

Minutes of 569th SEAC-1 Meeting Dated 09/09/2021

The 569th meeting of SEAC-1 was held in the Directorate of Environment, U.P. through dual-mode (physically/virtually) at 11:00 AM on 09/09/2021. Following members participated in the meeting:

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

The Chairman welcomed the members to the 569th SEAC-1 meeting which was conducted via dual-mode (virtually/physically).

Nodal officer, SEAC-1 also 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. **Stone Mining at Gata No.-2/4, Khand No.-01, Village-Jujhar, Tehsil-Sadar, District-Mahoba., Shri Seeraj Dhawaj Singh, Area-4.048 ha. File No. 6415 Proposal No. SIA/UP/MIN/61245/2021**

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

1. The Terms of References are sought for Stone Mining at Gata No.-2/4, Khand No.-01, Village-Jujhar, Tehsil-Sadar, District- Mahoba, U.P. (Leased Area-4.048 ha.).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/61245/2021		
2. File No. allotted by SEIAA, U.P	6415		
3. Name of Proponent	Shri Seeraj Dhawaj Singh S/o Shri Mahiraj Dhawaj		
4. Full correspondence address of proponent and mobile no.	R/o - Kailashpuri, Thana Kotwali Nagar, District - Banda(U.P.)		
5. Name of Project	Building Stone, Khanda, Boulder, Ballast (Gitti) Mining Project		
6. Project location (Plot/Khasra/Gata No.)	Arazi No. 2/4 (Khand No. – 01),		
7. Name of River	NA		
8. Name of Village	Jujhar		
9. Tehsil	Sadar		
10. District	Mahoba (U.P.)		
11. Name of Minor Mineral	Building Stone, Khanda, Boulder, Ballast (Gitti) Mining Project		
12. Sanctioned Lease Area (in Ha.)	4.048 Ha.		
13. Mineable Area (in Ha.)	3.2467 Ha. (Safety Margin 0.8013 Ha.)		
14. Zero level mRL	NA		
15. Max. & Min mRL within the lease area	Maximum & Minimum mRL is 178.5 & 150.0 mRL respectively.		
16. Pillar Coordinates (Verified by DMO)	Pillar	Latitude(N)	Longitude(E)
	A	25°24'9.803"N	79°55'24.088"E

	B	25°24'16.770"N	79°55'30.967"E
	C	25°24'15.083"N	79°55'33.283"E
	D	25°24'15.634"N	79°55'38.107"E
	E	25°24'14.942"N	79°55'37.498"E
	F	25°24'14.842"N	79°55'35.629"E
	G	25°24'6.859"N	79°55'27.474"E
17. Total Geological Reserves	23,89,860 m ³		
18. Sanction Quantity as per LOI	1,61,920 m ³ per year as per LOI		
19. Total Proposed Production (in five years)	8,09,600 m ³ in five year		
20. Proposed Production/year	1,61,920 m ³ per year		
21. Sanctioned Period of Mine lease	10 Years as per LOI		
22. Production of mine/day	539.73 m ³ /day		
23. Method of Mining	Opencast, Semi-Mechanized		
24. No. of working days	300		
25. Working hours/day	8 hours/day		
26. No. Of workers	18		
27. No. Of vehicles movement/day	41-43 Vehicles movement/day		
28. Type of Land	Building Stone(Khanda, Boulder, Ballast (Gitti) Mining Project		
29. Ultimate Depth of Mining	6.0 m		
30. The nearest metalled road from the site	NH-76 is about 6.41 km towards South-East direction from the project site.		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking water	0.4 KLD	
	Dust suppression	2.4 KLD	
	Plantation	2.0 KLD	
	Others (if any)	-	
	Total	4.8 KLD Approx.	
32. Name of QCI Accredited Consultant with QCI no. and the period of validity.	Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/ EIA/ 1922/RA 0200 Valid up to 30 Dec 2022		
33. Any litigation pending against the project or land in any court	No		
34. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 7311/ एम०एम०सी०-30/2020-21 Date- 07/12/2020		
35. Details of Lease Area in approved DSR	Corrigendum Letter no: 154/M.M.C-30-Khanij(2021-22) dated 12/05/2021 serial no - 52 page no-3		
36. Proposed EMP cost	Rs. 59,52,000/-		
37. Proposed Total Project cost	Rs. 95,00,000/-		
38. Length and breadth of Haul Road	200 m length and 6.0 m width		
39. No. of Trees to be Planted	2000		

