

Minutes of 581st SEAC-2 Meeting Dated 12/10/2021

The 581st meeting of SEAC-2 was held in hybrid (physical and virtual) through video conferencing in view of the Corona Virus Disease (Covid-19) on 12/10/2021. Following members participated in the meeting:

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|----|-----------------------------|-----------------------------|
| 1. | Dr. Harikesh Bahadur Singh, | Chairman, SEAC-2 |
| 2. | Dr. Amrit Lal Haldar, | Member, SEAC-2 (through VC) |
| 3. | Dr. Dineshwar Prasad Singh, | Member, SEAC-2 (through VC) |
| 4. | Shri Tanzar Ullah Khan, | Member, SEAC-2 |
| 5. | Prof. Jaswant Singh, | Member, SEAC-2 |
| 6. | Dr. Shiv Om Singh, | Member, SEAC-2 (through VC) |

The Chairman welcomed the members to the 581st SEAC meeting which was conducted online. The SEAC-2 unanimously took following decisions on the agenda points discussed in meeting :

1. Stone Mining at Khand No.-13, Gata No.-27, Village- Dunara, Sadar, Jhansi, Shri Mukul Yadav., Area-2.023 ha. File No. 6027/Proposal No. SIA/UP/MIN/ 58462/2020

A presentation was made by the project proponent along with their consultant M/s GLOBUS Environment Engineering Services. The committee discussed the matter and directed the project proponent to submit following information:

1. Monitoring site photographs alongwith data and time.
2. Proposed transportation route also used by other lease holder. Detailed transportation plan along with its maintenance plan should be submitted.
3. Detailed plan regarding compliance of conditions no. 6 stipulated in mining plan approval letter issued by Mining Department.
4. Source of drinking water along with MoU between project proponent and water supplier.
5. Plan for mobile toilet and safe disposal of municipal solid waste.

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

2. Sand/Morrum Mining from Betwa Riverbed at Gata No.-1064, Khand No.-01, Vill.- Kahta Hamirpur, Kalpi, Jalaun. Shri Karan Singh Rajput, Area: 9.710 ha. File No. 5918/Proposal No. SIA/UP/MIN/ 57166/2020

A presentation was made by the project proponent along with their consultant M/s Globus Environment Engineering Services. The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for Sand/Morrum Mining from Betwa Riverbed at Gata No.-1064, Khand No.-01, Vill.-Kahta Hamirpur, Kalpi, Jalaun, U.P. (Leased Area: 9.710 ha).
2. The terms of reference in the matter were issued by SEIAA, U.P. Ref. No. 719/Parya/SEAC/5918/2019, dated 15/01/2021.
3. The public hearing was organized on 20/07/2021. Final EIA report submitted by project proponent on 18/08/2021.

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

1. On-line proposal No.	SIA/UP/MIN/57166/2020		
2a. File no. allotted by SEIAA,UP	5918		
2b. ToR Vide Letter No.	719/Parya/SEAC/5918/2019,Dated: 15.01.2021 by SEIAA, U.P.		
3. Name of Proponent	Shri Karan Singh Rajput S/o Shri Harnarayan Singh		
4.Full correspondence address of proponent and mobile no.	R/o - 257, Ganeshganj, Orai,Jalaun U.P.		
5. Name of Project	“Sand/ Moram Mining”		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 1064, Khand No. 1, Area- 9.710 Ha (23.98 Acres)		
7. Name of River	Betwa River		
8.Name of Village	Kahta hamirpur		
9. Tehsil	Kalpi		
10.District	Jalaun,		
11. Name of Minor Mineral	River Bed Material (Sand/Moram)		
12. Sanctioned Lease Area (in Ha.)	Total Lease Area: 9.710 Ha		
13. Mineable Area (in Ha.)	6.4844 Ha		
14. Zero Level mRL	100 mRL		
15. Max. & Min mRL within lease area	Highest: 106 mRL & Lowest: 104 mRL		
16. Pillar Coordinates (Verified by DMO)	Sanction Lease Area Co-ordinate		
	Pillars	Latitude (N)	Longitude (E)
	A	25°54'30.24"N	79°39'29.54"E
	B	25°54'29.60"N	79°39'32.30"E
	C	25°54'29.66"N	79°39'33.38"E
	D	25°54'31.32"N	79°39'39.56"E
	E	25°54'20.35"N	79°39'41.26"E
	F	25°54'20.11"N	79°39'40.77"E
	G	25°54'19.50"N	79°39'41.11"E
	H	25°54'20.27"N	79°39'34.43"E
	I	25°54'25.50"N	79°39'26.69"E
	Submerged Area		
	I'	25°54'26.24"N	79°39'27.14"E
	J	25°54'25.44"N	79°39'28.33"E
	K	25°54'24.10"N	79°39'30.70"E
	L	25°54'23.16"N	79°39'34.11"E
	M	25°54'22.10"N	79°39'35.79"E
	N	25°54'21.87"N	79°39'39.79"E
	O	25°54'21.64"N	79°39'41.06"E
	E	25°54'20.35"N	79°39'41.26"E
	F	25°54'20.11"N	79°39'40.77"E
	G	25°54'19.50"N	79°39'41.11"E
	H	25°54'20.27"N	79°39'34.43"E
	I	25°54'25.50"N	79°39'26.69"E
17. Total Geological Reserves	2,97,716 m ³		
18. Total Mineable Reserves in LOI	1,45,650 m ³ per annum		
19. Total Proposed production in five Year	7,28,250 m ³		
20. Proposed Production/year	1,45,650 m ³ per annum		
21. Sanctioned Period of Mine lease	Five years		
22. Production of mine/day	582.6 m ³ /day		
23. Method of Mining	Method	Technology	Tools/ Machines
	Bar Scraping	Opencast, OTFM (Other than fully mechanized)	Bar scraper, Loader
24. No. of Working days	250 Days		
25. Working hours/day	8 -10 hours/day		

