

Minutes of 623rd SEAC-1 Meeting Dated 08/02/2022

The 623rd meeting of SEAC-1 was held in the Directorate of Environment, U.P. through dual-mode (physically/virtually) at 11:00 AM on 08/02/2022. Following members participated in the meeting:

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|----|-----------------------------|------------------------------|
| 1. | Shri Rajive Kumar, | Chairman, SEAC-1 (Virtually) |
| 2. | Dr. Ajai Mishra, | Member, SEAC-1 (Virtually) |
| 3. | Shri Om Prakash Srivastava, | Member, SEAC-1 (Virtually) |
| 4. | Dr. Brij Bihari Awasthi, | Member, SEAC-1 (Virtually) |
| 5. | Shri Umesh Chandra Sharma, | Member, SEAC-1 (Virtually) |
| 6. | Dr. Ratan Kar, | Member, SEAC-1 (Virtually) |

The Chairman welcomed the members to the 623rd SEAC-1 meeting which was conducted via dual-mode (virtually/physically). Nodal Officer, SEAC-1 informed the committee that the agenda has been approved by the Member Secretary, SEAC-1/Director Environment. Nodal Officer, SEAC-1 placed the agenda items along with the available file and documents before the SEAC-1.

1. **Sand/Morrum Mining from River Bed Dhasan at Khand No.-06, Village-Tolakhangaran, Tehsil- Rath, District- Hamirpur, U.P., (Area: 32.11 Ha). File No. 6633/5699/Proposal No. SIA/UP/MIN/68371/2020**

RESOLUTION AGAINST AGENDA NO-01

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 level of SEAC-1. The matter will be discussed only after submission of online request on prescribed online portal.

2. **Sand/Morrum Mining from Riverbed of Betwa River at Gata No.-747, Khand No.- 04, Village- Pathrehta, Tehsil- Kalpi, District-Jalaun., Area: 16.194 ha. File No. 6648/5930/Proposal No. SIA/UP/MIN/67531/2020**

RESOLUTION AGAINST AGENDA NO-02

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 level of SEAC-1. The matter will be discussed only after submission of online request on prescribed online portal.

3. **Stone Gitti , Khanda & Boulder Mining at Gata No.-856, Khand No.-04, Village-Pali Pahari, Tehsil-Sadar, District- Jhansi, U.P., Lease area-0.728 ha. File No. 6421/Proposal No. SIA/UP/MIN/197551/2021**

The committee noted that the matter was earlier listed in 569th SEAC meeting dated 09/09/2021 and project proponent did not appear in the meeting. The project proponent vide letter dated 04/01/2022 has requested to list the project proposal in next SEAC meeting and project was listed in 623rd SEAC meeting dated 08/02/2022.

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 environmental clearance is sought for Stone Gitti , Khanda & Boulder Mining at Gata No.-856, Khand No.-04, Village-Pali Pahari, Tehsil-Sadar, District- Jhansi, U.P., (Lease area-0.728 ha.).

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

1. On-line proposal No.	SIA/UP/MIN/197551/2021		
2. File No. allotted by SEIAA, UP	6421		
3. Name of Proponent	Shri Deepak Wadhi S/O-Shri Jagmohan Wadhi		
4. Full correspondence address of proponent and mobile no.	R/O-1533, Janki Puram, Civil Line, Tehsil & District – Jhansi (U.P.)		
5. Name of Project	Building stone, Khanda-Boulder/ Gitti –Ballast Mining Project		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 856 (Khand No. - 04),		
7. Name of River	NA		
8. Name of Village	Pali Pahari		
9. Tehsil	Sadar		
10. District	Jhansi(U.P.)		
11. Name of Minor Mineral	Building stone, Khanda-Boulder/ Gitti –Ballast Mining Project		
12. Sanctioned Lease Area (in Ha.)	0.728 Ha.		
13. Mineable Area (in Ha.)	0.4835 Ha. (Safety Margin 0.2445 Ha.)		
14. Zero level mRL	NA		
15. Max. & Min mrl within lease area	Maximum & Minimum mRL is 248.0 & 242.1 mRL respectively		
16. Pillar Coordinates (Verified by DMO)	Pillar	Latitude	Longitude
	A	25°27'08.73"N	78°30'26.00"E
	B	25°27'10.42"N	78°30'26.54"E
	C	25°27'10.36"N	78°30'28.10"E
	D	25°27'09.51"N	78°30'29.59"E
	E	25°27'08.85"N	78°30'30.05"E
	F	25°27'06.70"N	78°30'30.34"E
17. Total Geological Reserves	1,47,711 m ³		
18. Total Mineable Reserves in LOI	21,840 m ³ per year		
19. Total Proposed Production (in five year)	54,755 m ³ in 3 years		
20. Proposed Production/year	21,840 m ³ per year		
21. Sanctioned Period of Mine lease	20 Year		
22. Method of Mining	Open cast, Mechanized/Semi-Mechanized		
23. No. of working days	250		
24. Working hours/day	8 hours/day		
25. No. Of workers	Approximately 26 workers		
26. No. Of vehicles movement/day	7-8 Vehicles movement/day		
27. Type of Land	Government Land (Rocky Barren)		
28. Ultimate Depth of Mining	6 m		
29. Nearest metalled road from site	NH-25 which is 0.51 km towards North direction from the project site		
30. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.36 KLD	
	Suppression of Dust	4.8 KLD	
	Plantation	0.728 KLD	
	Others (if any)	-	
	Total	5.887 KLD (5.9 KLD Approx.)	