- 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-01

The committee discussed the matter and recommended to issue the terms of References (ToR) for the preparation of EIA as annexed at annexure-1. The committee also stipulated flowing additional ToR:

- The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.

2. Stone Mining at Gata No.-989, Khand No.-07, Village-Makarbai, Tehsil-Sadar, District-Mahoba, U.P. Smt. Sunaina, M/s Kanhaiya Enterprises, Area-0.809ha. File No. 6417/Proposal No. SIA/UP/MIN/61833/2021

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

1. The Terms of References are sought for Stone Mining at Gata No.-989, Khand No.-07, Village-Makarbai, Tehsil-Sadar, District- Mahoba, U.P., (Leased Area-0.809 ha.), M/s Kanhaiya Enterprises.
2. Salient features of the project as submitted by the project proponent:

2. Salient features of the project as submitted by the project proponent:				
1. On-line proposal No.	SIA/UP/MIN/61833/2021			
2. File No. allotted by SEIAA, U.P	6417			
3. Name of Proponent	M/s Kanhaiya Enterprises Proponent -Smt. Sunaina W/o- Shri Mahesh Tiwari			
4. Full correspondence address of proponent and mobile no.	R/O-Mu. Kidbai Nagar, Kabrai District-Mahoba(U.P)			
5. Name of Project	Building Stone, Khanda, Boulder, Ballast (Gitti) Mining Project			
6. Project location (Plot/Khasra/Gata No.)	Arazi No. 989 (Khand No. – 07),			
7. Name of River	NA			
8. Name of Village	Makarbai			
9. Tehsil	Sadar			
10. District	Mahoba (U.P.)			
11. Name of Minor Mineral	Building Stone, Khanda, Boulder, Ballast (Gitti) Mining Project			
12. Sanctioned Lease Area (in Ha.)	0.809 Ha.			
13. Mineable Area (in Ha.)	0.47 Ha. (Safety Margin 0.339 Ha.)			
14. Zero level mRL	NA			
15. Max. & Min mRL within the lease area	Maximum & Minimum mRL is 216.95 & 193.10 mRL respectively.			
16. Pillar Coordinates (Verified by DMO)	Pillar	Latitude(N)	Longitude(E)	
	A	25°19'57.941"	79°59'30.836"	
	B	25°19'57.158"	79°59'32.076"	
	C	25°19'50.590"	79°59'31.160"	
	D	25°19'51.338"	79°59'29.648"	
17. Total Geological Reserves	1,97,240 m ³			
18. Sanction Quantity as per LOI	40,000 m ³ per year as per LOI			
19. Total Proposed Production (in two years)	56,898 m ³ for two year			
20. Proposed Production/year	40,000 m ³ per year			
21. Sanctioned Period of Mine lease	10 Years as per LOI			
22. Production of mine/day	133.33 m ³ /day			
23. Method of Mining	Opencast, Semi-Mechanized			
24. No. of working days	300			
25. Working hours/day	8 hours/day			
26. No. Of workers	39			
27. No. Of vehicles movement/day	10-12 Vehicles movement/day			
28. Type of Land	Building Stone(Khanda, Boulder, Ballast (Gitti) Mining Project			
29. Ultimate Depth of Mining	6.0 m			
30. The nearest metalled road from the site	NH-76 is about 4.0 km towards the West direction from the project site.			
31. Water Requirement	PURPOSE		REQUIREMENT (KLD)	

