land		
Ultimate Depth of Mining	2.0		
Nearest metalled road from site	2.15 km		
Water Requirement	PURPOSE		REQUIREMENT (KLD)
	Drinking		0.51
	Suppression of dust		5.124
	Plantation		11.92
	Mobile Toilet		0.51
	Total		18.064
Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt Ltd.1922		
Any litigation pending against the project or land in any court	No		
tails of 500 m Cluster Map & certificate issued by Mining Officer	Yes, 543/ खो लि० -का० दे० -Cluster/2021 dated 31.08.2021		
Details of Lease Area in approved DSR	Yes, given in the DSR		
Proposed CER cost	Rs 2,01,000		
Proposed EMP cost	EMP Capital Cost =Plantation Cost + CER = Rs. 59,60,000/-		

	EMP Recurring Cost- Rs. 7,01,000 /-
Length and breadth of Haul Road	Length: 0.427 m, width: 6 m
No. of Trees to be Planted	5960 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 25/03/2023 mentioning is as follows:

1. I, Ankur Sharma, S/o Lalit Mohan Sharma is EIA Coordinator of M/s Cognizance Research India Pvt. Ltd.
2. I have prepared EIA/EMP report for the Proposal No. SIA/UP/MIN/423467/2023 of Ordinary Sand Mining Project on Yamuna River Bed at Gata No 784 Mi, Village- Kishunpur, Tehsil- Bhognipur, District- Kanpur Dehat, and State- Uttar Pradesh. M/s Jai Mahakal Exploration Pvt. Ltd., (Leased 5.960 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 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.

The project proponent also submitted letter dated 12/01/2023 issued by Director, Directorate of Geology and Mining, U.P. wherein:

“... ”

SEIAA द्वारा नदी तल में स्थित बालू/मौरम की दीर्घकालीन अवधि के खनन पट्टों के लिए पर्यावरण स्वच्छता प्रमाण पत्र प्राप्त करने से पूर्व कतिपय प्रकरणों में replenishment study की अपेक्षा की जा रही है। उल्लेखनीय है कि नये क्षेत्रों को परिहार पर स्वीकृत किये जाने से पूर्व, क्षेत्र में उपलब्ध खनिज की मात्रा का आंकलन जनपद स्तर पर गठित समिति द्वारा किया जाता है। समिति के आंकलन के आधार पर प्रथम वर्ष का निर्धारण कर विज्ञप्ति जारी की जाती है। सफल बोलीदाता के पक्ष में खनन परिहार स्वीकृत किये जाने पर, क्षेत्र में प्रथम वर्ष खनन कार्य समाप्ति होने के उपरान्त, मानसून सत्र में क्षेत्र में बालू/मौरम के पुर्नभराव का आंकलन किया जाना आवश्यक होता है। ऐसी स्थिति में SEIAA द्वारा पर्यावरण स्वच्छता प्रमाण पत्र निर्गत किये जाने से पूर्व replenishment study की आवश्यकता प्रतीत नहीं होती है।”

RESOLUTION AGAINST AGENDA NO. 04

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-2 to these minutes. The committee also stipulated the following specific conditions:

1. Directorate of Geology and Mining will ensure conduct of replenishment study from reputed institution for subsequent years in compliance of Hon'ble NGT orders. Based on replenishment study letter of intent (LoI) must be revised (if required) by Directorate of Geology and Mining.
 2. NOC from Irrigation Department/ Concerning Authority regarding river bed mining to be obtained before start of mining activity.
 3. 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.
 4. The project proponent shall install solar light in their site office.
 5. 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.
 6. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
 7. 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.
 8. 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.
 9. The project proponent should explore the possibilities of rainwater harvesting.
 10. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.
 11. 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.
 12. 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
 13. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ water supplying agencies to be submitted.
 14. Submit the Hydrological study report of lease area that the quantity given in LoI will be mined without affecting the geo-hydrology of the River.
5. **“Building Stone, Granite, Khanda, Gitti& Boulder Mining Project” located at Arazi No.- 1097, Khand No. -04, Village- Utiyan, Tehsil- Sadar & District- Mahoba, Smt. Aparna Rai, Area- 0.809 Ha., File No. 7744/7163/ Proposal No. SIA/UP/MIN/424055/2023**