31. Name of QCI Accredited Consultant with QCI No and period of validity.	Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/ EIA/ 1922/RA 0200 Valid up to 30 Dec, 2022
32. Any litigation pending against the project or land in any court	No
33. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No-1533/30.M.M.C/2020-21 Date- 24/11/2020
34. Details of Lease Area in approved DSR	Letter No. 255/86-2021-01(२१०)/2020, on Dated 09/02/2021, DGM Date - 25.01.2021 S No. - 4
35. Proposed EMP cost	Rs 16,65,800/-
36. Proposed Total Project cost	Rs. 90,00,000/-
37. Length and breadth of Haul Road	200 m length and 6 m width
38. No. of Trees to be Planted	728

3. 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.
4. 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.
5. There is no litigation pending in any court regarding this project.
6. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO. 03

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

1. 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. Stone (Khanda, Boulder, Gitti) at Araj No.-1195/11 & 1219/11, at Village- Digara, Tehsil-Sadar, District- Jhansi, U.P., Lease area-1.396 ha. File No. 6336/Proposal No. SIA/UP/MIN/208009/2021

The committee noted that the matter was earlier discussed in 556th SEAC meeting dated 06/08/2021 and directed the project proponent to submit following information:

1. Mining Plan approval letter issued by DGM, U.P. vide letter no. 2021/3/14/53478 dated 28-5-2021 wherein, it is mentioned that “*The mining plan is approved for a period of next three months from the date of execution of mining lease deed.*” However, the project proponent has submitted the mine plan for five years. The proper clarification is sought, regarding the aforesaid matter.
2. The Project Proponent /Consultant has submitted a letter issued by Senior Mines Officer, Jhansi vide letter no. 42/ 30MMC/2021-22 dated 24-7-2021 addressed to Director, Directorate of Geology and Mining, U.P. regarding amendment in DSR of District, Jhansi. However, Project Proponent /Consultant couldn't produce revision/ incorporation made by the competent Authority in DSR.
3. Proper clarification regarding the discrepancy of mine depth in the mining plan and mining plan approval letter issued by DGM, UP.

The project proponent submitted their replies vide letter dated 10/01/2022. 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) at Araj No.-1195/11 & 1219/11, at Village- Digara, Tehsil-Sadar, District- Jhansi, U.P., (Leased area-1.396 ha.).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	Proposal No. : SIA/UP/MIN/208009/2021
2. File no. allotted by SEIAA, UP	6336
3. Name of Proponent	Shri Pramod Kumar Gupta S/o Late Ramnarayan Gupta
4. Full correspondence address of proponent and mobile no.	Shaktinagar Gwalior Road, Tehsil: Jhansi, District: Jhansi (U.P)
5. Name of Project	Khanda, Boulder, Gitti (Ballast) (Building Stone) Mining Project”
6. Project location (Plot/Khasra/Gate No.)	Araj No. – 1195/1 and 1219/11
7. Name of Village	Digara
9. Tehsil	Sadar
10. District	Jhansi (U.P)
11. Name of Minor Mineral	Building Stone
12. Sanctioned Lease Area (in Ha.)	1.396 Ha
13. Altitude of the Area	Highest Point: 218.10 mRL