	Drinking water	0.49 KLD
	Dust suppression	3.0 KLD
	Plantation	0.4 KLD
	Others (if any)	-
	Total	3.89 KLD Approx.
32. Name of QCI Accredited Consultant with QCI no. and the period of validity.	Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/ EIA/ 1922/RA 0200 Valid up to 30 Dec 2022	
33. Any litigation pending against the project or land in any court	No	
34. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 7506/ एम०एम०सी०-30/2020-21 Date- 26/12/2020	
35. Details of Lease Area in approved DSR	Amendment Letter no:154/M.M.C-30-Khanij(2021-22) dated 12/05/2021	
36. Proposed EMP cost	22,82,000/-	
37. Proposed Total Project cost	Rs. 80,00,000/-	
38. Length and breadth of Haul Road	250 m length and 6.0 m width	
39. No. of Trees to be Planted	400	

- 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-02

The committee discussed the matter and recommended to issue the terms of References (ToR) for the preparation of EIA as annexed at annexure-1. The committee also stipulated following additional ToR:

- The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
- 3. Stone Mining at Gata No.-669, Khand No.-12, Village-Khailar, Tehsil-Sadar, District-Mahoba., Shri Sahab Singh., Area-3.0 ha. File No. 6418/Proposal No. SIA/UP/MIN/64291/2021**

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 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: -

- The Terms of References are sought for Stone Mining at Gata No.-669, Khand No.-12, Village-Khailar, Tehsil-Sadar, District- Mahoba, U.P., (Leased Area-3.0 ha.).
- Salient features of the project as submitted by the project proponent:

1. Agenda No. & Meeting Date	Sr. No. 03, SEAC-1, 569 th Meeting Dated- 09-09-2021
2. On-line proposal No.	SIA/UP/MIN/64291/2021 Dated: 29-06-2021
3. File no. allotted by SEIAA, UP	6418
4. Name of Proponent	Shri Sahab Singh S/o Late Hari Singh
5. Full correspondence address of proponent and mobile no.	Gram & Post- Badgaon, Tehsil & District – Jhansi (U.P).284121
6. Name of Project	Khandas-Boulder /Gitti-Ballast Mining Project
7. Name of River	None, within a 10 Km radius area of the mine site.
8. Project location	Gata No - 669 (Khand No - 12), Area: 3.0 Ha,

(Plot/Khasra/Gata No.)	Village: Khailar, Tehsil: Sadar, District: Jhansi, State: Uttar Pradesh				
9. Name of Minor Mineral	Khandas-Boulder /Gitti-Ballast				
10. Schedule (as per EIA notification 2006)	1(a)				
11. Category of Project	B(1)				
	S. No.	Village	Gata No.	Khand No.	Area (Ha)
	1	Khailar	669	-	2.509
	2	Khailar	669	-	2.023
	3	Khailar	669	-	2.225
	4	Khailar	669	-	2.530
	5	Khailar	669	-	2.530
	6	Khailar	669	-	2.023
	7	Khailar	669	-	2.023
	8	Khailar	669	-	1.655
	9	Khailar	669	-	3.237
	10	Khailar	669	-	2.0
	11	Khailar	669	-	3.0 (Proposed)
			Total Area= 25.755 Ha		
	Since the total area exceeds 5Ha, therefore as per MoEF&CC, GoI O.M. No. L-11011/175/2018-IA-II (M) Dated: 12/12/2018 if a cluster or an individual lease exceeds 5 Ha (Cluster Certificate attached as Annexure) the EIA/EMP be made applicable in the process of grant of prior Environmental Clearance.				
12. Sanctioned Lease Area (in Ha.)	Total Lease Area: 3.0 Ha				
13. Mineable/Workable Area (in Ha.)	3.0 Ha				
14. Project Status	New Mine, District Magistrate has given consent vide letter no. 2093/ 30 एम. एम. सी. / 2020-21, Dated 05/02/2021 for the exploitation for 20 Years having production capacity 75,000 m ³ / annum				
15. Pillar Coordinates (Verified by DMO)	Pillars		Latitude(N)		Longitude(E)
	A		25°21'1.90"N		78°31'16.80"E
	B		25°21'1.88"N		78°31'11.47"E
	C		25°20'56.27"N		78°31'11.36"E
	D		25°20'54.90"N		78°31'16.90"E
Toposheet No: 54K/11 and 54K/7					
16. Max. & Min mRL within lease area	Highest Point :295mRL Lowest Point :276mRL				
17. Total Geological Reserves	14,07,873 m ³				
18. Total Mineable Reserves (in approved mining plan)	9,70,577 m ³				
19. Proposed Production/year	75000 m ³ per annum				
20. Sanctioned Period of Mine lease	20 years				
21. Production of mine/day	288.46m ³ /day				
22. Method of Mining	Method	Technology		Tools/ Machines	
	Manual mining with drilling and blasting	Opencast, semi-mechanized (Other than fully mechanized)		Jackhammer drill rods, Blasting material	
23. No. of Working days	260 Days				
24. Working hours/day	8 hours/day				
25. No. of Workers	51				
26. No. of vehicles movement/day	81 Units (Assumed Loading Capacity: 10 m ³ /Unit)				
27. Type of Land	State Government Land				
28. Ultimate Depth of Mining	24 m (295mRL – 271 mRL)				

