

Minutes of 645th SEAC-1 Meeting Dated 20/04/2022

The 645th meeting of SEAC-1 was held in the Directorate of Environment, U.P. through dual-mode (physically/virtually) at 11:00 AM on 20/04/2022. Following members participated in the meeting:

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

The Chairman welcomed the members to the 645th 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.

General Discussion:

The committee noticed that the SEIAA is referring back few cases with the following remarks:-

"SEIAA opined that it is not evident from the MoM of SEAC whether entire ToR has been addressed while preparing EIA/EMP report or not, this should be deliberated upon by SEAC and details in tabular form should be submitted. Further, it is not evident from MoM of SEAC whether issues raised during public hearing have been addressed while preparing final EIA-EMP report or not, this should be deliberated upon by SEAC and details in tabular form should be submitted. Hence SEIAA opined to refer back the project to SEAC for review/deliberations."

Regarding putting in tabular form of the compliance/action taken on TOR/Public Hearing in the meeting of minutes of SEAC, the committee opines that all projects have been recommended after due examination of relevant aspects. Thus, SEIAA may take up the applications for their timely disposal.

- 1. Stone (Khanda/Gitti/Boulder/Hilly Red Morrum) Mining at Gata No.-715 (Khand No.-12A), Village- Gonda, Tehsil- Karwi, District-Chitrakoot, Shri Narendra Kumar., Area- 0.910 Ha. File No. 6765/Proposal No. SIA/UP/MIN/70141/2021**

The committee noted that the matter was earlier listed in 613th SEAC meeting dated 28/12/2021 and the project proponent did not appear in the meeting. The project proponent vide letter dated 07/03/2022 have requested to list the matter in next SEAC meeting and the matter was listed in 645th SEAC meeting dated 20/04/2022.

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: -

- The terms of reference is sought for Stone (Khanda/Gitti/Boulder/Hilly Red Morrum) Mining at Gata No.-715 (Khand No.-12A), Village- Gonda, Tehsil- Karwi, District-Chitrakoot, U.P. (Leased Area- 0.910 Ha.).

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

1. On-line proposal No.	SIA/UP/MIN/70141/2021		
2. File No. allotted by SEIAA, UP	6765		
3. Name of Proponent	M/S EIKONHEIGHTS INFRASTRUCTURE PVT LTD DIRECTOR □ Shri Narendra Kumar S/O Shri Virendra Kumar		
4. Full correspondence address of proponent and mobile no.	Registered Office□ Pole No – 46, Village – Khera, South West Najafgarh, Delhi, 110043		
5. Name of Project	Building Stone (Khanda / Gitti / Boulder / Pahadi Red Morrum) Mining Project		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 715, Khand No- 12A		
7. Name of River	NA		
8. Name of Village	Gonda		
9. Tehsil	Karwi		
10. District	Chitrakoot (U.P)		
11. Name of Minor Mineral	Building Stone (Khanda / Gitti / Boulder / Pahadi Red Morrum) Mining Project		
12. Sanctioned Lease Area (in Ha.)	0.910 Ha.		
13. Mineable Area (in Ha.)	0.80 Ha.(Safety area 0.11 Ha.)		
14. Zero level mRL	NA		
15. Max. & Min mrl within lease area	Maximum mRL 185mRL Minimum mRL 170 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillar	Latitude(N)	Longitude(E)
	A	25° 12.416'N	80° 45.415'E
	B	25° 12.428'N	80° 45.497'E
	C	25° 12.394'N	80° 45.501'E
	D	25° 12.381'N	80° 45.418'E
17. Total Geological Reserves	4,59,435 m ³		
18. Total Mineable Reserves	45,000 m ³ per year as per LOI		
19. Total Proposed Production (in five year)	2,25,000m ³		
20. Proposed Production/year	45,000 m ³ per year		
21. Sanctioned Period of Mine lease	20 Year		
22. Production for 20 years	9,00,000 m ³ for 20 years		
23. Production of mine/day	NA		
24. Method of Mining	Open cast, Semi- Mechanized		
25. No. of working days	250		
26. Working hours/day	8 hours/day		
27. No. Of workers	36		
28. No. Of vehicles movement/day	13-15 Vehicles movement/day		
29. Type of Land	Government Land(Stony area)		
30. Ultimate Depth of Mining	17.85 meter as per approved mining plan ultimate depth for 5 years		
31. Nearest metalled road from site	NH-35 which is 1 km towards North direction from the project site.		
32. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking water	0.46 KLD	
	Suppression of dust	4.14 KLD	
	Plantation	0.91 KLD	
	Others (if any)	-	
	Total	5.51 KLD approx. 5.5 KLD	
33. Name of QCI Accredited Consultant with QCI No And period of validity.	Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/EIA/1922/RA0200 and valid up to 30 Dec. 2022		
34. Any litigation pending against the project or land in any court	No		
35. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. - 1594/Khanij/2020-21 date 31/12/2020		
36. Details of Lease Area in approved DSR	Suddhi Patr-1350/Khanij/2021-22 Dated 03/03/2022		
37. Proposed EMP cost	Rs. 26,31,250/-		
38. Total Project cost	Rs. 97,00,000/-		

39. Length and breadth of Haul Road	230 m length and 6.0 m width
40. No. of Trees to be Planted	910
41. Monitoring Period	(01/03/2021 – 31/05/2021) Summer Season

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

The project proponent/consultant (EIA Coordinator) also informed that they submitted an affidavit dated 21/04/2022 mentioning is as follows:

1. I Dr. 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, valid till- 30/12/2022.
2. I have prepared TOR Project for the Proposal No. SIA/UP/MIN/70141/2021 (File No. - 6765) of Building Stone (Khanda / Gitti / Boulder / Pahadi Red Morrum) mining project of Gata No. 715, Khand No- 12A, total lease area- 0.910 Ha. located at Village- Gonda, Tehsil- Karwi & District- Chitrakoot (U.P.) with my team.
3. I have personally visited the site of proposal.
4. I have satisfied with that all the necessary data/information required for TOR Project presentations are true and correct.
5. I certify that no mining activity has been undertaken on the project site for the present proposal.
6. I certify that this project has been uploaded for this first time on Parivesh portal. In case the project has been uploaded again due to any reason, the withdrawals of previous project have been accepted by SEIAA, UP on Parivesh Portal.
7. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.

RESOLUTION AGAINST AGENDA NO. 01

The committee discussed the matter and recommended to issue the standard terms of reference for the preparation of EIA as annexed at Annexure-1 to the minutes. The committee also stipulated following additional TOR Points:

Additional TOR:

1. To ensure proper monitoring, the project proponent/consultant should provide evidence in for of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc.
2. EIA coordinator & FAE should give a photo affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigative measures for any critical issues involved in the project.
3. Combined KML of all mines in a cluster should be submitted at the time of EIA.
4. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.

5. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
6. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
7. Proponent/ Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
8. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
9. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.

2. Stone (Khanda, Boulder, Gitti) Mining at Khasra No./Plot No./Gata No.-3114,3115, Khand No.-18,Village- Koshnakalan, Tehsil- Meja, Prayagraj., Shri Durgesh Pratap Singh., M/s Maa Savitri Stones, area-2.024 ha. File No. 6352/Proposal No. SIA/UP/MIN/215315/2021

The committee noted that the matter was earlier listed in 560th SEAC meeting dated 17/08/2021 and the committee directed is as follows:

“Two complaint letters received regarding the project were placed before the committee:-

1. *Complainant, letter dated 09.8.2021 made by Shri. Vinod Singh (Advocate), S/o Shri. Surendra Pratap Singh, R/o Village & Post, Koshnakalan, Tehsil-Meja, Prayagraj U.P.*
2. *Complainant, letter dated 08.8.2021 made by Shri. Denesh Bahadur Singh, S/o Late Shri. Arjun Singh, Village, Koshnakalan Tappa Manda, Tehsil-Meja, Prayagraj U.P.*

The committee took note of the aforesaid Complainant letter and deliberated that the Complainant letter along with all its annexures received should be sent immediately to District Magistrate, Prayagraj to provide the factual report. The committee further directed that a copy of the same letter should also be made to the complainant.

The committee directed that the case should be considered at the earliest after the receipt of the factual report in this regard.”