	Lowest Point: 211.8 mRL		
14. Pillar Coordinates (Verified by DMO)	Pillar	Latitude	Longitude
	A	25°27'31.24"N	78°39'48.39"E
	B	25°27'33.13"N	78°39'49.95"E
	C	25°27'34.57"N	78°39'48.35"E
	D	25°27'35.06"N	78°39'49.14"E
	E	25°27'34.70"N	78°39'51.69"E
	F	25°27'35.68"N	78°39'51.09"E
	G	25°27'36.04"N	78°39'51.83"E
	H	25°27'32.77"N	78°39'53.40"E
	I	25°27'30.43"N	78°39'50.35"E
	J	25°27'30.43"N	78°39'49.60"E
15. Total Geological Reserves	3,89,259 m ³		
16. Total Mineable Reserves	2,49,567 m ³		
17. Total Proposed Production (in five year)	2,09,400 m ³		
18. Proposed Production/year	41,880 m ³ per annum		
19. Sanctioned Period of Mine lease	10 Years		
21. Method of Mining	Open Cast, Semi-mechanized		
22. Drilling & Blasting	Yes (if Required)		
23. No. of Working days	260 Days		
24. Working hours/day	8 hours/day		
25. No. of Workers	29 Manpower		
26. No. of vehicles movement/day	45 Units (Assumed Loading Capacity: 10 Tonnes/Unit)		
27. Type of Land	State Government Land		
28. Ultimate Depth of Mining	24 m (218mRL – 194 mRL) (source: Approved Mining Plan)		
29. Nearest metalled road from site	Haulage Road Length 520 m & Haulage Road Width 7 m		
30. Water Requirement	Source	Purpose	Avg. Demand/Day
	Portable Tanker	Drinking & others @15lpcd/worker	29 workers x 15 lpcd = 435 lit/day
		Plantation @5 Lit/plant	280 Trees x 5 lpcd = 1400 Lit/day
		Mine operation /others	-
		Dust suppression @ 1 Lit/Sq.m (Twice in a day)	Haul Road Area = (522 m Length x 7m Width = 3654 m ²) x 1 lit/sq.m = 3654 lit x 2 (twice in a day) = 7308 lit/day
	Total		10.143KLD
31. Name of QCI Accredited Consultant with QCI No and period of validity.	GLOBUS ENVIRONMENT ENGINEERING SERVICES Certificate No. NABET/EIA/1821/IA0034, Extension Validity Till 26 March, 2022		
32. Any litigation pending against the project or hand in any court	No		
33. Details of 500 m Cluster Map &	Cluster certificate issued by DMO (Mining Section), Jhansi. Letter		

certificate issued by Mining Officer	No.2130/30/एम०/एम०सी०/2020-21, दिनांक: 10/02/2021
34. Details of Lease Area in approved DSR	Letter No. 452/30एम० एम०सी०/2021-22, दिनांक: 24/07/2021
35. Total Proposed Project Cost	Rs. 70.94 Lakhs
36. Proposed CER cost	Rs 3.55 Lakhs (5% of the total Project Cost)
37. Proposed EMP cost	Rs 18.15 Lakhs
38. Length and Width of Haul Road	Haulage Road Length 520 m & Haulage Road Width 7 m
39. No. of Trees to be Planted	280 Trees (200 trees/ Ha)

3. 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.
4. 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.
5. There is no litigation pending in any court regarding this project.
6. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO. 04

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

The project proponent should explore the possibilities of rainwater harvesting.

5. Group Housing at Plot No.-SC-01/A2, Sector- 79, Noida, Uttar Pradesh, M/s Sequel Buildicon Pvt. Ltd. File No. 1770/Proposal No. SIA/UP/MIS/243899/2021

The committee noted that the environmental clearance for the above proposal was issued by SEIAA, U.P. vide letter no. 1893/Parya/SEAC/1770/213/OSD(T)) dated 12/10/2013 for plot area 50,000 m² and built-up area 2,37,526.5 m². The validity of the Environment clearance letter dated 12/10/2013 expired on 11/10/2020.