	(source: Approved Mining Plan)			
29. Nearest metalled road from site	Babina Road, 1.45Km, East			
30. Water Requirement	Source	Purpose	Detail	Avg. Demand /Day(in KLD)
	Portable Tanker	Drinking @15 lpcd/worker	51 workers x 15lpcd = 765lit/day	0.765KLD
		Land reclamation/plantation @2 Lit/Tree	600Trees x2liters) = 1200 Lit/day	1.2 KLD
		Dust suppression twice a day (Haulage Road Area) @1 Lit/Sq.m	Haul Road Area = (870m Length x 7m Width = 6090m ²) x 1 lit/sq.m = 6090 litx 2(Twice per day) = 12180 lit/day	12.18 KLD
	Total			14.15 KLD
31. Name of QCI Accredited Consultant with QCI No. and period of validity.	Globus Environment Engineering ServicesCertificate no. NABET/EIA/1821/IA0034, Extension Validity Till September 29/2021			
32. Any litigation pending against the project or hand in any court	No			
33. Details of 500 m Cluster Map & certificate issued by Mining Officer	Cluster certificate issued by DMO (Mining Section), Jhansi Letter No. 11/30एम.एम. सी/2020-21, Date - 05/04/2021.			
34. Details of Lease Area in approved DSR	Pg No. 40, Sr. No. 27			
35. Total Cost of Project	Rs. 199.37 Lakhs			
36. Proposed CER Cost	Rs. 3.99 Lakhs (2% of the total Project Cost)			
37. Proposed EMP Cost	Rs. 36.24 Lakhs			
38. Length and breadth of Haul Road	Length 870 m & Width 7 m			
39. No. of Trees to be Planted	600 Trees			

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

Dr. Ajai Mishra, Member, SEAC-1 recused during the appraisal of this proposal. The remaining committee discussed the matter and recommended to issue the terms of References (ToR) for the preparation of EIA as annexed at annexure-1. The committee also stipulated flowing additional ToR:

1. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
4. **Stone Mining at Gata No.-669, Khand No.-07, at Village-Khailar, Tehsil-Sadar, District-Mahoba., Shri Siddharth Yadav, Area-2.530 ha. File No. 6420/Proposal No. SIA/UP/MIN/64125/2021**

The nodal SEAC-1 informed the committee that the above project proposal has already been taken by the SEAC-1 on 08/09/2021 at the request of the consultant. Hence, no action is required.