The Secretariat sent a letter dated 25/08/2021 to District Magistrate, Prayagraj to provide factual status of the project site in view of above complaint letter. District Magistrate, Prayagraj vide order dated 24/09/2021 constitute a joint committee to inspect the site and provide factual report at the site. Joint committee inspect the site on 17/02/2022 and District Magistrate, Prayagraj send the factual report to the Director, Environment vide letter dated 11/03/2022. The relevant points are as follows:

4. स्वीकृत खनन क्षेत्र ग्राम कोषणाकला के बिन्दु-बी से लगभग 50 से 55 मीटर दूरी में चेकडैम बना पाया गया है।
5. स्वीकृत खनन क्षेत्र ग्राम-कोषणाकला का गाटा स-3114, 3215 रकबा 2.024 हे० निजी काश्ताकारोष्की सङ्गमणीय भूमिधरी है। उक्त क्षेत्र में पूर्व में खनन पट्टा स्वीकृत था, जिसकी समाप्ति के उपरान्त पुनः खनन पट्टा स्वीकृत किये जाने हेतु आशय पत्र जारी किया गया है। स्वीकृत क्षेत्र में तालाब का कोई गाटा सम्मिलित नहीं है। अपितु गाटा स-3140 जो खतौनी में तालाब के रूप में दर्ज है, जो स्वीकृत क्षेत्र से पृथक है।
6. स्वीकृत खनन क्षेत्र ग्राम कोषणाकला के बिन्दु-ए से 495 मीटर दूरी पर प्राचीन शिव मन्दिर उपस्थित है। बिन्दु-बी से 460 मीटर दूर, बिन्दु-सी से 337 मीटर दूर, बिन्दु-डी से 302 मीटर दूर, बिन्दु-ई से 230 मीटर दूर, बिन्दु-एफ से 268 मीटर दूर है।
7. स्वीकृत खनन क्षेत्र ग्राम कोषणाकला के खनन क्षेत्र में लगभग औसतन 1/3 क्षेत्र में बरसात का पानी एकट्ठा है, जिसकी औसतन गहराई 1.5 मीटर है।

8. स्वीकृत खनन क्षेत्र ग्राम कोषणाकला गाटा सB114, 3215 रकबा 2.0240 हे0 (पाँच एकड़) वर्तमान में खनन कार्य हेतु सैण्ड स्टोन उपलब्ध है।

The project proponent vide letter dated 25/03/2022 have requested to list the matter in next SEAC meeting and the matter was listed in 645th SEAC meeting dated 20/04/2022. The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Paramarsh Servicing Environment and Development. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environment clearance is sought for Building Stone (Khanda, Boulder Gitti) mine at Khasra no. /Plot no./Gata No.- 3114, 3215, Khand no. 18, at Village – Koshnakalan, Tehsil- Meja, District- Prayagraj, Uttar Pradesh, (Leased Area 2.024 ha.) M/s Maa Savitri Stones.
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/215315/2021																					
2.	File No. allotted by SEIAA, UP	6352																					
3.	Name of Proponent	Shri Durgesh Pratap Singh																					
4.	Full correspondence address of proponent and mobile no.	M/s Maa Savitri Stones Shri Durgesh Pratap Singh (Prop) S/o Shri Satrubandhan Singh R/o- Village- Koshnakalan, Tehsil- Meja District – Prayagraj Uttar Pradesh-212104 Mobile no. – 8840428239 E mail ID - mssaldsand@gmail.com																					
5.	Name of Project	Environmental Clearance of mining lease of Building Stone (Khanda, Boulder Gitti) mine, at Khasra no. /Plot no./Gata No.- 3114, 3215, Khand no. 18, Area 2.024 ha. (5.00 Acres) at Village – Koshnakalan, Tehsil- Meja, District- Prayagraj, Uttar Pradesh of M/s Maa Savitri Stones																					
6.	Project Location (Plot. Khasra/Gata No.)	Khasra no. /Plot no./Gata No.- 3114, 3215, Khand no. 18																					
7.	Name of River	Ganga River – 11.0 Km (N) Belan River - 11.42* Km (S)																					
8.	Name of Village	Koshnakalan, Tehsil- Meja, District- Prayagraj, Uttar Pradesh																					
9.	Tehsil	Meja																					
10.	District	Prayagraj																					
11.	Name of Minor Mineral	Building Stone (Khanda, Boulder Gitti)																					
12.	Sanctioned Lease Area (in Ha.)	2.024 ha																					
13.	Max. & Min mRL within lease area	The highest level is 119 mRL The lowest level is 109 mRL																					
14.	Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th>Point</th><th>Latitude</th><th>Longitude</th></tr> </thead> <tbody> <tr> <td>A</td><td>25°04'30.20"N</td><td>82°13'48.30"E</td></tr> <tr> <td>B</td><td>25°04'29.01"N</td><td>82°13'51.17"E</td></tr> <tr> <td>C</td><td>25°04'25.10"N</td><td>82°13'49.01"E</td></tr> <tr> <td>D</td><td>25°04'23.98"N</td><td>82°13'49.63"E</td></tr> <tr> <td>E</td><td>25°04'21.30"N</td><td>82°13'46.91"E</td></tr> <tr> <td>F</td><td>25°04'22.09"N</td><td>82°13'45.32"E</td></tr> </tbody> </table>	Point	Latitude	Longitude	A	25°04'30.20"N	82°13'48.30"E	B	25°04'29.01"N	82°13'51.17"E	C	25°04'25.10"N	82°13'49.01"E	D	25°04'23.98"N	82°13'49.63"E	E	25°04'21.30"N	82°13'46.91"E	F	25°04'22.09"N	82°13'45.32"E
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E	25°04'21.30"N	82°13'46.91"E																					
F	25°04'22.09"N	82°13'45.32"E																					
15.	Total Geological Reserves	3,37,870 m ³																					
16.	Total Mineable Reserve	1,06,748 m ³																					
17.	Total Proposed Production	1,01,200 m ³ (5 Year)																					
18.	Proposed Production /year (as per LoI)	20,240 m ³																					
19.	Sanctioned Period of Mine lease	20 years																					
20.	Production of mine/day	68 m ³																					
21.	Method of Mining	Opencast semi-mechanized																					
22.	No. of working days	300																					

23.	Working hours/day	8
24.	No. of worker	44
25.	No. of vehicles movement/day	9
26.	Type of Land	Govt./Non Forest Land
27.	Ultimate of Depth of Mining	6.0 m (For Mining Plan Period)
28.	Nearest metalled road from site	0.45 km
29.	Water Requirement	PURPOSE
		Drinking 0.44 KLD
		Suppression of dust 5.4 KLD
		Plantation 0.25 KLD
		Others (if any) 0.00 KLD
		Total 6.09 KLD
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	Paramarsh Servicing Environment and development NABET/EIA/2124/RA 0224, Valid till – 01/05/2024
31.	Any litigation pending against the project or land in any court.	No
32.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No- 754/Khanij/2020-2, dated 06/03/2021
33.	Details of Lease Area in approved DSR	Serial no. 379,380, Page no. 38
34.	Project Cost	1.20 Crore
35.	Proposed CER cost	2.40 lacs
36.	Proposed EMP cost	8.56 lacs
37.	Length and breadth of Haul Road	Length – 0.45 km, Breadth – 6.00 m
38.	No. of Trees to be Planted	250

- The mining would be restricted to the unsaturated zone only above the phreatic water table and will not intersect the groundwater table at any point in time.
- The mining operation will not be carried out in the safety zone of any bridge or embankment or eco-fragile zone such as the 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 project proponent/consultant (EIA Coordinator) also informed that they submitted an affidavit dated 25/04/2022 mentioning is as follows:

- I Dr. Abdul Rahman is EIA Coordinator of M/s Paramarsh Servicing Environment and Development.
- I have prepared EIA/EMP report for the Proposal No. SIA/UP/MIN/215315/2021 with my team.
- I have personally visited the site of proposal.
- I have satisfied with that all the necessary data/information required for EIA/EMP presentations are true and correct.
- I certify that no mining activity has been undertaken on the project site for the present proposal.
- I certify that this project has been uploaded for this first time on Parivesh portal. In case the project has been uploaded again due to any reason, the withdrawals of previous project have been accepted by SEIAA, UP on Parivesh Portal.
- I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.

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-2 to these minutes. The committee also stipulated the following specific conditions:

1. The project proponent shall install solar light in their site office.
2. 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.
3. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
4. 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
5. 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.
6. 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.
7. 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.
8. 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.
9. 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.
10. 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.
11. The project proponent should explore the possibilities of rainwater harvesting.

3. Stone (Khanda, Boulder & Gitti) Mining at Gata No.-244, Khand No.-01, Village-Musawali, Tehsil-Moth, Jhansi, Smt. Khushbu Yadav., M/s Brij Construction Company, area-1.821 ha. File No. 6451/Proposal No. SIA/UP/MIN/220273/2021

The committee noted that the matter was earlier listed in 613th SEAC meeting dated 28/12/2021 and the project proponent did not appear in the meeting. The project proponent vide letter dated 07/03/2022 have requested to list the matter in next SEAC meeting and the matter was listed in 645th SEAC meeting dated 20/04/2022.