26. No. Of Workers	73 Manpower	
27. No. of vehicles movement/day	29 Units (Assumed Loading Capacity: 20 m ³ /Unit)	
28. Type of Land	State Government Land	
29. Ultimate Depth of Mining	2.3 m (106 mRL - 103.7 mRL)	
30. Nearest metalled road from site	Kalpi – Dgawa - Rattha Marg is 1250 m	
	Purpose	Requirement (KLD)
	Drinking	0.365
	Suppression of Dust	0.500
	Plantation	17.5
	Total	18.36
32. Name of QCI Accredited Consultant with QCI No. and period of validity.	GLOBUS ENVIRONMENT ENGINEERING SERVICES Certificate No. NABET/EIA/1821/IA0034, Valid Till December 29/2021	
33. Any litigation pending against the project or hand in any court	No	
34. Details of 500 m Cluster Map & certificate issued by Mining Officer	Cluster certificate issued by DMO (Mining Section), Jalaun. Letter No. 1441, खनिज-एम एम सी-30 , दिनांक -28-08-2020	
35. Details of Lease Area in approved DSR	Approved DSR, Ghaziabad : Page No-54, Table No-15, Sr. No-2	
36. Proposed CER Cost	Rs. 3.50 Lakhs (3% of the total Project Cost)	
37. Proposed EMP Cost	Rs. 26.05 Lakhs	
38. Length and width of Approach Road	Approach Road Length 1250 m & Width 7 m	
39. No. of Trees to be Planted	250 Trees	

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-02

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

3. Stone Mining at Gata No.-78, Village- Khamhawa Jamati, Tehsil- Chunar, Mirzapur, Shri Rahul Singh., Area -0.607 ha. File No. 5120/Proposal No. SIA/UP/MIN/ 44642/2019

A presentation was made by the project proponent along with their consultant M/s Paramarsh (Servicing Environment and Development). The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for Stone Mining at Gata No.-78, Village- Khamhawa Jamati, Tehsil- Chunar, Mirzapur, U.P. (Leased Area -0.607 ha.).
2. The terms of reference in the matter were issued by SEIAA, U.P. Ref. No. 266/Parya/SEAC/5120/2019, dated 28/08/2020.
3. The public hearing was organized on 16/01/2021. Final EIA report submitted by project proponent on 27/08/2021.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/44642/2019
2. File No. allotted by SEIAA, UP	5120

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3. Public Hearing Date	16/01/2021		
4. Public Hearing Venue	Primary school of village – Sakteshgarh, Tehsil- Chunar, District - Mirzapur, U. P		
5. Name of Proponent	Shri Rahul Singh		
6. Full correspondence address of proponent and mobile no.	Shri Rahul Singh S/o Shri Gautam Singh R/o: B-36/10-7,Kaivalya Dham Colony, Durga Kund, District- Varanasi, Uttar Pradesh.		
7. Name of Project	Environmental clearance of proposed Building Stone (Sand stone) mine at Gata No. /Araji No. - 78, Lease Area: 0.607 ha (1.49 Acres) at Village – Khamhawa Jamati, Tehsil- Chunar, District- Mirzapur, Uttar Pradesh of Shri Rahul Singh.		
8. Project location (Plot/Khasra/Gata No.)	78		
9. Name of Village	Khamhawa Jamati		
10. Tehsil	Chunar		
11. District	Mirzapur		
12. Name of Minor Mineral	Khand, Gitty/Boulders (Building stone)”		
13. Sanctioned Lease Area (in ha.)	0.607 Ha.		
14. Max. & Min mRL within lease area	The highest level is 124.80 mRL the lowest level is 120.80 mRL		
15. Pillar Coordinates (Verified by DMO)	Pillar No	N	E
	A	24° 59.651'N	82°51.939'E
	B	24° 59.625'N	82°51.967'E
	C	24° 59.611'N	82°51.504'E
	D	24° 59.642'N	82°51.883'E
16. Total Geological Reserves	322005 m ³		
17. Total Mineable Reserves	92016 m ³		
18. Total Proposed Production	30350 m ³ (5 Year)		
19. Proposed Production/year	6070 m ³		
20. Sanctioned Period of Mine lease	20 years		
21. Production of mine/day	20 m ³		
22. Method of Mining	Opencast semi- mechanized method		
23. No. of working days	300		
24. Working hours/day	8 hrs		
25. No. of workers	15		
26. No. of vehicles movement/day	2		
27. Type of Land	Govt./Non Forest Land		
28. Depth of Mining	1 m (plan period)		
29. Nearest metalled road from site	0.41 Km		
30. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.15KLD @ 10 lpcd	
	Suppression of dust	4.8 KLD @1.0 L for 1 sqm (2 time a day)	
	Plantation	0.169 KLD @ 1lit/plant (245)	
	Total	5.119 KLD	
31. Name of QCI Accredited Consultant with QCI No period of validity.	Paramarsh (Servicing Environment and Development) 118 19 October 2021		
32. Any litigation pending against the project or land in any court	No		
33. Details of 500 m Cluster Map & certificate verified by Mining Officer	Letter No-1415/Khanij/Parya/(2018-19) dated 18.09.2019		
34. Details of Lease Area in approved DSR	Page No- 12Table No- 57		
35. Proposed CER cost	Project cost –86.88 lacs/annum CER – 1.73 lacs (2% of Total Cost)		