5. Stone Mining at Gata No.-856, Khand No.04, Village-PaliPahari, Tehsil-Sadar, District-Jhansi., Shri Deepak Wadhi., Area-0.728 ha. File No. 6421/Proposal No. SIA/UP/MIN/197551/2021
RESOLUTION AGAINST AGENDA NO-05

The project proponent through a letter dated 09/09/2019 requested to defer the matter to the coming SEAC-1 meeting. The committee allowed the project proponent to defer the matter as per the request made by the project proponent. The file shall not be treated as pending at SEAC-1. The matter will be discussed only after submission of online request on the prescribed online portal

6. Stone Mining at Gata No.745/2, Village-Makarbai, Tehsil-Sadar, District- Jhansi., Shri Suraj Prasad Gupta., Area-1.182 ha. File No. 6422/Proposal No. SIA/UP/MIN/217555/2021

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 Paramarsh (Servicing Environment and Development). Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for Building Stone (Khanda, Gitti, Boulder) Mining at Gata No.- 745/2, Village- Makarbai, Tehsil- Mahoba, District- Mahoba, U.P., (Leased Area- 1.182 ha./ 2.92 Acre)
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/217555/2021																																										
2.	File No. allotted by SEIAA, UP	6422																																										
3.	Name of Proponent	Shri Suraj Prasad Gupta S/o Shri Kalicharan Gupta																																										
4.	Full correspondence address of the proponent	R/o- Kabrai, Tehsil- Mahoba, District- Mahoba, U.P.																																										
5.	Name of Project	Building Stone (Khanda, Gitti, Boulder) Mining Project																																										
6.	Project location (Plot/ Khasra /Gata No.)	Gata No.- 745/2																																										
7.	Name of Village	Makarbai																																										
8.	Tehsil	Mahoba																																										
9.	District	Mahoba																																										
10.	Name of Minor Mineral	Building Stone (Khanda, Gitti, Boulder)																																										
11.	Sanctioned Lease Area (in Ha.)	1.182 ha./ 2.92 Acre																																										
12.	Max.& Min mRL within lease area	173.5 mRL- 169.8 mRL																																										
13.	Pillar Coordinates(Verified by DMO)	<table border="1"> <thead> <tr> <th>Pillars</th><th>Latitude (N)</th><th>Longitude (E)</th></tr> </thead> <tbody> <tr><td>A</td><td>25° 21' 14.40"N</td><td>79° 59' 18.10"E</td></tr> <tr><td>B</td><td>25° 21' 13.55"N</td><td>79° 59' 19.74"E</td></tr> <tr><td>C</td><td>25° 21' 13.22"N</td><td>79° 59' 19.53"E</td></tr> <tr><td>D</td><td>25° 21' 12.55"N</td><td>79° 59' 20.60"E</td></tr> <tr><td>E</td><td>25° 21' 11.50"N</td><td>79° 59' 20.15"E</td></tr> <tr><td>F</td><td>25° 21' 10.98"N</td><td>79° 59' 20.61"E</td></tr> <tr><td>G</td><td>25° 21'10.91"N</td><td>79° 59' 19.53"E</td></tr> <tr><td>H</td><td>25° 21' 11.10"N</td><td>79° 59' 19.24"E</td></tr> <tr><td>I</td><td>25° 21' 11.52"N</td><td>79° 59' 19.60"E</td></tr> <tr><td>J</td><td>25° 21' 11.50"N</td><td>79° 59' 16.57"E</td></tr> <tr><td>K</td><td>25° 21' 11.10"N</td><td>79° 59' 16.25"E</td></tr> <tr><td>L</td><td>25° 21' 11.60"N</td><td>79° 59' 15.39"E</td></tr> <tr><td>M</td><td>25° 21' 13.40"N</td><td>79° 59' 16.45"E</td></tr> </tbody> </table>	Pillars	Latitude (N)	Longitude (E)	A	25° 21' 14.40"N	79° 59' 18.10"E	B	25° 21' 13.55"N	79° 59' 19.74"E	C	25° 21' 13.22"N	79° 59' 19.53"E	D	25° 21' 12.55"N	79° 59' 20.60"E	E	25° 21' 11.50"N	79° 59' 20.15"E	F	25° 21' 10.98"N	79° 59' 20.61"E	G	25° 21'10.91"N	79° 59' 19.53"E	H	25° 21' 11.10"N	79° 59' 19.24"E	I	25° 21' 11.52"N	79° 59' 19.60"E	J	25° 21' 11.50"N	79° 59' 16.57"E	K	25° 21' 11.10"N	79° 59' 16.25"E	L	25° 21' 11.60"N	79° 59' 15.39"E	M	25° 21' 13.40"N	79° 59' 16.45"E
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M	25° 21' 13.40"N	79° 59' 16.45"E																																										
14.	Total Geological Reserves	722286 m ³																																										
15.	Total Mineable Reserves	213242 m ³																																										
16.	Total Proposed Production (in five years)	213200 m ³																																										