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 Globus Environment Engineering Services. 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 Stone (Khanda, Boulder & Gitti) Mining at Gata No.-244, Khand No.-01, Village-Musawali, Tehsil-Moth, Jhansi, U.P., (Leased area-1.821 ha.), M/s Brij Construction Company.
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/220273/2021
2. File no. allotted by SEIAA, UP	6451
3. Name of Proponent	M/s Shree Braj Construction Company Smt Khushbu Yadav W/o Shri Neelesh
4. Full correspondence address of	17, Kamal Residency, Shivaji nagar,

proponent and mobile no.	District:Jhansi(U.P)		
5. Name of Project	Khandas-Boulder /Gitti-Ballast Mining Project		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 244 (Khand - 01)		
7. Name of River	-		
8.Name of Village	Musawali,		
9. Tehsil	Moth		
10.District	Jhansi, U.P.		
11. Name of Minor Mineral	Building Stone “Khanda, Boulder, Gitti, Ballast ”		
12. Sanctioned Lease Area (in Ha.)	Total Lease Area: 1.821Ha		
13. Mineable Area (in Ha.)	1.821 Ha		
14. Zero Level mRL	-		
15. Max. & Min mRL within lease area	Highest Point :183mRL Lowest Point :170mRL		
16. Pillar Coordinates (Verified by DMO)	Sanction Lease Area Co-ordinate		
(Source: Verified Khasra Map)	Pillars	Latitude (N)	Longitude (E)
	A	25°36'8.85"N	78°54'9.72"E
	B	25°36'9.24"N	78°54'15.83"E
	C	25°36'7.18"N	78°54'17.03"E
	D	25°36'6.17"N	78°54'16.82"E
	E	25°36'4.50"N	78°54'14.76"E
	F	25°36'5.09"N	78°54'13.20"E
	G	25°36'4.67"N	78°54'12.09"E
	H	25°36'6.27"N	78°54'12.31"E
17. Total Geological Reserves (Source: Approved Mining Plan)	6,84,270 m ³		
18. Total Mineable Reserves (Source: Approved Mining Plan)	3,83,480 m ³		
19. Total Proposed Production (in five years)	2,73,150 m ³		
20. Proposed Production/year	54,630 m ³ per annum		
21. Sanctioned Period of Mine lease	20 years		
22. Method of Mining	Opencast, semi-mechanized		
23. No. of Working days	260 Days		
24. Working hours/day	8 -10 hours/day		
25. No. Of Workers	55		
26. No. of vehicles movement/day	15 Units (Assumed Loading Capacity: 40 T/Unit)		
27. Type of Land	State Government Land		
28. Ultimate Depth of Mining	24 m (183mRL – 159mRL) (Source: Approved Mining Plan)		
29. Nearest metalled road from site	860 m		
30. Water Requirement	Purpose	Requirement (KLD)	
	Drinking	0.275	
	Suppression of Dust	12.04	
	Plantation	3.60	
	Total	15.915	
31. Name of QCI Accredited Consultant with QCI No. and period of validity.	GLOBUS ENVIRONMENT ENGINEERING SERVICES Certificate No. NABET/EIA/1821/IA0034, Valid Till June 23/2022		
32. Any litigation pending against the project or hand in any court	No		
33. Details of 500 m Cluster Map & certificate issued by Mining Officer	Cluster certificate issued by DMO (Mining Section), Jhansi Letter No. 1737/30एम. एम. सी/2020-21, Date - 18/12/2020		
34. Details of Lease Area in approved DSR	Amendment Letter No.: 731/30एम. एम. सी /2020-2021 date:31-07-2020, Pg No. 4, Sr. No. 51,		
35. Proposed CER Cost	Rs. 4.55 Lakhs (2% of the total Project Cost)		
36. Proposed EMP Cost	Rs. 19.45 Lakhs		
37. Length and width of Approach Road	Length 860 m & Width 7 m		
38. No. of Trees to be Planted	1800 Trees		

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

The project proponent/consultant (EIA Coordinator) also informed that they submitted an affidavit dated 10/08/2021 mentioning is as follows:

1. I, Akhilsh Gupta S/o Sri Omkar Gupta is EIA Coordinator of Globus Environment Engineering Services.
2. I have prepared EMP report for the Proposal No.- SIA/UP/MIN/220273/202, of the client Shri Jai Singh S/o Shri Mahendra Singh for the "Building Stone Stone (Khanda, Boulder & Gitti) Mining at Gata No.-244, Khand No.-01, Village-Musawali, Tehsil-Moth, Jhansi, U.P., area-1.821 ha. with my team.
3. I have personally visited the site of proposal.
4. I have satisfied with that all the necessary data/information required for EMP preparations are true and correct.
5. I certify that no mining activity has been undertaken on the project site for the present proposal.
6. I certify that this project has been uploaded for the first time on Parivesh Portal.
7. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.

RESOLUTION AGAINST AGENDA NO. 03

Dr. Ajai Mishra, Member, SEAC-1 recused during the appraisal of this proposal. The remaining 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. The project proponent shall install solar light in their site office.
2. 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.
3. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
4. 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
5. 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.
6. 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.
7. 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.

8. 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.
9. 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.
10. 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.
11. The project proponent should explore the possibilities of rainwater harvesting.

4. Khanda-Boulder/Gitti-Ballast Mining at Gata No-98, (Khand 03), Village-Karanpura, Tehsil-Garautha, Jhansi., Shri Bharat Premani,Area 0.8090 ha. File No. 6712/Proposal No. SIA/UP/MIN/241319/2021

RESOLUTION AGAINST AGENDA NO-04

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

5. Stone, Khanda, Boulder, Gitti Mining at Aaraji No: 989 (Khand No. 13), Village:Makarbai,Sadar, Mahoba, Smt.SheelSingh Chandel,Area:1.214 ha. File No. 6377/Proposal No. SIA/UP/MIN/64051/2021

RESOLUTION AGAINST AGENDA NO. 05

The project proponent is not present in the meeting. The authorized representative of project proponent is not well versed about the project proposal. Therefore, the SEAC decline to appraise the case in this meeting. The case will be listed in next SEAC meeting.

6. Stone Khandas, Gitti, Boulder & Red Morrum Mining at Khand No. 01, Gata No. 387, Village: Tooka, Tehsil: Rath, District: Hamirpur, Smt. Dolly Rajput, Area: 2.02 Ha. File No. 6230/Proposal No. SIA/UP/MIN/61177/2021

RESOLUTION AGAINST AGENDA NO-06

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

7. Stone (Sand stone) Mining at Gata No. -188/1, Village- Lahaura, Tehsil-Chunar,District- Mirzapur. Shri Shyam Bahadur Singh, Area- 1.616 Ha. File No. 6426/Proposal No. SIA/UP/MIN/60055/2021

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 environment clearance is sought for Stone (Sand stone) Mining at Gata No. -188/1, Village- Lahaura, Tehsil-Chunar, District- Mirzapur, U.P., (Leased Area- 1.616 Ha.).
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 316/Parya/SEIAA/6426/2021, dated 22/11/2021.
3. The public hearing was organized on 22/01/2022. Final EIA report submitted by the project proponent on 26/02/2022.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/60055/2021		
2. File No. allotted by SEIAA, UP	6426		
3. Name of Proponent	Shri. Shyam Bahadur Singh S/o Shri Jawahir Singh		
4. Full correspondence address of proponent and mobile no.	R/o- Near Hydell Colony, Danghar District- Mirzapur (U.P.)		
5. Name of Project	Building Stone (Sand Stone) Mining Project		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 188/1		
7. Name of River	NA		
8. Name of Village	Lahaura		
9. Tehsil	Chunar		
10. District	Mirzapur (U.P)		
11. Name of Minor Mineral	Building Stone (Sand Stone) Mining Project		
12. Sanctioned Lease Area (in Ha.)	1.616 Ha.		
13. Mineable Area (in Ha.)	1.2 ha. (Safety area 0.416 Ha)		
14. Zero level mRL	NA		
15. Max. & Min mrl within lease area	Maximum mRL 143 mRL Minimum mRL 31 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillar	Latitude(N)	Longitude(E)
	A	25°00'00.20"N	82°45'21.10"E
	B	25°00'04.80"N	82°45'24.00"E
	C	25°00'05.10"N	82°45'27.00"E
	D	24°59'59.30"N	82°45'23.80"E
17. Total Geological Reserves	4,61,315 m ³ /year		
18. Total Mineable Reserves	48,480 m ³ per year as per LOI		
19. Total Proposed Production (in four year)	1,93,920 m ³		
	Year	Proposed production Cum (as per approved mining plan)	Salable quantity in cum
	1 st year	48,480	48528
	2 nd year	48,480	48492
	3 rd year	48,480	48483
	4 th year	48,480	45603
	Total	193920	191106
20. Proposed Production/year	48480 m ³ per year		
21. Sanctioned Period of Mine lease	10 Year		
22. Production of mine/day	NA		
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	28		
27. No. Of vehicles movement/day	14-15 Vehicles movement/day		
28. Type of Land	Building Stone (Sand Stone) Mining Project		
29. Ultimate Depth of Mining	30.0 m for four year as per approved mining plan		
30. Nearest metalled road from site	NH-7 is about 9.39 km towards North direction from the project site.		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking water	0.38 KLD	
	Suppression of dust	2.385 KLD	
	Plantation	2.0 KLD	

	Others (if any)	-
	Total	4.765 KLD approx.
32. Name of QCI Accredited Consultant with QCI No And period of validity.	Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/EIA/1922/RA0200 and valid up to 30 Dec. 2022	
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. - 1537/Khanij/क्र० सं०/2020-21 date 12/1/2021	
35. Details of Lease Area in approved DSR	Page 38 serial 10	
36. Proposed EMP cost	Rs 11,32,180/-	
37. Total Project cost	Rs. 95,00,000/-	
38. Length and breadth of Haul Road	265 m length and 6.0 m width	
39. No. of Trees to be Planted	2000	
40. Monitoring Period	1 March 2021 to 31 May 2021 (Summer Season).	