36. Proposed EMP cost	Capital Cost- 1,80,000 Recurring cost- 1,91,028
37. Length and breadth of Haul Road	0.41 km and 6m
38. No. of trees to be planted	170

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-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-2 to these minutes.

4. Sand/Morrum mining at Gata No.-03GA, Khand No.-03, Village-Nandha, Orai, Jalaun., Shri Devnath Singh, M/s R N S Pvt. Ltd., Area -8.502 ha. File No. 5806/Proposal No. SIA/UP/MIN/ 55024/2020

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

1. The environmental clearance is sought for Sand/Morrum mining at Gata No.-03GA, Khand No.-03, Village-Nandha, Orai, Jalaun, U.P. (Leased Area -8.502 ha.), M/s R N S Pvt. Ltd.
2. The terms of reference in the matter were issued by SEIAA, U.P. Ref. No. 502/ Parya/SEAC/ 5806/ 2019, dated 04/11/2020.
3. The public hearing was organized on 20/07/2021. Final EIA report submitted by project proponent on 27/08/2021.
4. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/55024/2020
2.	File No. allotted by SEIAA, UP	5806
3.	Name of Proponent	M/s R.N.S. Pvt. Ltd.
4.	Full correspondence address of proponent and mobile no.	M/s R.N.S. Pvt. Ltd. R/o 299, Munshipur, Maunath Bhanjan, District- Mau, U.P. Mobile no.- E-mail ID-devnathsingh5418@gmail.com
5.	Name of Project	River Sand/Morrum Mining
6.	Project Location (Plot.Khasra/Gata No.)	Gata No. -3-Ga, Khand-03, Village -Nandha, Tehsil-Orai, District-Jalaun, Uttar Pradesh
7.	Name of River	Betwa
8.	Name of Village	Nandha
9.	Tehsil	Orai
10.	District	Jalaun
11.	Name of Minor Mineral	River Sand/Morrum Mining
12.	Sanctioned Lease Area (in Ha.)	8.502 ha.
13.	Max. & Min mRL within lease area	Highest mRL is 122 & Lowest Is 111 mRL
14.	Pillar Coordinates (Verified by	Pillars Latitude Longitude

	DMO)		A	25°47'22.30"N	79°17'31.20"E
			B	25°47'28.20"N	79°17'29.60"E
			C	25°47'31.40"N	79°17'27.20"E
			D	25°47'41.00"N	79°17'27.80"E
			E	25°47'33.30"N	79°17'34.50"E
			F	25°47'23.70"N	79°17'36.60"E
15.	Total Geological Reserves	255060 m ³			
16.	Total Mineable Reserve in LOI/Mine Plan	153036 m ³			
17.	Total Proposed Production	85020 m ³ /year			
18.	Proposed Production /year	85020 m ³ /year			
19.	Sanctioned Period of Mine lease	8.502 ha.			
20.	Production of mine/day	378m ³ /day			
21.	Method of Mining	Opencast, Semi-Mechanized			
22.	No. of working days	225			
23.	Working hours/day	8			
24.	No. of worker	24			
25.	No. of vehicles movement/day	37			
26.	Type of Land	Govt revenue land			
27.	Ultimate of Depth of Mining	1.05m			
28.	Nearest metalled road from site	940m			
29.	Water Requirement	PURPOSE			REQUIREMENT (KLD)
		Drinking			0.72 KLD
		Suppression of dust			3.78 KLD
		Plantation			0.5 KLD
		Others (if any)			-
		Total			5.0 KLD
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Globus environment engineering services SL. NO. 78, VALID TILL 03/04/2021			
31.	Any litigation pending against the project or land in any court	No			
32.	Details of 500 m Cluster Certificate verified by Mining Officer	vide letter no. 1448/khanij-MMC-30 dated 01/09/2020			
33.	Details of Lease Area in approved DSR	8.502 ha.			
34.	Proposed CER cost	6 lakh			
35.	Proposed EMP cost	Total project cost-3 crore			
36.	Length and breadth of Haul Road	940m & 6m			
37.	No. of Trees to be Planted	100			

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-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-1 to these minutes.