17.	Proposed Production / year	Year	Production
		1 st	53300 m ³
		2 nd	53300 m ³
		3 rd	53300 m ³
		4 th	53300 m ³
		Total	213200 m ³
18.	Sanctioned Period of Mine lease	10 Years	
19.	Production of mine/day	177.67 m ³ (approx.)	
20.	Method of Mining	Opencast Semi-Mechanized	
21.	No.of working days	300 days	
22.	Working hours/day	8 Hours/Day	
23.	No.Of workers	36 (approx.)	
24.	No.Of vehicle movement /day	18 (approx.)	
25.	Type of Land	Govt. revenue land	
26.	Ultimate Depth of Mining	30.0 meter (average)	
27.	The nearest metalled road from the site	200m	
28.	Water Requirement	PURPOSE	REQUIREMENT (KLD)
		Drinking & Others	0.40
		Suppression of dust	1.20
		Plantation	0.20
		Others(if any)	-----
		Total	1.80
29.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh (Servicing Environment and Development), Lucknow, U.P. QCI/NABET/EIA/1821/RA0120, Validity- 19/10/2021	
30.	Any litigation pending against the project or land in any court	No	
31.	Details of 500 m Cluster Map & certificate Verified by Mining Officer	DMO Mahoba vide Letter No. 159/MMC-30/2021-22, Dated 13.05.2021	
32.	Details of Lease Area in approved DSR	Page No.- 99, Sr. No.- 146	
33.	Proposed CER cost	0.130 Lakh	
34.	Proposed EMP cost	9.92 Lakh	
35.	Length and breadth of Haul Road.	Length- 200m, Width- more than 6.0 m	
36.	No. of Trees to be Planted	120	

- 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-06

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

- Mining should be done as per the mining plan. Mining Plan approval letter issued by DGM, U.P. vide letter no. 2021/6/21/80688 dated 29-06-2021 wherein, it is mentioned that the validity of the mining plan is for 48 months from the day the lease is granted for mining.
- Environmental Clearance if issued shall be subjected to the order of Hon'ble Court(s) order.
- The project proponent/consultant shall ensure that all the conditions of compliance given in Environment Clearance issued vide letter no 1615/Parya/SEAC/1689/JDCA(S) dated 08/10/2013 has complied.
- The project proponent shall install solar light in their site office.

5. During the submission of 6 monthly compliance reports, the project proponent should make sure that the periodically taken site photographs should also be annexed along with the compliance report.
 6. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
 7. 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
 8. 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.
 9. The mining plan approved by the Dept. of Mines and Geology, Uttar Pradesh shall be strictly implemented and shall not be operated beyond the validity period.
 10. 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.
 11. 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.
 12. 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.
 13. 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.
 14. 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.
 15. The project proponent should explore the possibilities of rainwater harvesting.
7. **Flatted Factory Complex (White Goods Manufacturing) at Plot No- D-10, d-11, d-12, d-13, d-59, d-60 & 61, Industrial Area, UPSIDA, found, District- Agra., Shri Yash Pal Singh, M/s Uttar Pradesh Small Industries Corporation (UPSIC). File No. 6424/Proposal No. SIA/UP/MIS/217593/2021**