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

The project proponent/consultant (EIA Coordinator) also informed that they submitted an affidavit dated 20/04/2022 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, valid till- 30/12/2022.
2. I have prepared EIA/EMP report for the Proposal No. SIA/UP/MIN/60055/2021 (File No. - 6426) of Building Stone (Sand Stone) Mining Project of Gata No. 188/1, total lease area- 1.616 Ha. located at Village- Lahaura, Tehsil- Chunar & District- Mirzapur (U.P) with my team.
3. I have personally visited the site of 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 no mining activity has been undertaken on the project site for the present proposal.
6. I certify that this project has been uploaded for this first time on Parivesh portal. In case the project has been uploaded again due to any reason, the withdrawals of previous project have been accepted by SEIAA, UP on Parivesh Portal.
7. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.
8. 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.

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-2 to these minutes. The committee also stipulated the following specific conditions:

1. The project proponent shall install solar light in their site office.
2. 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.

3. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
4. 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
5. 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.
6. 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.
7. 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.
8. 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.
9. 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.
10. 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.
11. The project proponent should explore the possibilities of rainwater harvesting.

8. Stone (Sand stone) Mining at Gata No.- 188/1, Village- Lahaura, Tehsil-Chunar, Mirzapur, Smt. Anju Singh, Area-1.01 Ha. File No. 6954/6345/Proposal No. IA/UP/MIN/72667/2021

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 environment clearance is sought for Stone (Sand stone) Mining at Gata No.- 188/1, Village- Lahaura, Tehsil-Chunar, Mirzapur, U.P., (Leased Area-1.01 Ha.).
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 255/Parya/SEIAA/6345/2021, dated 12/10/2021.
3. The public hearing was organized on 22/01/2022. Final EIA report submitted by the project proponent on 26/02/2022.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/72667/2021
2. File No. allotted by SEIAA, UP	6954-6345
3. Name of Proponent	Smt. Anju Singh w/o Shri Yogendra Pratap Singh
4. Full correspondence address of proponent and mobile no.	R/o- Lahaura, Pahiti District-Mirzapur (U.P.)
5. Name of Project	Building Stone (Sand Stone) Mining Project
6. Project location (Plot/Khasra/Gata No.)	Gata No. 188/1
7. Name of River	NA
8. Name of Village	Lahaura

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9. Tehsil	Chunar		
10. District	Mirzapur (U.P)		
11. Name of Minor Mineral	Building Stone (Sand Stone)Mining Project		
12. Sanctioned Lease Area (in Ha.)	1.01 Ha.		
13. Mineable Area (in Ha.)	0.611 ha.(Safety area 0.399 Ha)		
14. Zero level mRL	NA		
15. Max. & Min mrl within lease area	Maximum mRL 169 mRL Minimum mRL 145 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillar	Latitude(N)	Longitude(E)
	A	24°59'58.00"N	82°45'42.60"E
	B	24°59'56.30"N	82°45'42.60"E
	C	24°59'57.00"N	82°45'34.40"E
	D	24°59'58.90"N	82°45'34.60"E
17. Total Geological Reserves	414757 m ³ /year		
18. Total Mineable Reserves	30300 m ³ per year as per LOI		
19. Total Proposed Production (in four year)	Year	Production (saleable mineral) cum As per approved mining plan	Total salable mineral cum
	1 st Year	30300	30303
	2 nd Year	30300	30335
	3 rd Year	30300	30,438
	4 th year	28125	28125
	Total mineral for 4 Years	119025	119201
20. Proposed Production/year	30300 m ³ per year		
21. Sanctioned Period of Mine lease	10 Year		
22. Total quantity issued for lease period of 10 years as per LOI	3,03,000 m ³ for lease period of 10 years		
23. Production of mine/day	NA		
24. Method of Mining	Open cast, Semi-mechanized		
25. No. of working days	250		
26. Working hours/day	8 hours/day		
27. No. Of workers	24		
28. No. Of vehicles movement/day	9-10 Vehicles movement/day		
29. Type of Land	Building Stone (Sand Stone)Mining Project		
30. Ultimate Depth of Mining	30.0 m for four year as per approved mining plan		
31. Nearest metalled road from site	NH-7 is about 9.39 km towards North direction from the project site.		
32. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking water	0.34 KLD	
	Suppression of dust	2.40 KLD	
	Plantation	1.01 KLD	
	Others (if any)	-	
Total	3.75 KLD or 3.8 KLD approx.		
33. Name of QCI Accredited Consultant with QCI No And period of validity.	Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/EIA/1922/RA0200 and valid up to 30 Dec 2022		
34. Any litigation pending against the project or land in any court	No		
35. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. - 1235/Khanij/क्र० सं०/2020-21 date 12/1/2021		
36. Details of Lease Area in approved DSR	Page No 38, Sr. 12		
37. Proposed EMP cost	Rs 8,43,180/-		
38. Total Project cost	Rs. 90,00,000/-		
39. Length and breadth of Haul Road	200 m length and 6.0 m width		
40. No. of Trees to be Planted	1010		
41. Proposed Monitoring Period	1 March 2021 to 31 May 2021 (Summer Season)		

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

The project proponent/consultant (EIA Coordinator) also informed that they submitted an affidavit dated 20/04/2022 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, valid till- 30/12/2022.
2. I have prepared EIA/EMP report for the Proposal No. SIA/UP/MIN/72667/2021 (File No. - 6954-6345) of Building Stone (Sand Stone) Mining Project of Gata No. 188/1, total lease area- 1.01 Ha. located at Village- Lahaura, Tehsil- Chunar & District- Mirzapur (U.P) with my team.
3. I have personally visited the site of 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 no mining activity has been undertaken on the project site for the present proposal.
6. I certify that this project has been uploaded for this first time on Parivesh portal. In case the project has been uploaded again due to any reason, the withdrawals of previous project have been accepted by SEIAA, UP on Parivesh Portal.
7. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.
8. 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.

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-2 to these minutes. The committee also stipulated the following specific conditions:

1. The project proponent shall install solar light in their site office.
2. 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.
3. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
4. 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
5. 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.
6. 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.
7. 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.

8. 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.
9. 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.
10. 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.
11. The project proponent should explore the possibilities of rainwater harvesting.

9. Stone (Sand stone) Mining at Gata No. -188/1, Village- Lahaura, Tehsil-Chunar, District- Mirzapur, Shri Shyam Bahadur Singh, Area- 1.616 Ha. File No. 6955/6346/Proposal No. SIA/UP/MIN/72679/2021

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 environment clearance is sought for Stone (Sand stone) Mining at Gata No. -188/1, Village- Lahaura, Tehsil-Chunar, District- Mirzapur, U.P., (Leased Area- 1.616 Ha.).
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 296/Parya/SEIAA/6346/2021, dated 27/10/2021.
3. The public hearing was organized on 22/01/2022. Final EIA report submitted by the project proponent on 26/02/2022.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/72679/2021		
2. File No. allotted by SEIAA, UP	6955-6346		
3. Name of Proponent	Shri. Shyam Bahadur Singh S/o Shri Jawahir Singh		
4. Full correspondence address of proponent and mobile no.	R/o- Near Hydell Colony, Danghar District- Mirzapur (U.P.)		
5. Name of Project	Building Stone (Sand Stone) Mining Project		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 188/1		
7. Name of River	NA		
8. Name of Village	Lahaura		
9. Tehsil	Chunar		
10. District	Mirzapur (U.P)		
11. Name of Minor Mineral	Building Stone (Sand Stone) Mining Project		
12. Sanctioned Lease Area (in Ha.)	1.616 Ha.		
13. Mineable Area (in Ha.)	1.2 ha. (Safety area 0.416 Ha)		
14. Zero level mRL	NA		
15. Max. & Min mrl within lease area	Maximum mRL 156 mRL Minimum mRL 134mRL		
16. Pillar Coordinates (Verified by DMO)	Pillar	Latitude(N)	Longitude(E)
	A	25°00'04.50"N	82°45'29.80"E
	B	24°59'58.30"N	82°45'26.60"E
	C	24°59'59.30"N	82°45'23.80"E
	D	25°00'05.10"N	82°45'27.00"E
17. Total Geological Reserves	64,04,94 m ³ /year		
18. Total Mineable Reserves	48,480 m ³ per year as per LOI		
19. Total Proposed Production (in five year)	Year	Proposed production Cum as per approved mining plan(cum)	Salable quantity in cum