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, Granite, Khanda, Gitti& Boulder Mining Project” located at Arazi No.- 1097, Khand No. -04, Village- Utiyan, Tehsil- Sadar & District- Mahoba, U.P., (Leased Area- 0.809 Ha.).
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 182/Parya/SEIAA/7163/2022 on Date 12/09/2022.
3. The Public Hearing was organized on 02/02/2023. Final EIA Report was submitted by the Project Proponent on 30/03/2023.

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

Sanction Features of the project as submitted by the project proponent:				
1. On-line proposal No.	SIA/UP/MIN/424055/2023			
2. File No. allotted by SEIAA, U.P	7744-7163			
3. Name of Proponent	Smt. Aparna Rai W/o – Late Shri Vipin Kumar Rai			
4. Full correspondence address of proponent and mobile no.	R/o - 625 A Amrit Basti, Gandhi Nagar, Tehsil & District: Mahoba (U.P.)			
5. Name of Project	Building Stone, Granite, Khanda, Gitti, Boulder Mining Project			
6. Project location (Plot/Khasra/Gata No.)	Arazi No. 1097 (Khand – 04)			
7. Name of River	NA			
8. Name of Village	Utiya			
9. Tehsil	Sadar			
10. District	Mahoba (U.P.)			
11. Name of Minor Mineral	Building Stone, Granite, Khanda, Gitti, Boulder Mine			
12. Sanctioned Lease Area (in Ha.)	0.809 Ha.			
13. Mineable Area (in Ha.)	0.464 Ha. (Safety Margin 0.345 Ha.)			
14. Zero level mRL	NA			
15. Max. & Min mrl within lease area	The highest point found within the project area is 209 mRL from MSL found in the Southern side, and the lowest point found within the project area is 150 mRL from MSL found in the Northern side.			
16. Pillar Coordinates (Verified by DMO)	Pillar	Latitude(N)	Longitude(E)	
	A	25°24'27.716"N	79°56'07.908"E	
	B	25°24'27.133"N	79°56'09.394"E	
	C	25°24'19.652"N	79°56'07.858"E	
	D	25°24'19.933"N	79°56'06.097"E	
17. Total Geological Reserves	419719 m ³			
18. Total mineable Reserve	343600 m3			
19. Total Proposed Production (in five year)	161800 m3 in five year			
20. Proposed Production/year	32360 m3 per year as per LOI			
21. Sanctioned Period of Mine lease	10 Years as per LOI			
22. Total proposed quantity for 10 years	3,23,600 m3 for lease period of 10 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	20			
27. No. Of vehicles movement/day	NA			
28. Type of Land	Government land(Rocky Barren)			
29. Ultimate Depth of Mining	18 m for 5 years as per approved mining plan			
30. Nearest metalled road from site	NH-34 at 6.7 km towards East direction from the project site			
31. Water Requirement	PURPOSE		REQUIREMENT (KLD)	
	Drinking water		0.30 KLD	
	Dust suppression		3.6KLD	
	Plantation		1.0 KLD	
	Others (if any)		-	
	Total		4.9 KLD approx. 5 KLD.	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/ EIA/ 1922/RA 0200 (Rev01) Valid up to 21 January, 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. 507(ii)/एम०एम०सी०-30/2022-23, on Dated 18/05/2022			
35. Details of Lease Area in approved DSR	Amended Letter number: 960/M.M.C-30- Khanij(2021-22) on Dated 24/07/2021			
36. Proposed EMP cost	Rs 13,23,100/-			
37. Proposed Total Project cost	Rs. 90,00,000/-			
38. Length and breadth of Haul Road	400 m length and 6.0 m width			