5. **Sand Mining at Gata No.-99 mi, 101 mi, 102 mi & 103, Khanda No.-02, Village- Bijhalpur, Tehsil- Ajitmal, Auraiya, Shri Dheeraj Panday., Area-11.9595 Ha. File No. 5849/Proposal No. SIA/UP/MIN/ 56592/2020**

RESOLUTION AGAINST AGENDA NO-05

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.

6. **River Bed Sand Mining at Gata No.-28, 67, 73, 76, Khand No.-02, Village- Nawada, Tehsil-Mauranipur, Jhansi, Shri Jitendra Singh, Area: 14.0 ha). File No. 6527/5672/Proposal No. SIA/UP/MIN/ 67050/2020**

RESOLUTION AGAINST AGENDA NO-06

A presentation was made by the project proponent along with their consultant M/s GreenIndia Consulting Private Limited. The committee discussed the matter and directed the project proponent to submit following information:

1. Source of drinking water along with MoU between project proponent and water supplier.
2. Detailed plantation plan with identification of green belt, type and number of plants/trees and their location.
3. Plan for mobile toilet and safe disposal of municipal solid waste.
4. Detailed transportation plan along with its maintenance plan should be submitted.

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

7. **Stone Mining at Araj No./Plot No.275, 278, Khand No.-DH/13, Village- Dharawal, Teshil- Meja, Pravagraj. Shri Adhya Prasad Mishra., Area-4.048 ha. File No. 5993/Proposal No. SIA/UP/MIN/ 58650/2020**

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

1. The environmental clearance is sought for Building Stone (Khanda, Boulder Gitti) Sand Stone mine at Araj No. /Plot No. - 275, 278, Khand No.-DH/13, Area 4.048 ha. (10.26 Acres) at Village – Dharawal, Tehsil- Meja, District- Prayagraj, Uttar Pradesh of M/s Vindh Construction Company.
2. The terms of reference in the matter were issued by SEIAA, U.P. Ref. No. 728/Parya/SEAC/5993/2019, dated 15/01/2021.
3. The public hearing was organized on 04/08/2021. Final EIA report submitted by project proponent on 29/08/2021.
4. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/58650/2020
2.	File No. allotted by SEIAA, UP	5993
3.	Name of Proponent	Shri Adhya Prasad Mishra (Prop)
4.	Full correspondence address of proponent and mobile no.	Shri Adhya Prasad Mishra (Prop) S/o Late Shri Kamla Sankar Mishra R/o- Dighiya Babgni Manda

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		Tehsil- Meja, District – Prayagraj U.P.																	
		Mobile no. – 9956476996																	
		E mail ID - constructionvindh@gmail.com																	
5.	Name of Project	Environmental Clearance for Proposed Building Stone (Khanda, Boulder Gitti) Sand Stone mine at Arajji No. /Plot No. - 275, 278, Khand No.–DH/13, Area 4.048 ha. (10.26 Acres) at Village – Dharawal, Tehsil- Meja, District- Prayagraj, Uttar Pradesh of M/s Vindh Construction Company																	
6.	Project Location (Plot. Khasra/Gata No.)	275, 278, Khand No.–DH/13																	
7.	Name of River	Tons River - 3.0* Km (NW) Ganga River - 13.16 km (N)																	
8.	Name of Village	Dharawal, 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.)	4.048 ha																	
13.	Max. & Min mRL within lease area	Highest mRL 118.0 m Lowest mRL 110.0 m																	
14.	Pillar Coordinates (Verified by DMO)	<table><tr><td>Point</td><td>Latitude</td><td>Longitude</td></tr><tr><td>A</td><td>25° 09’10.93’’N</td><td>82° 03’ 36.23’’E</td></tr><tr><td>B</td><td>25° 09’07.31’’N</td><td>82° 03’ 39.96’’E</td></tr><tr><td>C</td><td>25° 08’58.52’’N</td><td>82° 03’ 36.65’’E</td></tr><tr><td>D</td><td>25° 09’00.25"N</td><td>82° 03’ 32.65’’E</td></tr></table>			Point	Latitude	Longitude	A	25° 09’10.93’’N	82° 03’ 36.23’’E	B	25° 09’07.31’’N	82° 03’ 39.96’’E	C	25° 08’58.52’’N	82° 03’ 36.65’’E	D	25° 09’00.25"N	82° 03’ 32.65’’E
Point	Latitude	Longitude																	
A	25° 09’10.93’’N	82° 03’ 36.23’’E																	
B	25° 09’07.31’’N	82° 03’ 39.96’’E																	
C	25° 08’58.52’’N	82° 03’ 36.65’’E																	
D	25° 09’00.25"N	82° 03’ 32.65’’E																	
15.	Total Geological Reserves	11,86,350 m ³																	
16.	Total Mineable Reserve	6,10,464 m ³																	
17.	Total Proposed Production	2,02,400 m ³ (5 years)																	
18.	Proposed Production /year (as per LoI)	40,480 m ³ /annum																	
19.	Sanctioned Period of Mine lease	5 years																	
20.	Production of mine/day	135 m ³ /day																	
21.	Method of Mining	Opencast, /Semi-mechanized method																	
22.	No. of working days	300																	
23.	Working hours/day	8																	
24.	No. of worker	40																	
25.	No. of vehicles movement/day	17																	
26.	Type of Land	Govt./Non Forest Land (riverbed)																	
27.	Ultimate of Depth of Mining	12.0 m																	
28.	Nearest metalled road from site	0.72 km																	
29.	Water Requirement	<table><tr><td colspan="2">PURPOSE</td></tr><tr><td>Drinking</td><td>- 0.40 KLD</td></tr><tr><td>Suppression of dust</td><td>- 7.2 KLD</td></tr><tr><td>Plantation</td><td>- 0.26 KLD</td></tr><tr><td>Others (if any)</td><td>- 0.00 KLD</td></tr><tr><td>Total</td><td>- 7.86 KLD</td></tr></table>			PURPOSE		Drinking	- 0.40 KLD	Suppression of dust	- 7.2 KLD	Plantation	- 0.26 KLD	Others (if any)	- 0.00 KLD	Total	- 7.86 KLD			
PURPOSE																			
Drinking	- 0.40 KLD																		
Suppression of dust	- 7.2 KLD																		
Plantation	- 0.26 KLD																		
Others (if any)	- 0.00 KLD																		
Total	- 7.86 KLD																		
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	Paramarsh Servicing Environment and development NABET/EIA/1821 RA 0120 Valid till – 19/10/2021																	
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 – 3379/Khanij/Parya/2021-22 dated - 04/10/2021																	
33.	Details of Lease Area in approved DSR	Serial no. 02 Page no.40																	
34.	Project Cost	1.20 Crore/year																	