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 Paramarsh Servicing Environment and Development. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for Flatted Factory Complex (White Goods Manufacturing) at Plot No- D-10, D-11, D-12, D-13, D-59, D-60 & D-61, Industrial Area, UPSIDA, foundry, District- Agra, U.P., M/s Uttar Pradesh Small Industries Corporation (UPSIC).
2. The Land is allotted by UPSIDA to the UPSIC for the development of flatted factory complex (white goods manufacturing) in the Industrial area, UPSIDA, foundry, Agra, UP. The flatted factories are high-rise developments with common facilities. The building is subdivided into small separately occupied units which are used for manufacturing, assembly, and associated storage.

3. The proposed project envisages no change in land use as the area has been earmarked for industrial development as per the UP State Industrial Development Authority (UPSIDA).
4. The total plot area of the project site is 21530.70 sq m. The proposed project involves the construction of G+ 4th Storey having a built-up area of 51832.28 sqm. The Industrial Workforce I.W.F. (Population Density) of the proposed project will be 2600nos.
5. Details of activity proposed under the project:
 - Assembly of bicycles, baby carriages and other small non motorizing vehicles
 - Bailing (hydraulic press) of waste papers
 - Biscuitstrays etc. from rolled PVC sheet (using automatic vacuum forming machines)
 - Blockmaking of printing without foundry (excluding wooden block making)
 - Cotton and woollen hosiery making (Dry process only without any dying/washing operation)
 - Engineering and fabrication units (dry process without any heat treatment)
 - Handloom/carpet weaving (without dying and bleaching operation)
 - Leather cutting and stitching
 - Manufacturing of metal caps containers etc.
 - Manufacturing of shoe brush and wire brush
 - ElectricalSwitches, accessories making and Panel Board without wet process.
 - Scientific and mathematical instrument manufacturing
 - Embroidery, Handicraft, Carpet weaving
 - Surgical and medical products assembling only (not involving effluent/emission generating)
 - All types of toys&Doll making electrical without wet process.
 - Assembly of Computer, Computer peripherals and Computer Software
 - Audio, Video and consumer electronic equipment assembly only
 - Drawing, Surveying and Scientific instrument making with no wet process
 - Finished leather goods, conversion of finished without wet process.
 - Garments manufacturing without wet process.
 - HandTools without casting, Handlooms without wet process
 - IT industry
 - Knittingcloth/Fabrics (Small Scale) Dry process.
 - Garments manufacturing without wet process.
6. Area details:

Items	Area (sq mt)
Total Plot Area	21530.70
Ground Coverage	Permissible – 50% = 10765.35 Proposed – 48.29% = 10398.48
FAR	Permissible FAR – 2.50 = 53826.75 Proposed FAR – 2.40 = 51805.28
Non FAR	27.00
Total Built-up area	51832.28
Green area (hard + soft green)	Required as per UPSIDA – 5% Proposed – 8.61% = 1853.98
No. of Trees	300
Parking	274 ECS
Usages	Ground + 4 Story's
Estimated Population (IWF)	2600

7. Water requirement details:

S.No.	Particulars	Water Demand (KLD)
1.	Fresh Water Demand	52 KLD
2.	Flushing water demand	26 KLD
3.	Horticulture water demand	5.5 KLD
4.	Total water demand of the project	85.5 KLD say 86 KLD
5.	Freshwater source	Municipal supply augmented by Groundwater Groundwater NOC shall be granted after EC.
6.	Type of Well	Tube well – 02 Nos.
7.	STP Proposed	80 KLD

8.	Treated water met through STP for recycling	33.5 KLD
9.	Unused treated water	In the UPSIDC drain

8. Solid waste details:

Particulars	Waste generated kg/day
Workers (@ 0.15 Kg/day)	400
Horticulture waste (@ .0037/sq/day)	10
E-Waste (0.15 Kg/C/Yr)	< 1.0
STP Sludge	15