A presentation was made by the project proponent along with their consultant M/s Ind Tech House Consult. During the presentation the project proponent informed that the validity of Environmental Clearance is valid for period of Seven Years, but one year environment clearance validity extension has also been provided by MoEF&CC, Govt. of India vide notification dated 18/01/2021 due to COVID outbreak. As per EIA Notification, 2006 (as amended) also read along with Notification No. S.O. 221 (E) dated 18/01/2021 which mentions that:

...“Notwithstanding anything contained in this notification, the period from the 1st April, 2020 to the 31st March, 2021 shall not be considered for the purpose of calculation of the period of validity of Prior Environmental Clearances granted under the provisions of this notification in view of outbreak of Corona Virus (COVID-19) and subsequent lockdowns (total or partial) declared for its control, however, all activities undertaken during this period in respect of the Environmental Clearance granted shall be treated as valid.”

The project proponent also informed that the validity of existing Environment Clearance is valid up to 11 October, 2021 and we have applied for an extension of the validity on 18/12/2021 which was within the grace period of 90 days granted as per MoEF&CC Notification dated S.O. 2994 (E), Dated 14/09/2016. Due to financial crunch and ongoing covid-19 pandemic they could not apply for extension of validity of EC on time. They have requested the honorable committee to kindly grant us the delay condoned and validity extension of the project.

As per EIA Notification, 2006 (as amended) also read along with Notification No. S.O. 2994 (E) Dated 14/09/2016 which mentions that:

- (a) *within thirty days after the validity period of Environmental Clearance, such cases shall be referred to concerned Expert Appraisal Committee or State Level Expert Appraisal Committee or District Level Expert Appraisal Committee and based on their recommendations, the delay shall be condoned at the level of the Joint Secretary in the Ministry of Environment, Forest and Climate Change or Member Secretary, State Level Expert Appraisal Committee or Member Secretary, District Level Expert Appraisal Committee, as the case may be;*
- (b) *more than thirty days after the validity period of Environmental Clearance but less than ninety days after such validity period, then, based on the recommendations of the Expert Appraisal Committee or State Level Expert Appraisal Committee or District Level Expert Appraisal Committee, the delay shall be condoned with the approval of the Minister in charge of Environment, Forest and Climate Change or Chairman, as the case may be :*
Provided that no condonation for delay shall be granted for any application for extension filed beyond ninety days after the validity period of Environmental Clearance.”.

RESOLUTION AGAINST AGENDA NO-05

The committee discussed the matter and satisfactory with the reason for delay condoned by the project proponent. The committee recommended to extend the validity of the Environmental Clearance letter no. 1893/Parya/SEAC/1770/213/OSD(T)) dated 12/10/2013 for the period of 03 years i.e. 12/10/2021 to 11/10/2024. All the other contents mentioned in Environmental Clearance letter no. 1893/Parya/SEAC/1770/213/OSD(T)) dated 12/10/2013 shall remain the same.

6. IT / ITES at Plot No. 17, Sector-Tech Zone-4, Noida Extension, U.P., M/s S.P. SAI I.T. Pvt. Ltd. File No. 1506/Proposal No. SIA/UP/MIS/245863/2021

RESOLUTION AGAINST AGENDA NO-06

Some members of SEAC have not received the soft copies of the proposal through e-mail due to the technical reason. Hence, the committee directed to defer the matter and listed on proposed SEAC meeting dated 15/02/2022.

7. Morrum Mining at Arazi No.-824Kh (Khand 04), Village-Agori Khas, Tehsil- Obra, Sonbhadra., M/s Sudhakar Pandey and Associate, Area : 12.368 ha. File No. 6748/Proposal No. SIA/UP/MIN/248903/2021

The committee noted that the environmental clearance for the above project was issued by SEIAA, U.P. vide letter dated 22/12/2021 for the leased area 12.368 ha and production capacity 1,97,888 m³/annum. The project proponent vide letter dated 30/12/2021 informed that some geo-coordinates mentioned in EC letter has been changed after reassessment of the site and there is no change in leased area and quantity of the mineral. Mining plan also approved by Geology and Mining Department with revised geo-coordinates. Therefore, the project proponent applied for amendment in some geo-coordinates in environmental clearance letter dated 22/12/2021.