35.	Proposed CER cost	2.40 lacs/annum
36.	Proposed EMP cost	9.93 lacs
37.	Length and breadth of Haul Road	Length – 0.60 km Breadth – 6.00 m
38.	No. of Trees to be Planted	260

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-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.

8. Stone Mining at Araj No./Plot No.-59, 98, Khand No.-05, Village-Parvezabad, Tehsil-Bara, Prayagraj, M/s Mateshree Associates, Area -6.072 ha. File No. 6037/Proposal No. SIA/UP/MIN/ 59112/2020

A presentation was made by the project proponent along with their consultant M/s Paramarsh Servicing Environment and development. The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for Building Stone (Khanda, Boulder Gitti) Sand Stone mine at Araj No./Plot No.- 59, 98 Khand No.-5, Village – Parvezabad Tehsil- Bara, District- Prayagraj, Uttar Pradesh, M/s Mateshree Associates.
2. The terms of reference in the matter were issued by SEIAA, U.P. Ref. No. 18/Parya/SEAC/6037/2019, dated 06/04/2021.
3. The public hearing was organized on 05/08/2021. Final EIA report submitted by project proponent on 31/08/2021.
4. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/59112/2020		
2.	File No. allotted by SEIAA, UP	6037		
3.	Name of Proponent	M/s Mateshree Associates		
4.	Full correspondence address of proponent and mobile no.	Smt. Rinku Singh (Prop) W/o Shri Uday Kumar		
		R/O - 16 F 811, Kajipur, Naini, District – Prayagraj U.P.		
		Mobile no. – 9839877775		
		E mail ID - mastoneald@gmail.com		
5.	Project Location (Plot. Khasra/Gata No.)	59, 98 Khand No.-5		
6.	Name of River	Yamuna River – 6.22 Km (N)		
7.	Name of Village	Parvezabad Tehsil- Bara, District- Prayagraj, Uttar Pradesh		
8.	Tehsil	Bara		
9.	District	Prayagraj		
10.	Name of Minor Mineral	Building Stone (Khanda, Boulder Gitti)		
11.	Sanctioned Lease Area (in Ha.)	2.834 ha		
12.	Max. & Min mRL within lease area	The highest level is 114.0mRL The lowest level is 109.50 mRL		
13.	Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude
		A	25° 17.744"N	81° 41.866"E

		B	25° 17.705"N	81° 41.893"E
		C	25° 17.636"N	81° 41.931"E
		D	25° 17.520" N	81° 41.817"E
		E	25° 17.602"N	81° 41.748"E
		F	25° 17.626" N	81° 41.747"E
14.	Total Geological Reserves	26,41,429 m ³		
15.	Total Mineable Reserve	13,11,408 m ³		
16.	Total Proposed Production	3,03,600 m ³ (5 Year)		
17.	Proposed Production /year (as per LoI)	60,720 m ³		
18.	Sanctioned Period of Mine lease	20 years		
19.	Production of mine/day	2020 m ³ /day		
20.	Method of Mining	Opencast semi- mechanized method		
21.	No. of working days	300		
22.	Working hours/day	8		
23.	No. of worker	39		
24.	No. of vehicles movement/day	16		
25.	Type of Land	Govt./Non Forest Land		
26.	Ultimate of Depth of Mining	30.0 m (For Mining Plan Period)		
27.	Nearest metalled road from site	0.80 km		
28.	Water Requirement	PURPOSE		
		Drinking - 0.39 KLD		
		Suppression of dust - 7.8 KLD		
		Plantation - 0.29 KLD		
		Others (if any) - 0.00 KLD		
		Total - 8.48 KLD		
29.	Name of QCI Accredited Consultant with QCI No and period of validity.	Paramarsh Servicing Environment and Development NABET/EIA/1821 RA 0120 Valid till – 19/10/2021		
30.	Any litigation pending against the project or land in any court	No		
31.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No-3093/Khanij/2021-22 dated 14/09/2021		
32.	Details of Lease Area in approved DSR	Serial no. 217 Page no. 34		
33.	Project Cost	1.40 Crore/annum		
34.	Proposed CER cost	2.8 lacs/annum		
35.	Proposed EMP cost	9.0 lacs/annum		
36.	Length and breadth of Haul Road	Length – 0.65 km Breadth – 6.00 m		
37.	No. of Trees to be Planted	290		

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-2 to these minutes.