39. No. of Trees to be Planted	1000
40. Monitoring Season	1st October 2020 to 31st December 2020

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/424055/2023 (File No. 7744/7163) Project Proponent: Smt. Aparna Rai W/o Late Shri Vipin Kumar Rai, R/o- 625 A, Amrit Basti, Gandhi Nagar, Tehsil & District- Mahoba (U.P.) of proposed “Building Stone, Granite, Khanda, Gitti & Boulder Mining Project” located at Arazi No. 1097, Khand No. 04 (Area 0.809 Ha.) in Village- Utiyan, Tehsil- Sadar & District- Mahoba, 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. 05

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

1. Project proponent 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 3 years 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. **Riverbed Morrum Mining Project from Betwa River Khand No.-22/7, Village- Rirua Basariya, Tehsil- Sarila, District- Hamirpur, Shri Ravindra Singh Jaiwar, Area: 12.00 Ha., File No. 7747/7292/SIA/UP/MIN/424157/2023**

RESOLUTION AGAINST AGENDA NO. 06

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.

7. **“Building stone (Sandstone)” Project at Arazi No.-428, Village- Dhuria, Tehsil-Chunar, District-Mirzapur, Shri Shyamji Singh, Area – 1.01 ha., File No. 7748/7156/ Proposal No. SIA/UP/MIN/423991/2023**

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 environmental clearance is sought for Building Stone (Sandstone) Mine from Arazi/Gata no.- 428, Village- Dhuria, Tehsil- Chunar, District- Mirzapur, Uttar Pradesh, (Leased Area: - 1.01 ha.).
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 184/Parya/SEIAA/ 7156/2022, dated 12/09/2022.

3. The Public Hearing was organized on 10/02/2023. Final EIA Report was submitted by the Project Proponent on 01/04/2023.

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

1.	On-line proposal No.	SIA/UP/MIN/423991/2023																	
2.	File No. allotted by SEIAA, UP	7748/7156																	
3.	Name of Proponent	Shri Shyamji Singh																	
4.	Full correspondence address of proponent and E-mail Id	R/o- 39, Ben Tiari, Chakia, Chandauli, U.P. E-mail Id- shyamjisingh5418@gmail.com																	
5.	Name of Project	Building Stone (Sandstone) Mine from Araj/Gata no.- 428, Village – Dhuria, Tehsil- Chunar, District- Mirzapur, Uttar Pradesh developed by Shri Shyamji Singh																	
6.	Project Location (Plot.Khasra/Gata No.)	Araj/Gata no.- 428, Village – Dhuria, Tehsil- Chunar, District- Mirzapur, Uttar Pradesh																	
7.	Name of River	NA																	
8.	Name of Village	Dhuria																	
9.	Tehsil	Chunar																	
10.	District	Mirzapur																	
11.	Name of Minor Mineral	Building Stone																	
12.	Sanctioned Lease Area (in Ha.)	1.01 ha.																	
13.	Max. & Min mRL within lease area	Highest mRL is 123.60 & Lowest is 107.80 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° 02'16.30"N</td><td>83°03'08.80"E</td></tr><tr><td>B</td><td>25° 02'15.60"N</td><td>83°03'13.67"E</td></tr><tr><td>C</td><td>25° 02'14.00"N</td><td>83°03'13.60"E</td></tr><tr><td>D</td><td>25° 02'13.70"N</td><td>83°03'09.30"E</td></tr></table>			Pillars	N	E	A	25° 02'16.30"N	83°03'08.80"E	B	25° 02'15.60"N	83°03'13.67"E	C	25° 02'14.00"N	83°03'13.60"E	D	25° 02'13.70"N	83°03'09.30"E
Pillars	N	E																	
A	25° 02'16.30"N	83°03'08.80"E																	
B	25° 02'15.60"N	83°03'13.67"E																	
C	25° 02'14.00"N	83°03'13.60"E																	
D	25° 02'13.70"N	83°03'09.30"E																	
15.	Total Geological Reserves	7,26,501 m ³																	
16.	Total Mineable Reserve (as per Approved Mine Plan)	1,82,088 m ³																	
17.	Total Proposed Production	1,51,500 m ³ (in 5 years)																	
18.	Proposed Production/year	30,300 m ³ /Year																	
19.	Sanctioned Period of Mine lease	10 Years																	
20.	Method of Mining	Opencast, Semi-Mechanized																	
21.	Working hours/day	8																	
22.	No. of worker	52																	
23.	Type of Land	Revenue land																	
24.	Ultimate of Depth of Mining	Upto 75 mRL																	
25.	Nearest metalled road from site	310 m																	
26.	Water Requirement	<table><tr><td>PURPOSE</td><td>REQUIREMENT (KLD)</td></tr><tr><td>Drinking</td><td>0.52 KLD</td></tr><tr><td>Suppression of dust</td><td>1.24 KLD</td></tr><tr><td>Plantation</td><td>2.0 KLD</td></tr><tr><td>Others (if any)</td><td>-</td></tr><tr><td>Total</td><td>3.76 KLD</td></tr></table>			PURPOSE	REQUIREMENT (KLD)	Drinking	0.52 KLD	Suppression of dust	1.24 KLD	Plantation	2.0 KLD	Others (if any)	-	Total	3.76 KLD			
PURPOSE	REQUIREMENT (KLD)																		
Drinking	0.52 KLD																		
Suppression of dust	1.24 KLD																		
Plantation	2.0 KLD																		
Others (if any)	-																		
Total	3.76 KLD																		
27.	Name of QCI Accredited Consultant with QCI No and period of validity.	AWS Envirotech (OPC) Pvt. Ltd. Certificate no. NABET/EIA/2225/IA 0097(Rev.01) Valid Till July 14, 2025																	
28.	Any litigation pending against the project or land in any court	No																	
29.	Details of 500 m Cluster Certificate verified by Mining Officer	vide letter no. 8113/khanij/2022 Dated on- 19.05.2022																	
30.	Details of Lease Area in approved DSR	In approved DSR at page no. 11, Sl. No. 27																	
31.	Proposed CER cost	Rs. 1.8 Lakhs/Year																	
32.	Proposed EMP cost	EMP Cost is Rs. 8.5 Lakhs (as capital cost) and Rs. 4.0 lakhs per annum (as recurring cost)																	
33.	Distance of Haul Road	310 m																	
34.	No. of Trees to be Planted	1000																	