	1 st year	48,480	48506
	2 nd year	48,480	48582
	3 rd year	48,480	48456
	4 th year	48,480	48762
	5 th year	47556	47556
	Total	241476	241862
20. Proposed Production/year	48480 m ³ per year		
21. Sanctioned Period of Mine lease	10 Year		
22. Total quantity issued for lease period of 10 years as per LOI	4,84,800 m ³ for lease period of 10 years		
23. Production of mine/day	NA		
24. Method of Mining	Open cast, Semi mechanized		
25. No. of working days	250		
26. Working hours/day	8 hours/day		
27. No. Of workers	28		
28. No. Of vehicles movement/day	14-15 Vehicles movement/day		
29. Type of Land	Building Stone (Sand Stone)Mining Project		
30. Ultimate Depth of Mining	30.0 m for five year as per approved mining plan		
31. Nearest metalled road from site	NH-7 is about 9.39 km towards North direction from the project site.		
32. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking water	0.38 KLD	
	Suppression of dust	2.385 KLD	
	Plantation	1.616 KLD	
	Others (if any)	-	
	Total	4.381 KLD or 4.4KLD approx	
33. Name of QCI Accredited Consultant with QCI No And period of validity.	Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/EIA/1922/RA0200 and valid up to 30 Dec 2022		
34. Any litigation pending against the project or land in any court	No		
35. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. - 1536/Khanij/क्र० सं०/2020-21 date 12/1/2021		
36. Details of Lease Area in approved DSR	Page 38 serial 10		
37. Proposed EMP cost	Rs. 11,18,922/-		
38. Total Project cost	Rs. 95,00,000		
39. Length and breadth of Haul Road	265 m length and 6.0 m width		
40. No. of Trees to be Planted	1616		
41. Monitoring period of baseline data	1 March 2021 to 31 May 2021 (Summer Season).		

- The mining would be restricted to the unsaturated zone only above the phreatic water table and will not intersect the groundwater table at any point in time.
- The mining operation will not be carried out in the safety zone of any bridge or embankment or eco-fragile zone such as the 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 project proponent/consultant (EIA Coordinator) also informed that they submitted an affidavit dated 20/04/2022 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, valid till- 30/12/2022.
- I have prepared EIA/EMP report for the Proposal No. SIA/UP/MIN/72679/2021 (File No. - 6955-6346) of Building Stone (Sand Stone) Mining Project of Gata No. 188/1, total lease area- 1.616 Ha. located at Village- Lahaura, Tehsil- Chunar & District- Mirzapur (U.P) with my team.
- I have personally visited the site of 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 no mining activity has been undertaken on the project site for the present proposal.
6. I certify that this project has been uploaded for this first time on Parivesh portal. In case the project has been uploaded again due to any reason, the withdrawals of previous project have been accepted by SEIAA, UP on Parivesh Portal.
7. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.
8. 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.

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-2 to these minutes. The committee also stipulated the following specific conditions:

1. The project proponent shall install solar light in their site office.
2. 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.
3. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
4. 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
5. 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.
6. 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.
7. 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.
8. 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.
9. 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.
10. 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.
11. The project proponent should explore the possibilities of rainwater harvesting.

10. Stone (Khanda, Boulder, Bailast & Gitti) Mining at Gata No. 989, Khand No.-09, at Village- Makarbai, Tehsil-Sadar, Mahoba., Smt. Usha Vajpayee., area-0.809 ha. File No. 6961/6379/Proposal No. SIA/UP/MIN/72481/2021

RESOLUTION AGAINST AGENDA NO. 10

The project proponent is not present in the meeting. The authorized representative of project proponent is not well versed about the project proposal. Therefore, the SEAC decline to appraise the case in this meeting. The case will be listed in next SEAC meeting.

11. Stone (Khanda / Gitti / Boulder / Pahadi Lal Morrum Mining at Gata No.-1078 (Khand No.-27, Village- Gonda, Tehsil-Karwi, District- Chitrakoot, Shri Lakhan Singh., Area- 3.036 Ha. File No. 6963/Proposal No. SIA/UP/MIN/72813/2022

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

1. The terms of reference is sought for Stone (Khanda / Gitti / Boulder / Pahadi Lal Morrum Mining at Gata No.-1078 (Khand No.-27, Village- Gonda, Tehsil-Karwi, District- Chitrakoot, U.P. (Leased Area- 3.036 Ha.
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/72813/2022		
2. File No. allotted by SEIAA, UP	6963		
3. Name of Proponent	Shri Lakhan Singh S/o Shri Chunkawan Singh		
4. Full correspondence address of proponent and mobile no.	R/o- Beehar Majra, Pahara, Thana – Bharatkoop, Tehsil-Karwi, District-Chitrakoot, Uttar Pradesh.		
5. Name of Project	Granite (Khanda / Gitti / Boulder / Pahadi Lal Morrum) Mining Project		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 1078, Khand No- 27		
7. Name of River	NA		
8. Name of Village	Gonda		
9. Tehsil	Karwi		
10. District	Chitrakoot (U.P)		
11. Name of Minor Mineral	Granite (Khanda / Gitti / Boulder / Pahadi Lal Morrum) Mining Project		
12. Sanctioned Lease Area (in Ha.)	3.036 Ha.		
13. Mineable Area (in Ha.)	2.9246 Ha.(Safety area 0.1114 Ha.)		
14. Max. & Min mrl within lease area	Maximum mRL 240 mRL Minimum mRL 222 mRL		
15. Pillar Coordinates (Verified by DMO)	Pillar	Latitude(N)	Longitude(E)
	A	25°11.882'N	80°44.063'E
	B	25°11.799'N	80°44.195'E
	C	25°11.761'N	80°44.165'E
	D	25°11.808'N	80°44.023'E
16. Total Geological Reserves	10,11,380 m ³		
17. Total Mineable Reserves	91,080 m ³ per year as per LOI		
18. Total Proposed Production (in five year)	4,55,400 m ³		
19. Proposed Production/year	91,080 m ³ per year		
20. Sanctioned Period of Mine lease	20 Year		
21. Production of mine/day	NA		
22. Total quantity issued for lease period of 20 years as per LOI	18,21,600 m ³ for lease period of 20 years		

23. Method of Mining	Open Cast, Semi-Mechanized	
24. No. of working days	250	
25. Working hours/day	8 hours/day	
26. No. Of workers	25	
27. No. Of vehicles movement/day	18-19 Vehicles movement/day	
28. Type of Land	Government Land(Stony area)	
29. Ultimate Depth of Mining	42.0 m for five year as per approved mining plan	
30. Nearest metalled road from site	NH-35 which is 2.20 km towards North direction from the project site.	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking water	0.35 KLD
	Suppression of dust	2.70 KLD
	Plantation	3.036 KLD
	Others (if any)	-
	Total	6.086 KLD (. 6.1 KLD Approx.)
32. Name of QCI Accredited Consultant with QCI No And period of validity.	Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/EIA/1922/RA0200 and valid up to 30 Dec. 2022	
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. - 1269/खनिज/2021-22 date 17/01/2022	
35. Details of Lease Area in approved DSR	Letter No- 1404/ खनिज/2021-22 date 23/03/2022	
36. Proposed EMP cost	Rs 14,74,160/-	
37. Total Project cost	Rs. 2,65,00,000/-	
38. Length and breadth of Haul Road	300 m length and 6.0 m width	
39. No. of Trees to be Planted	3036	
40. Monitoring Period	1/03/2022 to 31/5/2022(Summer Season)	

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

The project proponent/consultant (EIA Coordinator) also informed that they submitted an affidavit dated 21/04/2022 mentioning is as follows:

- I Dr.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, valid till- 30/12/2022.
- I have prepared TOR Project for the Proposal No. SIA/UP/MIN/72813/2022 (FILE NO:6963) of Granite, Gitti, Khanda, Boulder & Pahadi Laal Morrum Mining Project of Gata No. 1078, Khand No.- 27, total lease area- 3.036 Ha. located at Village: Gonda, Tehsil: Karwi, District: Chitrakoot, State: Uttar Pradesh with my team.
- I have personally visited the site of proposal.
- I have satisfied with that all the necessary data/information required for TOR Project presentations are true and correct.
- I certify that no mining activity has been undertaken on the project site for the present proposal.

6. I certify that this project has been uploaded for this first time on Parivesh portal. In case the project has been uploaded again due to any reason, the withdrawals of previous project have been accepted by SEIAA, UP on Parivesh Portal.
7. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.

RESOLUTION AGAINST AGENDA NO. 11

The committee discussed the matter and recommended to issue the standard terms of reference for the preparation of EIA as annexed at Annexure-1 to the minutes. The committee also stipulated following additional TOR Points:

Additional TOR:

1. To ensure proper monitoring, the project proponent/consultant should provide evidence in for of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc.
2. EIA coordinator & FAE should give a photo affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigative measures for any critical issues involved in the project.
3. Combined KML of all mines in a cluster should be submitted at the time of EIA.
4. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
5. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
6. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
7. Proponent/ Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
8. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
9. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.