9. Stone Mining at Gata No./Araji No./Plot No.-188 Mi, Village-Lahaura, Tehsil- Chunar, Mirzapur, U.P., Shri Mukesh Singh Area -2.828 ha. File No. 5076/Proposal No. SIA/UP/MIN/43230/2019

A presentation was made by the project proponent along with their consultant M/s Paramarsh Servicing Environment and Development. The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for Stone Mining at Gata No./Araji No./Plot No.-188, Village-Lahaura, Tehsil- Chunar, Mirzapur, U.P., (Leased Area -2.828 ha.).
2. The terms of reference in the matter were issued by SEIAA, U.P. Ref. No. 530/ Parya/SEAC/ 5076/ 2019, dated 16/01/2021.
3. The public hearing was organized on 31/03/2021. Final EIA report submitted by project proponent on 01/09/2021.
4. Salient features of the project as submitted by the project proponent:

1. Sanction features of the project as submitted by the project proponent.			
1. On-line proposal No.	SIA/UP/MIN/43230/2019		
2. File No. allotted by SEIAA, UP	5076		
3. Public Hearing Date	31/03/2021		
4. Public Hearing Venue	Primary school of village – Lahaura, Tehsil- Chunar, District - Mirzapur, U.P.		
5. Name of Proponent	Shri Mukesh Singh S/o Shri Sheetala Singh		
6. Full correspondence address of proponent and mobile no.	R/o: Village- Akodi, Tehsil- Sadar, District- Mirzapur, U.P.		
7. Name of Project	Environmental clearance of proposed Building stone (Sandstone) mine at Gata No. /Araji /Plot No. -188 Mi, Lease Area: 2.828 ha (7.0 acres) at Village-Lahaura, Tehsil- Chunar, District- Mirzapur, Uttar Pradesh of Shri Mukesh Singh.		
8. Project location (Plot/Khasra/Gata No.)	188		
9. Name of Village	Lahaura		
10. Tehsil	Chunar		
11. District	Mirzapur		
12. Name of Minor Mineral	Building stone (Sandstone)		
13. Sanctioned Lease Area (in ha.)	2.828 ha		
14. Max. & Min mRL within lease area	The highest level is 181.20 mRL The lowest level is 171.90mRL		
15. Pillar Coordinates (Verified by DMO)	Pillar No	N	E
	A	24° 59'50.04''	82° 45'35.64''
	B	24° 59'50.15''	82° 45'38.79''
	C	24° 59'39.78''	82° 45'39.37''
	D	24° 59'39.69''	82° 45'36.27''
16. Total Geological Reserves	8,80,048 m ³		
17. Total Mineable Reserves	3,10,704 m ³		
18. Total Proposed Production	1,41,400 m ³ (5 Year)		
19. Proposed Production/year	28,280 m ³		
20. Sanctioned Period of Mine lease	20 years		
21. Production of mine/day	94.26 m ³		
22. Method of Mining	Opencast semi- mechanized method		
23. No. of working days	300		
24. Working hours/day	8 hrs		
25. No. of workers	52		
26. No. of vehicles movement/day	8		
27. Type of Land	Govt./Non Forest Land		

28. Depth of Mining	12 m	
29. Nearest metalled road from site	0.68 Km	
30. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.52KLD @ 10 lpcd
	Suppression of dust	8.16 KLD @1.0 L for 1 sqm (2 time a day)
	Plantation	0.287 KLD @ 1 lit/plant
	Total	8.97 KLD
31. Name of QCI Accredited Consultant with QCI No period of validity.	Paramarsh Servicing Environment and Development 116 19 October 2021	
32. Any litigation pending against the project or land in any court	No	
33. Details of 500 m Cluster Map & certificate verified by Mining Officer	Letter No-1126 dated 09.09.2019	
34. Details of Lease Area in approved DSR	Page No- 10 Sr. No-04	
35. Proposed CER cost	Project cost – 1.041 Crore/annum CER – 2.08 lacs (2% of Total Cost)	
36. Proposed EMP cost	Capital Cost: 2,97,000.00 Recurring Cost: 11,70,420	
37. Length and breadth of Haul Road	0.68 km and 6m	
38. No. of trees to be planted	287	

- 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).

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.