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 01/04/2023 mentioning is as follows:

1. I, Sandeep Kumar, S/o Shri R.K. Verma is EIA Coordinator of M/s AWS Envirotech (OPC) Pvt. Ltd.
2. I have prepared EIA report for the Building Stone (Sandstone) Mine from Araj/Gata no.- 428, Village- Dhuria, Tehsil- Chunar, District- Mirzapur, Uttar Pradesh, (Leased Area: - 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 required submitted along with Application/EIA are true and correct.
5. I certify that this project has been uploaded for first time on Parivesh Portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and hard copy/presentation submitted which will be submitted after acceptance of application.
7. I state that all the TOR Points have been complied and all the issues raised during Public Hearing have been properly addressed in EIA report.
8. The EIA report for the Proposal is prepared by my team as per guidelines laid down by QCI/ NABET.

RESOLUTION AGAINST AGENDA NO. 07

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

1. Project proponent 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.

8. Building stone Sand Stone Mine at Arazi No.- 1 ऋ (Sl. No.- 39), Village- Sonpur, Tehsil- Chunar, District- Mirzapur, Shri Chandrabhan Singh, Area 1.21 ha., File No. 7785/7176/ Proposal No. SIA/UP/MIN/426159/2023

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. 1 ऋ, Sl. No. 39 Village- Sonpur, Tehsil- Chunar, District- Mirzapur, State-Uttar Pradesh, (Leased Area : 1.21 Ha).
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 230/Parya/SEIAA/7176/2022, dated 28 October 2022
3. The Public Hearing was organized on 17/03/2023. Final EIA Report was submitted by the Project Proponent on 15/04/2023.
4. Salient features of the project as submitted by the project proponent:

On-line proposal No.	SIA/UP/MIN/426159/2023
File No. allotted by SEIAA, UP	7785/7176
Name of Proponent	Prop: Shri Chandrabhan Singh S/o Shri Hariraj Singh
Full correspondence address of proponent and mobile No.	R/o Colony Line Paar, Chau Ki Basti, Thana- Majhola, District-Moradabad, and State-Uttar Pradesh
	Mobile No-
	Email-
Name of Project	Proposed Sonpur Building Stone/Sandstone Mining project
Project location (Plot/Khasra/Gata No.)	Arazi No. 1 ऋ, Sl. No. 39
Name of River	-
Name of Village	Sonpur
Tehsil	Chunar
District	Mirzapur
Name of Minor Mineral	Building Stone /Sandstone
Sanctioned Lease Area (in Ha.)	1.21 ha

Max & Min mRL within lease area	Max- 109.0 mRL and Min- 108.0 mRL		
Pillar Coordinates (Verified by DMO)	Sanctioned Mining Lease Area		
	Pillar No.	Latitude	Longitude
	A	25° 03'20.05"N	82°59'42.73 "E
	B	25° 03'20.27"N	82°59'43.89"E
	C	25° 03'16.46"N	82°59'40.18"E
	D	25° 03'17.88"N	82°59'38.66"E
Total Geological Reserves	3,83,370 Cum		
Total Mineable Reserves in LOI	1,76,020 Cum/year		
Total Proposed Production	50,100 Cum/year		
Proposed Production/year	50,100 Cum		
Sanctioned Period of Mine lease	Maximum 10 years (27-08-2016 to 27-07-2025)		
Method of Mining	Open Cast Semi-mechanized Method		
No. of working days	260 days		
Working hours/day	8 hrs		
No. of workers	42		
No. of vehicles movement/day	27		
Type of Land	Government waste land		
Ultimate Depth of Mining	30		
Nearest metalled road from site	0.8 km		
Water Requirement	PURPOSE		REQUIREMENT (KLD)
	Drinking		0.42
	Suppression of dust		4.44
	Plantation		2.42
	Others		0.42
	Total		7.70
Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt Ltd.1922,		
Any litigation pending against the project or land in any court	No		
Scale of 500 m Cluster Map & certificate issued by Mining Officer	Yes, certified		
Details of Lease Area in approved DSR	Yes, given in the DSR		
Proposed CER cost	Rs 9,55,000		
Proposed EMP cost	EMP Capital Cost =Plantation Cost + CER =Rs. 4,00,000 + 9,55,000 = Rs. 13,55,000/- EMP Recurring Cost- Rs. 5,18,000/-		
Length and breadth of Haul Road	Length: 0.370 km, width: 6 m		
No. of Trees to be Planted	1210 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 14/04/2023 mentioning is as follows:

- I, Ankur Sharma, S/o Lalit Mohan Sharma is EIA Coordinator of M/s Cognizance Research India Pvt. Ltd.

2. I have prepared EIA/EMP report for the Proposal No. SIA/UP/MIN/426159/2023 of Building Stone Sandstone mining project at Arazi No. 1 ऋ, Sl. No. 39 Village- Sonpur, Tehsil- Chunar, District- Mirzapur, State-Uttar Pradesh, (Leased Area : 1.21 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 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.

The project proponent submit a letter dated 09/05/2023 mentioning that the above case was presented under expansion project but actually there is no expansion in the existing premises/mine lease area of the project, only production is increase within the same mine lease area. The project proponent requested to considered the case as fresh case and grant the environmental clearance.

RESOLUTION AGAINST AGENDA NO. 08

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

9. Sonpur Building stone Sand Stone Mining project at Arazi No 1 ऋ (Sl. No. 40) Village- Sonpur, Tehsil- Chunar, District: Mirzapur, Shri Chandrabhan Singh, Area: 1.21 ha., File No. 7786/ 7177/ Proposal No. SIA/UP/MIN/426201/2023

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. 1 ऋ, Sl. No. 40 Village- Sonpur, Tehsil- Chunar, District- Mirzapur, State-Uttar Pradesh, (Leased 1.21 Ha).
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 229/Parya/SEIAA/7177/2022 Dated 28/10/2022.
3. The Public Hearing was organized on 15/03/2023. Final EIA Report was submitted by the Project Proponent on 15/04/2023.
4. Salient features of the project as submitted by the project proponent:

On-line proposal No.	SIA/UP/MIN/426201/2023		
File No. allotted by SEIAA, UP	7786/7177		
Name of Proponent	Prop: Shri Chandrabhan Singh		
Full correspondence address of proponent and mobile No.	R/o Colony Line Paar, Chauki Basti, Thana- Majhola, District- Moradabad (Uttar Pradesh)		
	Mobile No-		
	Email-		
Name of Project	Proposed Sonpur Building Sandstone Mining project		
Project location (Plot/Khasra/Gata No.)	Arazi No. 1 ऋ, Sl. No. 40		
Name of River	-		
Name of Village	Sonpur		
Tehsil	Chunar		
District	Mirzapur		
Name of Minor Mineral	Building Stone (Sandstone)		
Sanctioned Lease Area (in Ha.)	1.21 ha		
Max & Min mRL within lease area	Max- 106.00 mRL and Min- 100.00 mRL		
Pillar Coordinates (Verified by DMO)	Sanctioned Mining Lease Area		
	Pillar No.	Latitude	Longitude
	A	25° 03'22.31"N	82°59'43.31 "E
	B	25° 03'23.08"N	82°59'49.67"E
	C	25° 03'21.31"N	82°59'50.33"E
	D	25° 03'20.47"N	82°59'44.14"E

Total Geological Reserves	4,91,948 cum	
Total Mineable Reserves in LOI	1,58,143 Cum	
Total Proposed Production	50,100 Cum/year	
Proposed Production/year	50,100 cum	
Sanctioned Period of Mine lease	Maximum 10 years	
Method of Mining	Open Cast Semi-mechanized Method	
No. of working days	260 days	
Working hours/day	8 hrs	
No. of workers	42	
No. of vehicles movement/day	33	
Type of Land	Government waste land	
Ultimate Depth of Mining	24	
Nearest metalled road from site	0.5 km	
Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.42
	Suppression of dust	5.29
	Plantation	2.42
	Others	0.42
	Total	8.55
Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt Ltd.1922,	
Any litigation pending against the project or land in any court	No	
tails of 500 m Cluster Map & certificate issued by Mining Officer	Yes, certified	
Details of Lease Area in approved DSR	Yes, given in the DSR	
Proposed CER cost	Rs 1,45,000	
Proposed EMP cost	EMP Capital Cost =Plantation Cost + CER =Rs. 12,10,000 + 1,45,000 = Rs. 13,55,000/- EMP Recurring Cost- Rs. 5,18,000/-	
Length and breadth of Haul Road	Length: 0.441 km, width: 6 m	
No. of Trees to be Planted	1210 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 14/04/2023 mentioning is as follows:

1. I, Ankur Sharma, S/o Lalit Mohan Sharma is EIA Coordinator of M/s Cognizance Research India Pvt. Ltd.
2. I have prepared EIA/EMP report for the Proposal No. SIA/UP/MIN/426201/2023 of Building Stone Sandstone mining project at Arazi No. 1 ₹, Sl. No. 40 Village- Sonpur, Tehsil- Chunar, District- Mirzapur, State-Uttar Pradesh, (Leased 1.21 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 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.

The project proponent submit a letter dated 09/05/2023 mentioning that the above case was presented under expansion project but actually there is no expansion in the existing premises/mine lease area of the project, only production is increase within the same mine lease area. The project proponent requested to considered the case as fresh case and grant the environmental clearance.

RESOLUTION AGAINST AGENDA NO. 09

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.

(Dr. Brij Bihari Awasthi)
Member

(Umesh Chandra Sharma)
Member

(Dr. Ratan Kar)
Member

(Dr. Ajai Mishra)
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-2 during the meeting.