12. Granite Dimensional Stone Mining at Araj No- 132, 133, (Khand -01), Village Kala Pahar, District-Lalitpur, Shri Ravaraja., Area 1.072 Ha. File No. 6964/Proposal No. SIA/UP/MIN/72869/2022

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

1. The terms of reference is sought for Granite Dimensional Stone Mining at Araj No- 132, 133, (Khand -01), Village Kala Pahar, District-Lalitpur, U.P., (Leased Area 1.072 Ha.).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/72869/2022
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2. File No. allotted by SEIAA, UP	6964		
3. Name of Proponent	Shri Ravraja S/o- Shri Seetal Singh		
4. Full correspondence address of proponent and mobile no.	R/O-village Jugpura, Devragh Road District-lalitpur (U.P.)		
5. Name of Project	Granite Dimensional Stone Mining Project		
6. Project location (Plot/Khasra/Gata No.)	Araji No- 132, 133 (Khand -01)		
7. Name of River	NA		
8. Name of Village	Kala Pahar		
9. Tehsil	Lalitpur		
10. District	Lalitpur (U.P.)		
11. Name of Minor Mineral	Granite Dimensional Stone Mining Project		
12. Sanctioned Lease Area (in Ha.)	1.072 Ha.		
13. Mineable Area (in Ha.)	0.7417 Ha. (safety margin 0.3303 Ha)		
14. Zero level mRL	NA		
15. Max. & Min mrl within lease area	Max. & Min 334 mRL & 331 mRL respectively.		
16. Pillar Coordinates (Verified by DMO)	Pillar	Latitude	Longitude
	A	24°45'42.60"N	78°17'30.37"E
	B	24°45'42.55"N	78°17'37.00"E
	C	24°45'40.20"N	78°17'36.76"E
	D	24°45'40.94"N	78°17'33.80"E
	E	24°45'41.00"N	78°17'30.97"E
17. Total Geological Reserves	1,47,096 m ³		
18. Sanction Production as per LOI	215 m ³ per year		
19. Total Proposed Production (in five year)	1075 m ³		
20. Proposed Production/year	215 m ³ per year		
21. Sanctioned Period of Mine lease	20 Year		
22. Total quantity issued for lease period of 20 years as per LOI	4,300 m ³ for lease period of 20 years		
23. Production of mine/day	NA		
24. Method of Mining	Open cast, Semi-Mechanized		
25. No. of working days	250		
26. Working hours/day	8 hours/day		
27. No. Of workers	Approximately 16 workers		
28. No. Of vehicles movement/day	Approximately 1-2 movements per day.(Vehicles such as Truck dumper/tipper, Tractor Trolleys, etc. will be in use)		
29. Type of Land	Government Land(rocky Barren)		
30. Ultimate Depth of Mining	1.5 m per year as per approved mining plan		
31. Nearest metalled road from site	Unnamed metaled Road about 0.16km towards South direction		
32. Water Requirement	PURPOSE		REQUIREMENT (KLD)
	Drinking		0.26 KLD
	Suppression of dust		3.84 KLD
	Plantation		1.072 KLD
	Others (if any)		-
	Total		5.172 KLD (5.2 KLD approx.)
33. Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/ EIA/ 1922/RA 0200 and valid up to 30/12/2022		
34. Any litigation pending against the project or land in any court	NO		
35. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 177/30 -MINES/2021-22, on Dated 16/08/2021		
36. Details of Lease Area in approved DSR	Amendment Letter No. 7865/ 30-Mines/2019-20 on Dated 06/02/2020 Sl.No:03		
37. Proposed EMP cost	Rs 11,37,128		
38. Proposed Total Project cost	Rs. 70,00,000/-		
39. Length and breadth of Haul Road	160 m length and 6 m width		
40. No. of Trees to be Planted	1072		

3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.

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

The project proponent/consultant (EIA Coordinator) also informed that they submitted an affidavit dated 21/04/2022 mentioning is as follows:

1. I Dr.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, valid till- 30/12/2022.
2. I have prepared TOR Project for the Proposal No. SIA/UP/MIN/ 72869/2022 (FILE NO:6964) of Granite Dimensional Stone Mining Project of Arajai No- 132, 133 (Khand -01), total lease area- 1.072 Ha. located at Village: Kala Pahar, Tehsil: Lalitpur, District: Lalitpur, State: Uttar Pradesh with my team.
3. I have personally visited the site of proposal.
4. I have satisfied with that all the necessary data/information required for TOR Project presentations are true and correct.
5. I certify that no mining activity has been undertaken on the project site for the present proposal.
6. I certify that this project has been uploaded for this first time on Parivesh portal. In case the project has been uploaded again due to any reason, the withdrawals of previous project have been accepted by SEIAA, UP on Parivesh Portal.
7. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.

RESOLUTION AGAINST AGENDA NO. 12

The committee discussed the matter and recommended to issue the standard terms of reference for the preparation of EIA as annexed at Annexure-1 to the minutes. The committee also stipulated following additional TOR Points:

Additional TOR:

1. To ensure proper monitoring, the project proponent/consultant should provide evidence in for of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc.
2. EIA coordinator & FAE should give a photo affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigative measures for any critical issues involved in the project.
3. Combined KML of all mines in a cluster should be submitted at the time of EIA.
4. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
5. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
6. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
7. Proponent/ Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source

- points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
8. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
 9. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.

13. Stone (Khanda, Boulder, Bailast (Gitti))” Mining at Gata No.- 638 (Khand No.- 02), Village- Ratauli, District- Mahoba, Shri Jai Singh. Area : 3.00 ha. File No. 6967/Proposal No. SIA/UP/MIN/72993/2022

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

1. The terms of reference is sought for “Building Stone (Khanda, Boulder, Bailast (Gitti))” Project at Gata No.- 638 (Khand No.- 02), Village- Ratauli, Tehsil- Mahoba, District- Mahoba, U.P., (Leased Area- 3.0 ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/72993/2022		
2.	File No. allotted by SEIAA, UP	6967		
3.	Name of Proponent	Shri Jai Singh S/o Shri Mahendra Singh		
4.	Full correspondence address of proponent	R/o- Gohari Vivek Nagar, Kabrai, Tehsil & District- Mahoba, U.P.		
5.	Name of Project	Building Stone (Khanda, Boulder, Bailast (Gitti)) Mining Project		
6.	Project location (Plot/ Khasra /Gata No.)	Gata No.- 638 (Khand No.- 02)		
7.	Name of Village	Ratauli		
8.	Tehsil	Mahoba		
9.	District	Mahoba		
10.	Name of Minor Mineral	Building Stone (Khanda, Boulder, Bailast (Gitti))		
11.	Sanctioned Lease Area (in Ha.)	3.0 ha.		
12.	Max.& Min mRL within lease area	217 mRL- 181 mRL		
13.	Pillar Coordinates(Verified by DMO)	Pillars	Latitude (N)	Longitude (E)
		A	25° 19' 12.673"N	79° 59' 54.686"E
		B	25° 19' 08.285"N	80° 00' 04.222"E
		C	25° 19' 06.164"N	80° 00' 02.541"E
		D	25° 19' 06.427"N	79° 59' 59.586"E
		E	25° 19' 05.588"N	79° 59' 57.851"E
		F	25° 19' 06.913"N	79° 59' 56.313"E
		G	25° 19' 08.479"N	79° 59' 56.543"E
		H	25° 19' 09.937"N	79° 59' 55.655"E
		I	25° 19' 10.963"N	79° 59' 56.000"E
		J	25° 19' 11.859"N	79° 59' 54.959"E
14.	Total Geological Reserves	2701431 m ³		
15.	Total Mineable Reserves	980122 m ³		
16.	Total Proposed Production (in five year)	450000 m ³		
17.	Proposed Production / year	Year	Building Stone (Khanda, Boulder, Bailast (Gitti))	
		1 st	90000 m ³	
		2 nd	90000 m ³	

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		3 rd	90000 m ³
		4 th	90000 m ³
		5 th	90000 m ³
		Total	450000 m ³
18.	Sanctioned Period of Mine lease	10 Years	
19.	Method of Mining	Opencast Semi-Mechanized	
20.	No.of working days	300 days	
21.	Working hours/day	8 Hours/Day	
22.	No.Of workers	37 (approx.)	
23.	No.Of vehicle movement /day	25 (approx.)	
24.	Type of Land	Govt. revenue land	
25.	Ultimate Depth of Mining	6 meter	
26.	Nearest metalled road from site	0.20 km	
27.	Water Requirement	PURPOSE	REQUIREMENT (KLD)
		Drinking & Others	0.40
		Suppression of dust	1.20
		Plantation	3.0
		Others(if any)	-----
		Total	4.60
28.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh (Servicing Environment and Development) ., Lucknow, U.P. QCI/NABET/EIA/2124/RA0224 Validity- May 01, 2024	
29.	Any litigation pending against the project or land in any court	No	
30.	Details of 500 m Cluster Map & certificate Verified by Mining Officer	DMO, Mahoba vide Letter No. 3320/MMC-30/2021-22 Dated 18 th January, 2022	
31.	Details of Lease Area in approved DSR	DM Correction Letter 8471/MMC-30-Khanij/2020-21 dated 10.03.2021 Page No.-02, S.No.- 16	
32.	Proposed CER cost	1.60 Lakh	
33.	Proposed EMP cost	22.0 Lakh	
34.	Length and breadth of Haul Road.	Length- 0.20 km, Width- more than 6.0 m	
35.	No. of Trees to be Planted	3000	