10. Sand/ Morrum Mining from Dhasan River Bed at Khand No.-04, Village-Tolakhangaram, Tehsil- Rath, Hamirpur, Shri Sachin Gupta, Area: 21 ha. File No. 6537/5719/Proposal No. SIA/UP/MIN/ 66062/2020

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:-

- The environmental clearance is sought for Sand/ Morrum Mining at Khand No. 04, Village-Tolakhangan, Tehsil- Rath, District- Hamirpur, U.P., (Leased Area 21.0 ha), M/s M R Gupta and Company Pvt. Ltd.
- The terms of reference in the matter were issued by SEIAA, U.P. Ref. No. 313/ Parya/SEAC/ 5719/ 2020, dated 11/09/2020.
- The public hearing was organized on 14/07/2021. Final EIA report submitted by project proponent on 02/09/2021.
- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/54439/2020
2. File No. allotted by SEIAA, UP	5719

3. Name of Proponent	Shri Sachin Gupta		
4. Full correspondence address of proponent and mobile No.	1B L. S. C. Narayan Industrial area Phase- 2, District- Delhi		
	Mobile No-		
	Email-		
5. Name of Project	Riverbed Sand/Morrum mining project		
6. Project location (Plot/Khasra/Gata No.)	Khand No. 04		
7. Name of River	Dhasan		
8. Name of Village	Tolakhangan		
9. Tehsil	Rath		
10. District	Hamirpur		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in Ha.)	21		
13. Max & Min mRL within lease area	Max- 126 mRL and Min- 124.34 mRL		
14. Pillar Coordinates (Verified by DMO)	Pillar No.	Latitude	Longitude
	A	25°42'51.61"N	79°22'13.98"E
	B	25°42'42.85"N	79°22'29.99"E
	C	25°42'27.25"N	79°22'22.76"E
	D	25°42'35.62"N	79°22'12.69"E
15. Total Geological Reserves	5,57,808 cum		
16. Total Mineable Reserves in LOI	3,35,959 cum		
17. Total Proposed Production	16,79,795 cum		
18. Proposed Production/year	3,35,959 cum		
19. Sanctioned Period of Mine lease	5 years		
20. Production of mine/day	1292.15		
21. Method of Mining	Open Cast Semi-mechanized Method		
22. No. of working days	260 days		
23. Working hours/day	8 hrs		
24. No. of workers	65		
25. No. of vehicles movement/day	97		
26. Type of Land	Government waste land		
27. Ultimate Depth of Mining	1.66		
28. Nearest metalled road from site	1.0 km		
29. Water Requirement	PURPOSE		REQUIREMENT (KLD)
	Drinking		0.65
	Suppression of dust		10.92
	Plantation		1.05
	Others (if any)		-
	Total		12.62
30. Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt Ltd. 1922, validity= 03-02-2022		
31. Any litigation pending against the project or land in any court	No		
32. Details of 500 m Cluster Map & certificate issued by Mining Officer	Yes, 428/ Khanij M M C- Tees- Vividh(2020-2021)		
33. Details of Lease Area in approved DSR	Yes the lease area is given in DSR		
34. Proposed CER cost	Rs 6,24,000 /-		
35. Proposed EMP cost	Rs 26,99,525 /-		
36. Length and breadth of Haul Road	Length: 0.9 km, width: 6 m		
37. No. of Trees to be Planted	525 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-10

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.

11. Sand Mining from Ghaghra River Bed at Gata No.-1048 & 1049, Village- Manjha Barehata, Tehsil- Sadar, District- Ayodhya, Shri Gyan Chand Jaiswal, Area -25.00 ha. File No. 6540/6009/Proposal No. SIA/UP/MIN/ 67042/2020

A presentation was made by the project proponent along with their consultant M/s ENV Development Assistance Systems (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for Sand Mining from Ghaghra River Bed at Gata No.-1048 & 1049, Village- Manjha Barehata, Tehsil- Sadar, District- Ayodhya, U.P. (Leased Area -25.00 ha.).
2. The terms of reference in the matter were issued by SEIAA, U.P. Ref. No. 707/ Parya/SEAC/6009/2019, dated 15/01/2021.
3. The public hearing was organized on 28/06/2021. Final EIA report submitted by project proponent on 03/09/2021.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/67042/2020		
2. File No. allotted by SEIAA, UP	6540/6009		
3. Name of Proponent	Shri Gyanchand Jaiswal		
4. Full correspondence address of proponent and mobile no.	Shri Gyan Chand Jaiswal S/o Late Pherulal Jaiswal Proprietor- Shri Gyanchand Jaiswal Village- Meerpur Kanta, Tehsil- Sohawal, District-Faizabad, U.P.		
5. Name of Project	Ordinary Sand Mining		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 1048 & 1049		
7. Name of River	Ghaghra		
8. Name of Village	Manjha Barehata		
9. Tehsil	Sadar		
10. District	Ayodhya		
11. Name of Minor Mineral	Ordinary Sand Mining		
12. Sanctioned Lease Area (in ha)	25.0 ha		
13. Mineable Area (in ha)	22.75 ha		
14. Zero level mRL	85 mRL		
15. Max. & Min mRL within lease area	94 mRL and 88 mRL		
16. Pillar Coordinates (Verified by DMO)	Sanctioned Area		
	Points	Latitude	Longitude
	A	26°47'35.20"N	82°14'23.30"E
	B	26°47'40.50"N	82°14'12.90"E
	C	26°47'49.90"N	82°14'3.10"E
	D	26°47'55.30"N	82°14'1.00"E
	E	26°47'57.10"N	82°14'10.90"E
	F	26°47'43.80"N	82°14'29.20"E
17. Total Geological Reserves	6,25,231 m ³		
18. Total Mineable Reserves in LOI	3,75,000 m ³ /year		
19. Total Proposed Production	3,75,000 m ³ /year (18,75,000 m ³ in 05 years)		