Annexure-1

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

A. General Conditions:

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under the law.
3. Any addition of the mining area, change of Khasra numbers, enhancement of capacity, change in mining technology, modernization, and scope of working shall again require prior environmental clearance as per EIA notification, 2006.
4. No change in the calendar plan including excavation, the quantum of mineral and waste shall be made.
5. Mining will be carried out as per the approved mining plan. In case of any violation of the mining plan, the Environmental Clearance given by SEIAA will stand cancelled.
6. Four ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for RSPM, SPM, 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 05ha, but factually the distance is less than 500 mt, and the mine is located in the cluster of area equal to or more than 05ha, the E.C issued will stand revoked.
4. This environmental clearance shall be subject to a valid lease in favor of the project proponent for the proposed mining proposals. In case, the project proponent does not have a valid lease, this environmental clearance shall automatically become null and void.
5. The Environmental clearance will be co-terminus with the mining lease period/Mining Plan whichever is less. The Mining plan approved by the Dept. of Mines and Geology shall be strictly implemented and shall not be operated beyond the validity period.
6. Explosive cannot be stored on the site. The Project proponent shall take approval from Chief Controller of Explosive, if applicable for use or storage of explosive or any such materials.
7. A comprehensive EIA including mining areas within 15 K.M. to assess the impact of the mining activity on the surrounding area shall be undertaken and a report submitted to this Authority within one year.
8. No two pits shall be simultaneously worked i.e. before the first is exhausted and reclamation work completed, no mineral bearing area shall be worked.
9. After exhausting the first mine pit and before starting mining operations in the next pit, reclamation and plantation work in the exhausted pit shall be completed to ensure that reclamation, forest cover, and vegetation are visible during the first year of mining operations in the next pit. This process will follow till the last pit is exhausted. Adequate rehabilitation of mined pit shall be completed before any new ore-bearing area is worked for expansion.
10. An adequate buffer zone shall be maintained between two consecutive mineral-bearing deposits.
11. The sprinkling of water on haul roads to control dust will be ensured by the project proponent.

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

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

- covered with a tarpaulin or other suitable enclosures so that no dust particles / fine matters escape during the period of transportation. No overloading of minerals for transportation shall be committed. The trucks transporting minerals shall not pass through the wildlife sanctuary if any in the study area.
38. Prior permission from the Competent Authority shall be obtained for the extraction of groundwater if any.
 39. A final mine closure plan, along with details of Corpus Fund, shall be submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and U.P. Pollution Control Board 5 years in advance of final mine closure for approval.
 40. Project Proponent shall explore the possibility of using solar energy where ever possible.
 41. Commitment towards CER has to be followed strictly.
 42. Regular health checkup record of the mineworkers has to be maintained at the site in a proper register. It should be made available for inspection whenever asked.
 43. Project Proponent has to strictly follow the direction/guidelines issued by MoEF&CC, CPCB, and other Govt. Agencies from time to time.
 44. The blasting will be done only after getting permission from the Mining Department.

General and Specific Conditions for Sand/Morum Mining Proposals

General Conditions:

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

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

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

Specific Conditions:

1. The Environmental clearance will be co-terminus with the mining lease period/mining plan whichever is less.
2. At the time of operation, project proponent will comply with all the guidelines issued by Government of India/State Govt./District Administration related to Covid-19.
3. Environment management in according to environmental status and impact of the project.
4. During the school opening and closing time transportation of minerals will be restricted.
5. Selection of plants for green belt should be on the basis of pollution removal index. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
6. No mining activity should be carried out in-stream channel as per SSMMG, 2016.
7. Pakkamotorable haul road to be maintained by the project proponent.
8. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
9. Permission from the competent authority regarding evacuation route should be taken.
10. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
11. Provision for cylinder to workers should be made for cooking.
12. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
13. Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road. Width of the haul road shall be more than 6 meter.
14. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
15. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
16. Provision for two toilets and hand pumps should be made at mining site.
17. Drinking water for workers would be provided by tankers.
18. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
19. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
20. Corporate Environmental Responsibility (CER) plan shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018.

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

40. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
41. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
42. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
43. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
44. Solid waste material viz., gutkha pouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
45. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
46. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Integrated Regional Office, MoEF&CC, GoI, Lucknow, SEIAA, U.P. and UPPCB.
47. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Integrated Regional Office, MoEF&CC, GoI, Lucknow, CPCB, State PCB.
48. The MoEF&CC/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
49. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
50. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
51. Waste water from potable use be collected and reused for sprinkling.
52. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.