- 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 project proponent/consultant (EIA Coordinator) also informed that they submitted an affidavit dated 13/04/2022 mentioning is as follows:

- I, Pankaj Srivastava S/o Sri V.V. Srivastava EIA Coordinator of Paramarsh Servicing Environment and Development.
- I will prepare EIA/EMP report for the File No. - 6967, Proposal No.- SIA/UP/MIN/72993/2022, of the client Shri Jai Singh S/o Shri Mahendra Singh for the "Building Stone (Khanda, Boulder, Bailast (Gitti))" Project at Gata No.- 638 (Khand No.- 02), Village- Ratauli, Tehsil- Mahoba, District- Mahoba, U.P. (Applied Area : 3.00 ha.) with my team.
- I have personally visited the site of proposal.
- I have satisfied with that all the necessary data/information required for EIA/EMP preparations are true and correct.

5. I certify that no mining activity has been undertaken on the project site for the present proposal.
6. I certify that this project has been uploaded for the first time on Parivesh Portal. In case the project has been uploaded again due to any reason, the withdrawal of previous project has been accepted by SEIAA, UP on Parivesh Portal.
7. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.

RESOLUTION AGAINST AGENDA NO. 13

The committee discussed the matter and recommended to issue the standard terms of reference for the preparation of EIA as annexed at Annexure-1 to the minutes. The committee also stipulated following additional TOR Points:

Additional TOR:

1. To ensure proper monitoring, the project proponent/consultant should provide evidence in for of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc.
2. EIA coordinator & FAE should give a photo affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigative measures for any critical issues involved in the project.
3. Combined KML of all mines in a cluster should be submitted at the time of EIA.
4. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
5. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
6. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
7. Proponent/ Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
8. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
9. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.

14. Stone (Khanda, Boulder, Bailast, Gitti) Mining at Gata No.- 638 (Khand No.-01), Village- Ratauli, District- Mahoba, Shri Jai Singh. Area : 3.00 ha. File No. 6968/Proposal No. SIA/UP/MIN/72973/2022

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

1. The terms of reference is sought for “Building Stone (Khanda, Boulder, Bailast (Gitti))” Project at Gata No.- 638 (Khand No.- 01), Village- Ratauli, Tehsil- Mahoba, District- Mahoba, U.P., (Leased Area- 3.0 ha.).

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

1.	On-line proposal No.	SIA/UP/MIN/72973/2022		
2.	File No. allotted by SEIAA, UP	6968		
3.	Name of Proponent	Shri Jai Singh S/o Shri Mahendra Singh		
4.	Full correspondence address of proponent	R/o- Gohari Vivek Nagar, Kabrai, Tehsil & District- Mahoba, U.P.		
5.	Name of Project	Building Stone (Khanda, Boulder, Bailast (Gitti)) Mining Project		
6.	Project location (Plot/ Khasra /Gata No.)	Gata No.- 638 (Khand No.- 01)		
7.	Name of Village	Ratauli		
8.	Tehsil	Mahoba		
9.	District	Mahoba		
10.	Name of Minor Mineral	Building Stone (Khanda, Boulder, Bailast (Gitti))		
11.	Sanctioned Lease Area (in Ha.)	3.0 ha.		
12.	Max.& Min mRL within lease area	202 mRL- 181 mRL		
13.	Pillar Coordinates(Verified by DMO)	Pillars	Latitude (N)	Longitude (E)
		A	25 ^o 19' 15.524"N	79 ^o 59' 55.103"E
		B	25 ^o 19' 16.024"N	79 ^o 59' 55.961"E
		C	25 ^o 19' 15.870"N	79 ^o 59' 57.231"E
		D	25 ^o 19' 14.815"N	79 ^o 59' 59.874"E
		E	25 ^o 19' 11.971"N	80 ^o 00' 02.822"E
		F	25 ^o 19' 11.737"N	80 ^o 00' 04.143"E
		G	25 ^o 19' 08.285"N	80 ^o 00' 04.222"E
		H	25 ^o 19' 12.673"N	79 ^o 59' 54.686"E
I	25 ^o 19' 13.861"N	79 ^o 59' 54.460"E		
14.	Total Geological Reserves	2599167 m ³		
15.	Total Mineable Reserves	830829 m ³		
16.	Total Proposed Production (in five year)	450000 m ³		
17.	Proposed Production / year	Year	Building Stone (Khanda, Boulder, Bailast (Gitti))	
		1 st	90000 m ³	
		2 nd	90000 m ³	
		3 rd	90000 m ³	
		4 th	90000 m ³	
		5 th	90000 m ³	
		Total	450000 m ³	
18.	Sanctioned Period of Mine lease	10 Years		
19.	Method of Mining	Opencast Semi-Mechanized		
20.	No.of working days	300 days		
21.	Working hours/day	8 Hours/Day		
22.	No.Of workers	37 (approx.)		
23.	No.Of vehicle movement /day	25 (approx.)		
24.	Type of Land	Govt. revenue land		
25.	Ultimate Depth of Mining	6 meter bgl		
26.	Nearest metalled road from site	0.15 km		
27.	Water Requirement	PURPOSE	REQUIREMENT (KLD)	
		Drinking & Others	0.40	
		Suppression of dust	0.90	
		Plantation	3.0	
		Others(if any)	-----	
		Total	4.30	
28.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh (Servicing Environment and Development)., Lucknow, U.P. QCI/NABET/EIA/2124/RA0224 Validity- May 01, 2024		
29.	Any litigation pending against the project or	No		

	land in any court	
30.	Details of 500 m Cluster Map & certificate Verified by Mining Officer	DMO, Mahoba vide Letter No. 3321/MMC-30/2021-22 Dated 18 th January, 2022
31.	Details of Lease Area in approved DSR	DM Correction Letter 8471/MMC-30-Khanij/2020-21 dated 10.03.2021 Page No.-01, S.No.- 15
32.	Proposed CER cost	1.60 Lakh
33.	Proposed EMP cost	22.0 Lakh
34.	Length and breadth of Haul Road.	Length- 0.15 km, Width- more than 6.0 m
35.	No. of Trees to be Planted	3000

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

The project proponent/consultant (EIA Coordinator) also informed that they submitted an affidavit dated 13/04/2022 mentioning is as follows:

1. I, Pankaj Srivastava S/o Sri V.V. Srivastava EIA Coordinator of Paramarsh Servicing Environment and Development.
2. I will prepare EIA/EMP report for the File No. - 6968, Proposal No.- SIA/UP/MIN/72973/2022, of the client Shri Jai Singh S/o Shri Mahendra Singh for the "Building Stone (Khanda, Boulder, Bailast (Gitti))" Project at Gata No.- 638 (Khand No.- 01), Village- Ratauli, Tehsil- Mahoba, District- Mahoba, U.P. (Applied Area : 3.00 ha.) with my team.
3. I have personally visited the site of proposal.
4. I have satisfied with that all the necessary data/information required for EIA/EMP preparations are true and correct.
5. I certify that no mining activity has been undertaken on the project site for the present proposal.
6. I certify that this project has been uploaded for the first time on Parivesh Portal. In case the project has been uploaded again due to any reason, the withdrawal of previous project has been accepted by SEIAA, UP on Parivesh Portal.
7. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.

RESOLUTION AGAINST AGENDA NO. 14

The committee discussed the matter and recommended to issue the standard terms of reference for the preparation of EIA as annexed at Annexure-1 to the minutes. The committee also stipulated following additional TOR Points:

Additional TOR:

1. To ensure proper monitoring, the project proponent/consultant should provide evidence in for of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc.
2. EIA coordinator & FAE should give a photo affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigative measures for any critical issues involved in the project.
3. Combined KML of all mines in a cluster should be submitted at the time of EIA.

4. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
5. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
6. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
7. Proponent/ Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
8. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
9. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.