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20. Proposed Production/year	3,75,000 m ³	
21. Sanctioned Period of Mine lease	5 years	
22. Production of mine/day	1,364 m ³ /day	
23. Method of Mining	Opencast semi-mechanized	
24. No. of working days	275 days	
25. Working hours/day	12 hours	
26. No. of workers	Approximately 87 labours	
27. No. of vehicles movement/day	98 units	
28. Type of Land	Non – Agricultural, Govt. Waste Land (Revenue land)	
29. Ultimate Depth of Mining	1.78 m	
30. Nearest metalled road from site	SH 30 (Basti-Lucknow Road) – 1.0 km (SW)	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	1.26
	Suppression of dust	10.2
	Plantation	0.06
	Total	11.52 KLD
	Others (Stored water)	0.10
	Sub-Total	11.62 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1821/SA 102 and Valid till 02.12.2021.	
33. Any litigation pending against the project or land in any court	None	
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by District Mines Officer, Ayodhya, Letter No. 455/ तीस उपखनिज/ क्ल0प्र0पत्र0/ 2020 dated 17.10.2020	
35. Details of Lease Area in approved DSR	Page 10, Sl. No. 5 as per letter no. 1839/Tees Upkhanij/2018 dated 16.01.2018 of District Magistrate, Ayodhya	
36. Proposed CER cost	2% of total project cost i.e. Rs. 21,32,276.875/-	
37. Proposed EMP cost/ Total Project Cost	Rs. 30,23,594/- & 10,66,13,843.75/- respectively	
38. Length and Width of Haul Road	Unpaved Length 0.85 km and 6 m width	
39. No. of Trees to be Planted	125	
40. Period of baseline monitoring	Pre Monsoon Season (1 st March- 31 st May 2018)	

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-11

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.

(Dr. Harikesh Bahadur Singh)
Chairman, SEAC-2

(Dr. Amrit Lal Haldar)
Member, SEAC-2

(Dr. Dineshwar Prasad Singh)
Member, SEAC-2

(Tanzar Ullah Khan)
Member, SEAC-2

(Prof. Jaswant Singh)
Member, SEAC-2

(Dr. Shiv Om Singh)
Member, SEAC-2

Annexure-1

General and Specific Conditions for Sand/Morum Mining Proposals

General Conditions:

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

projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such program me. The project proponent shall provide separate budget for community development activities and income generating programmes.

19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
21. Dispensary facilities for first-aid shall be provided at site.
22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions the District Mining Officer will report to SEIAA.
24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad/ Municipal Corporation and Urban Local Body.
26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
31. Under corporate social responsibility a sum of 5% of the total project cost or total income whichever is higher is to be earmarked for total lease period. Its budget is to be separately maintained. CER component shall be prepared based on need of local habitant. Income generating measures which can help in upliftment of poor section of society, consistent with the traditional skills of the people shall be identified. The programme can include activities such as development of fodder farm, fruit bearing orchards, free distribution of smokeless Chula etc.
32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Integrated Regional Office, MoEF&CC, GoI, Lucknow, SEIAA, U.P and UPPCB.
34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.

36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Integrated Regional Office, MoEF&CC, GoI, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Specific Conditions:

1. The Environmental clearance will be co-terminus with the mining lease period.
2. At the time of operation, project proponent will comply with all the guidelines issued by Government of India/State Govt./District Administration related to Covid-19.
3. Environment management in according to environmental status and impact of the project.

4. During the school opening and closing time transportation of minerals will be restricted.
5. Selection of plants for green belt should be on the basis of pollution removal index. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
6. No mining activity should be carried out in-stream channel as per SSMMG, 2016.
7. Pakka motorable haul road to be maintained by the project proponent.
8. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
9. Permission from the competent authority regarding evacuation route should be taken.
10. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
11. Provision for cylinder to workers should be made for cooking.
12. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
13. Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road. Width of the haul road shall be more than 6 meter.
14. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
15. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
16. Provision for two toilets and hand pumps should be made at mining site.
17. Drinking water for workers would be provided by tankers.
18. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
19. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
20. Corporate Environmental Responsibility (CER) plan shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018.
21. Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
22. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
23. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
24. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
25. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
26. If in future this lease area becomes part of cluster of equal to or more than 05 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
27. Project falling within 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
28. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
29. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 05 ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 05 ha, the E.C issued will stand revoked.

30. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
31. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
32. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width which-ever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
33. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
34. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
35. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
36. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
37. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS))].
38. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
39. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
40. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
41. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
42. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
43. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
44. Solid waste material viz., gutkha pouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
45. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
46. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Integrated Regional Office, MoEF&CC, GoI, Lucknow, SEIAA, U.P. and UPPCB.
47. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Integrated Regional Office, MoEF&CC, GoI, Lucknow, CPCB, State PCB.

48. The MoEF&CC/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
49. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
50. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
51. Waste water from potable use be collected and reused for sprinkling.
52. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

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.