A presentation was made by the project proponent along with their consultant M/s Cognizance Research India Pvt. Ltd. The proponent, through the documents submitted and the presentation made informed the committee that:-

1. Details of proposed amendment in environmental clearance letter dated 22/12/2021:

Pillar coordinates mentioned in EC			Proposed amendment in Pillar coordinates in EC		
Pillars	Latitude	Longitude	Pillars	Latitude	Longitude
B	24°33'4.35"N	82°57'45.29"E	B	24°33'4.35"N	82°57'45.23"E
H	24°32'47.17"N	82°58'4.12"E	H	24°32'47.17"N	82°58'1.12"E
J	24°32'54.53"N	82°57'50.58"E	J	24°32'54.63"N	82°57'50.58"E
L	24°32'58.31"N	82°57'46.70"E	L	24°32'58.31"N	82°57'46.79"E
M	24°32'56.07"N	82°57'44.82"E	M	24°32'56.07"N	82°57'44.83"E
N	24°32'56.07"N	82°57'39.81"E	N	24°32'56.53"N	82°57'39.81"E

The project proponent requested to amend the environmental clearance letter dated 22/12/2021 as per above project details.

RESOLUTION AGAINST AGENDA NO-07

The committee discussed the matter and recommended to amend the environmental clearance letter dated 22/12/2021 per above project details. The committee also directed the project proponent that all the contents mentioned in EC letter dated 22/12/2021 shall remain the same.

8. Stone, khanda, Gitty, boulder Mining. at Gata No.1127, Khand No.-2, Village- Chaukari, Tehsil-Garautha, Jhansi., Shri Sushil Parecha., Area 1.214 Ha. File No. 6836/6110/Proposal No. SIA/UP/MIN/69165/2021

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

1. The environmental clearance is sought for Khanda- Boulder/ Gitti-Ballast Mining project at Gata No. 1127 (Khand 02), Village- Chaukari, Tehsil- Garautha, District - Jhansi, U.P., (Leased Area 1.214 ha).
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 09/ Parya/ SEAC/6110/2019 dated 06/04/2021.
3. The public hearing was organized on 05/10/2021. Final EIA report submitted by the project proponent on 19/11/2021.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/69165/2021		
2. File No. allotted by SEIAA, UP	6836/6110		
3. Name of Proponent	Prop. Shri Sushil Parecha		
4. Full correspondence address of proponent and mobile No.	R/o Ao 27 Ramnath City, Rajgarh, Tehsil- Sadar, District- Jhansi, (U.P.)		
	Mobile No-		
	Email-		
5. Name of Project	Khanda- Boulder/ Gitti-Ballast Mining Project		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 1127 (Khand 02)		
7. Name of River	-		
8. Name of Village	Chaukari		
9. Tehsil	Garautha		
10. District	Jhansi		
11. Name of Minor Mineral	Khanda- Boulder/ Gitti-Ballast Mining Project		
12. Sanctioned Lease Area (in Ha.)	1.214		
13. Max & Min mRL within lease area	Max- 203.00 mRL and Min- 190.00 mRL		
14. Pillar Coordinates (Verified by DMO)	Sanctioned Mining Lease Area		
	Pillar No.	Latitude	Longitude
	A	25°34'59.21"N	79°13'25.11"E
	B	25°34'59.53"N	79°13'27.78"E
	C	25°34'58.32"N	79°13'32.68"E
	D	25°34'56.89"N	79°13'32.79"E
	E	25°34'56.66"N	79°13'25.33"E
15. Total Geological Reserves	4,76,914.5 cum		
16. Total Mineable Reserves in LOI	36,420 cum /year		
17. Total Proposed Production	1,82,100 cum		
18. Proposed Production/year	36,420 cum		
19. Sanctioned Period of Mine lease	Maximum 20 years (Mining plan prepared for 5 years)		
20. Method of Mining	Open Cast Semi-mechanized Method		

21. No. of working days	260 days	
22. Working hours/day	8 hrs	
23. No. of workers	30	
24. No. of vehicles movement/day	20	
25. Type of Land	Government waste land	
26. Ultimate Depth of Mining	24	
27. Nearest metalled road from site	2.0 km	
28. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.30
	Suppression of dust	4.50
	Plantation	2.428
	Others (if any)	0.30
	Total	7.528
29. Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt Ltd. 1922, validity= 03-02-2022	
30. Any litigation pending against the project or land in any court	No	
31. Details of 500 m Cluster Map & certificate issued by Mining Officer	Yes, certified	
32. Details of Lease Area in approved DSR	Yes, given in the DSR	
33. Proposed CER cost	Rs 1,40,000/-	
34. Proposed EMP cost	Rs 4,00,000/- Recurring Cost Rs 13,54,000/- Capital Cost including CER	
35. Length and breadth of Haul Road	Length: 0.375 km, width: 6 m	
36. No. of Trees to be Planted	1214 plants	

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).