15. Stone (Gitti/ Khanda/ Boulders/ Pahari Red Morram) Mining at Gata No.-1078 (KhandNo.-38), Village- Gonda, Tehsil- Karwi, District-Chitrakoot., Shri Mahesh Prasad Jaiswal.,Area-2.0240 ha. File No. 6969/Proposal No. SIA/UP/MIN/73011/2022

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

1. The terms of reference is sought for Building Stone (Gitti/ Khanda/ Boulders/ Pahari Red Morram) Mining at Gata No.- 1078 (Khand No.- 38), Village- Gonda, Tehsil- Karwi, District- Chitrakoot, U.P., (Applied Area- 2.024 ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/73011/2022															
2.	File No. allotted by SEIAA, UP	6969															
3.	Name of Proponent	M/s Mahesh Prasad Jaiswal Contractor, Prop.- Shri Mahesh Prasad Jaiswal S/o Shri Ramchandra Jaiswal															
4.	Full correspondence address of proponent	R/o- Chakla Raj Rani, Post- Shivrampur, Tehsil- Karwi, Tehsil & Distt. Chitrakoot, U.P.															
5.	Name of Project	Building Stone (Gitti/ Khanda/ Boulders/ Pahari Red Morram) Mining Project															
6.	Project location (Plot/ Khasra /Gata No.)	Gata No.- 1078 (Khand No.- 38)															
7.	Name of Village	Gonda															
8.	Tehsil	Karwi															
9.	District	Chitrakoot															
10.	Name of Minor Mineral	Building Stone (Gitti/ Khanda/ Boulders/ Pahari Red Morram)															
11.	Sanctioned Lease Area (in Ha.)	2.024 ha.															
12.	Max.& Min mRL within lease area	294 mRL- 255 mRL															
13.	Pillar Coordinates(Verified by DMO)	<table border="1"> <thead> <tr> <th>Pillars</th><th>Latitude (N)</th><th>Longitude (E)</th></tr> </thead> <tbody> <tr> <td>A</td><td>25° 11.741' N</td><td>80° 44.144'E</td></tr> <tr> <td>B</td><td>25° 11.677' N</td><td>80° 44.278'E</td></tr> <tr> <td>C</td><td>25° 11.646' N</td><td>80° 44.276'E</td></tr> <tr> <td>D</td><td>25° 11.689' N</td><td>80° 44.113'E</td></tr> </tbody> </table>	Pillars	Latitude (N)	Longitude (E)	A	25° 11.741' N	80° 44.144'E	B	25° 11.677' N	80° 44.278'E	C	25° 11.646' N	80° 44.276'E	D	25° 11.689' N	80° 44.113'E
Pillars	Latitude (N)	Longitude (E)															
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C	25° 11.646' N	80° 44.276'E															
D	25° 11.689' N	80° 44.113'E															
14.	Total Geological Reserves	2274480 m ³															
15.	Total Mineable Reserves	359841 m ³															
16.	Total Proposed Production (in five year)	303600 m ³															

17.	Proposed Production / year	Year	Production
		1 st	60720 m ³
		2 nd	60720 m ³
		3 rd	60720 m ³
		4 th	60720 m ³
		5 th	60720 m ³
		Total	303600 m ³
18.	Sanctioned Period of Mine lease	10 Years	
19.	Method of Mining	Opencast Semi-Mechanized	
20.	No.of working days	300 days	
21.	Working hours/day	8 Hours/Day	
22.	No.Of workers	38 (approx.)	
23.	No.Of vehicle movement /day	21 (approx.)	
24.	Type of Land	Govt. revenue land	
25.	Ultimate Depth of Mining	3 meter (average)	
26.	Nearest metalled road from site	300m	
27.	Water Requirement	PURPOSE	REQUIREMENT (KLD)
		Drinking & Others	0.40
		Suppression of dust	1.80
		Plantation	2.10
		Others(if any)	-----
		Total	4.30
28.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh (Servicing Environment and Development), Lucknow, U.P. QCI/NABET/EIA/2124/RA0224 Validity- May 01, 2024	
29.	Any litigation pending against the project or land in any court	No	
30.	Details of 500 m Cluster Map & certificate Verified by Mining Officer	DMO, Chitrakoot vide Letter No. 1271/Khanij/2021-22, Dated 19 th January, 2022	
31.	Details of Lease Area in approved DSR	Page No.-29, S.No.- 2	
32.	Proposed CER cost	1.50 Lakh	
33.	Proposed EMP cost	17.70 Lakh	
34.	Length and breadth of Haul Road.	Length- 300m, Width- more than 6.0 m	
35.	No. of Trees to be Planted	2024	

- 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 project proponent/consultant (EIA Coordinator) also informed that they submitted an affidavit dated 13/04/2022 mentioning is as follows:

- I, Pankaj Srivastava S/o Sri V.V. Srivastava EIA Coordinator of Paramarsh Servicing Environment and Development.
- I will prepare EIA/EMP report for the File No. – 6969, Proposal No.- SIA/UP/MIN/73011/2022, of the client M/s Mahesh Prasad Jaiswal Contractor Prop.- Shri Mahesh Prasad Jaiswal S/o Shri Ramchandra Jaiswal for the “Building Stone (Gitti/ Khanda/ Boulders/ Pahari Red Morram)” Project at Gata No.- 1078 (Khand No.- 38), Village- Gonda, Tehsil- Karwi, District- Chitrakoot, U.P. (Applied Area : 2.0240 ha.) with my team.
- I have personally visited the site of proposal.
- I have satisfied with that all the necessary data/information required for EIA/EMP preparations are true and correct.
- I certify that no mining activity has been undertaken on the project site for the present proposal.

6. I certify that this project has been uploaded for the first time on Parivesh Portal. In case the project has been uploaded again due to any reason, the withdrawal of previous project has been accepted by SEIAA, UP on Parivesh Portal.
7. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.

RESOLUTION AGAINST AGENDA NO. 15

The committee discussed the matter and recommended to issue the standard terms of reference for the preparation of EIA as annexed at Annexure-1 to the minutes. The committee also stipulated following additional TOR Points:

Additional TOR:

1. To ensure proper monitoring, the project proponent/consultant should provide evidence in for of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc.
2. EIA coordinator & FAE should give a photo affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigative measures for any critical issues involved in the project.
3. Combined KML of all mines in a cluster should be submitted at the time of EIA.
4. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
5. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
6. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
7. Proponent/ Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
8. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
9. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.

(Dr. Ajai Mishra)
Member

(Dr. Brij Bihari Awasthi)
Member

(Umesh Chandra Sharma)
Member

(Dr. Ratan Kar)
Member

(Ashish Tiwari)
Member-Secretary, SEAC-1

(Rajive Kumar)
Chairman

Nodal, SEAC-1

MoM prepared by Secretariat in consultation with
Chairman & Members on the basis of decisions
taken by SEAC-1 during the meeting.

Annexure-1

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

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

- 14) Implementation status of recognition of forest rights under the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 should be indicated.
- 15) The vegetation in the RF / PF areas in the study area, with necessary details, should be given.
- 16) A study shall be got done to ascertain the impact of the Mining Project on wildlife of the study area and details furnished. Impact of the project on the wildlife in the surrounding and any other protected area and accordingly, detailed mitigative measures required, should be worked out with cost implications and submitted.
- 17) Location of National Parks, Sanctuaries, Biosphere Reserves, Wildlife Corridors, Ramsar site Tiger/ Elephant Reserves/(existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated, supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above, should be obtained from the Standing Committee of National Board of Wildlife and copy furnished.
- 18) A detailed biological study of the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out. Details of flora and fauna, endangered, endemic and RET Species duly authenticated, separately for core and buffer zone should be furnished based on such primary field survey, clearly indicating the Schedule of the fauna present. In case of any scheduled- I fauna found in the study area, the necessary plan alongwith budgetary provisions for their conservation should be prepared in consultation with State Forest and Wildlife Department and details furnished. Necessary allocation of funds for implementing the same should be made as part of the project cost.
- 19) Proximity to Areas declared as 'Critically Polluted' or the Project areas likely to come under the 'Aravali Range', (attracting court restrictions for mining operations), should also be indicated and where so required, clearance certifications from the prescribed Authorities, such as the SPCB or State Mining Department should be secured and furnished to the effect that the proposed mining activities could be considered.
- 20) R&R Plan/compensation details for the Project Affected People (PAP) should be furnished. While preparing the R&R Plan, the relevant State/National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs /STs and other weaker sections of the society in the study area, a need based sample survey, family-wise, should be undertaken to assess their requirements, and action programmes prepared and submitted accordingly, integrating the sectoral programmes of line departments of the State Government. It may be clearly brought out whether the village(s) located in the mine lease area will be shifted or not. The issues relating to shifting of village(s) including their R&R and socio-economic aspects should be discussed in the Report.
- 21) One season (non-monsoon) [i.e. March-May (Summer Season); October-December (post monsoon season) ; December-February (winter season)]primary baseline data on ambient air quality as per CPCB Notification of 2009, water quality, noise level, soil and flora and fauna shall be collected and the AAQ and other data so compiled presented date-wise in the EIA and EMP Report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be such as to represent whole of the study area and justified keeping in view the pre-dominant downwind direction and location of sensitive receptors. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM10, particularly for free silica, should be given.
- 22) Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.
- 23) The water requirement for the Project, its availability and source should be furnished. A detailed water balance should also be provided. Fresh water requirement for the Project should be indicated.
- 24) Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.

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

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

Annexure-2

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. 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.