RESOLUTION AGAINST AGENDA NO. 08

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

1. 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. Khanda- Boulder/ Gitty-Ballast Mining at Gata No.310, Khand No.-4, Village-Dagariyarund , Tehsil-Sadar, District-Jhansi., Area 2.0 Ha. File No. 6837/6105/Proposal No. SIA/UP/MIN/69139/2021

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

1. The environmental clearance is sought for Khanda- Boulder/ Gitti-Ballast Mining project at Gata No. 310 (Khand 04), Village- Dangariyarund, Tehsil- Sadar, District - Jhansi, U.P., (Leased Area 2.0 ha)
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 05/ Parya/ SEAC/ 6105/2019, dated 06/04/2021.
3. The public hearing was organized on 12/10/2021. Final EIA report submitted by the project proponent on 19/11/2021.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/69139/2021		
2. File No. allotted by SEIAA, UP	6837/6105		
3. Name of Proponent	Prop. Shri Sanjay Parecha		
4. Full correspondence address of proponent and mobile No.	R/o Ao 28 Ramnath City, Rajgarh, Tehsil- Sadar, District- Jhansi, (U.P.)		
	Mobile No-		
	Email-		
5. Name of Project	Khanda- Boulder/ Gitti-Ballast Mining Project		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 310 (Khand 04)		
7. Name of River	-		
8. Name of Village	Dangariyarund		
9. Tehsil	Sadar		
10. District	Jhansi		
11. Name of Minor Mineral	Khanda- Boulder/ Gitti-Ballast Mining Project		
12. Sanctioned Lease Area (in Ha.)	2.0		
13. Max & Min mRL within lease area	Max- 270.10 mRL and Min- 266.10 mRL		
14. Pillar Coordinates (Verified by DMO)	Sanctioned Mining Lease Area		
	Pillar No.	Latitude	Longitude
	A	25°21'35.78"N	78°31'37.59"E

	B	25°21'36.95"N	78°31'34.92"E
	C	25°21'37.48"N	78°31'34.32"E
	D	25°21'32.59"N	78°31'30.49"E
	E	25°21'30.56"N	78°31'33.83"E
15. Total Geological Reserves	5,69,181 cum		
16. Total Mineable Reserves in LOI	60,000 cum/year		
17. Total Proposed Production	3,00,000 cum		
18. Proposed Production/year	60,000 cum/year		
19. Sanctioned Period of Mine lease	Maximum 20 years (Mining plan prepared for 5 years)		
20. Method of Mining	Open Cast Semi-mechanized Method		
21. No. of working days	260 days		
22. Working hours/day	8 hrs		
23. No. of workers	32		
24. No. of vehicles movement/day	33		
25. Type of Land	Government waste land		
26. Ultimate Depth of Mining	36		
27. Nearest metalled road from site	0.6 km		
28. Water Requirement	PURPOSE		REQUIREMENT (KLD)
	Drinking		0.32
	Suppression of dust		8.7
	Plantation		4.0
	Others (if any)		0.32
	Total		13.34
29. Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt Ltd. 1922, validity= 03-02-2022		
30. Any litigation pending against the project or land in any court	No		
31. Details of 500 m Cluster Map & certificate issued by Mining Officer	Yes, certified		
32. Details of Lease Area in approved DSR	Yes, given in the DSR		
33. Proposed CER cost	Rs 1,58,000/-		
34. Proposed EMP cost	Rs 3,80,000 Recurring Cost Rs. 21,58,000/- Capital Cost including CER		
35. Length and breadth of Haul Road	Length: 0.7 km, width: 6 m		
36. No. of Trees to be Planted	2000 plants		

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).

RESOLUTION AGAINST AGENDA NO. 09

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

1. 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. API Bulk Drugs and Intermediates Manufacturing at Khasra No. 827 & 828, Village-Mawana-II, Tehsil-Mawana, Meerut M/s Ezochem Organics India Pvt. Ltd. File No. 6809/Proposal No. SIA/UP/IND3/247851/2021

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 Amaltas Enviro Industrial Consultants LLP. The committee discussed the matter and directed the project proponent to submit following information:

1. Detailed environment management plan along with CER.
2. Submit the hard copy of power point presentation.
3. Land conversion documents.

The matter shall be discussed after submission of online information on prescribed portal.

(Dr. Ajai Mishra)
Member

(Om Prakash Srivastava)
Member

(Dr. Brij Bihari Awasthi)
Member

(Umesh Chandra Sharma)
Member

(Dr. Ratan Kar)
Member

(Rajive Kumar)
Chairman

Nodal, SEAC-1

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

Annexure-1

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

A. General Conditions:

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under the law.
3. Any addition of the mining area, change of Khasra numbers, enhancement of capacity, change in mining technology, modernization, and scope of working shall again require prior environmental clearance as per EIA notification, 2006.
4. No change in the calendar plan including excavation, the quantum of mineral and waste shall be made.
5. Mining will be carried out as per the approved mining plan. In case of any violation of the mining plan, the Environmental Clearance given by SEIAA will stand cancelled.
6. Four ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for RSPM, SPM, SO₂, NO_x monitoring. The location of the stations should be decided based on the meteorological data, topographical features, and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board. The monitored data for criteria pollutants shall be regularly uploaded on the company's website and also displayed on the website.
7. Data on ambient air quality (RPM, SPM, SO₂, NO_x) should be regularly submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and the State Pollution Control Board / Central Pollution Control Board once in six months.
8. Ambient air quality at the boundary of the mine premises shall conform to the norms prescribed in MoEF notification no. GSR/826(E) dated 16.11.09.
9. Fugitive dust emissions from all the sources shall be controlled regularly. Water spraying arrangement on haul roads, loading and unloading, and at transfer points shall be provided and properly maintained.
10. Measures shall be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. shall be provided with earplugs/muffs and health records of the workers shall be maintained.
11. Industrial wastewater (workshop and wastewater from the mine) should be properly collected, treated to conform to the standards prescribed under GSR 422 (E) dated 19th May 1993 and 31st December 1993 or as amended from time to time. Oil and grease traps shall be installed before the discharge of workshop effluents.
12. Personnel working in areas shall be provided with protective respiratory devices like masks and they shall also be imparted adequate training and information on safety and health aspects.
13. Special measures shall be adopted to prevent the nearby settlements from the impacts of mining activities.
14. The transportation of the materials shall be limited to the day hours' time only.
15. Provision shall be made for housing the laborers within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical health care, crèche, etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
16. A separate Environmental Management Cell with suitably qualified personnel shall be setup under the control of a Senior Executive, who will report directly to the Head of the Organization.
17. The Project Proponent shall inform the Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board regarding the date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.

18. The funds earmarked for environmental protection measures shall be kept in a separate account and shall not be diverted for other purposes. The year-wise expenditure shall be reported to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board
19. The Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board shall monitor compliance with the stipulated conditions. A complete set of documents including Environment Impact Assessment Report, Environmental Management Plan, Public hearing, and other documents information should be given to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board
20. A copy of the environmental clearance shall be submitted by the Project Proponent to the Heads of the Local Bodies, Panchayat, and Municipal Bodies as applicable in the matter.
21. The Project Proponent shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Level Environment Impact Assessment Authority (SEIAA).
22. The Project Proponent has to submit a regular half-yearly compliance report of the stipulated prior environmental clearance terms and conditions in hard and soft copy to the SEIAA, U.P. on 1st June and 1st December of each calendar year.
23. The SEIAA may alter/modify the above conditions or stipulate any further condition in the interest of environmental protection.
24. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.

B. Specific Conditions:

1. At the time of operation, the project proponent will comply with all the guidelines issued by the Government of India/State Govt./District Administration related to Covid-19.
2. This environmental clearance does not create or verify any claim of the applicant on the proposed site/activity.
3. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and the area is less than 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.