9. Parking details:

S.N.	Particulars	Area (sqm)
1	Total built-up area	53120.43
2	Parking required	5ECS per 100sqmt $53120.43 \times 5 = 265.6 = 266$
3	Parking achieved	274
4	Required parking area (for ECS @ 13.75)	$13.75 \times 266 = 3657.5$ sqm
5	Achieved parking area (for ECS @ 13.75)	$13.75 \times 274 = 3767.5$ sq mt

10. The project proposal falls under category-8(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-07

The project proponent/ Consultant orally submitted that the building plan is with UPSIDA. They also submitted that UPSIDA will only approve the map after getting the environment clearance. Project proponent/ Consultant assured that in case there will be any change in the building plan they will come again for the amendment in Environment Clearance.

The committee discussed the matter and recommended grant of environmental clearance on the proposal as above along with the following conditions:

I. Statutory compliance:

1. The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including the town planning authority before commencement of work. All the construction shall be done in accordance with the local building bye-laws.
2. The approval of the Competent Authority shall be obtained for the structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc. as per the National Building Code including protection measures from lightening etc.
3. The project proponent shall obtain forest clearance under the provisions of the Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
4. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
5. The project proponent shall obtain Consent to Establish / Operate under the provisions of the Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
6. The project proponent shall obtain the necessary permission for the drawl of groundwater/surface water required for the project from the competent authority.
7. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
8. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.

9. The provisions of the Solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
10. The project proponent shall follow the ECBC/ECBC-R prescribed by the Bureau of Energy Efficiency, Ministry of Power strictly.

II. Air quality monitoring and preservation

1. Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
2. A management plan shall be drawn up and implemented to contain the current exceedance in the ambient air quality at the site.
3. The project proponent shall install the system to carry out Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM25) covering upwind and downwind directions during the construction period.
4. Diesel power generating sets proposed as the source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of the stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided in consultation with State Pollution Control Board.
5. The construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind-breaking walls all around the site (at least 3-meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
6. Sand, murram, loose soil, cement, stored on-site shall be covered adequately to prevent dust pollution.
7. A wet jet shall be provided for grinding and stone cutting.
8. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
9. All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed of. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.
10. The diesel generator sets to be used during the construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise mission standards.
11. The gaseous emissions from the DG set shall be dispersed through adequate stack height as per CPCB standards. An acoustic enclosure shall be provided to the DG sets to mitigate noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
12. For indoor air quality, the ventilation provisions are as per the National Building Code of India.

III. Water quality monitoring and preservation

1. The natural drain system should be maintained for ensuring the unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rainwater.
2. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.

3. Total freshwater use shall not exceed the proposed requirement as provided in the project details.
4. The quantity of freshwater usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six-monthly Monitoring reports.
5. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for groundwater and surface water sources, ensuring that there is no impact on other users.
6. At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as the previous surface.
7. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation car washing, thermal cooling, conditioning etc. shall be done.
8. Use of water-saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
9. Use of water-saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
10. Water demand during construction should be reduced by the use of pre-mixed concrete, curing agents and other best practices referred.
11. The local bye-law provisions on rainwater harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rainwater harvesting recharge pits/storage tanks shall be provided for groundwater recharging as per the CGWB norms.
12. A rainwater harvesting plan needs to be designed where the recharge bores of a minimum of one recharge bore per 5,000 square meters of built-up area and storage capacity of a minimum of one day of the total freshwater requirement shall be provided. In areas where groundwater recharge is not feasible, the rainwater should be harvested and stored for reuse. The groundwater shall not be withdrawn without approval from the Competent Authority.
13. All recharge should be limited to shallow aquifers.
14. No groundwater shall be used during the construction phase of the project.
15. Any groundwater dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any groundwater abstraction or dewatering.
16. The quantity of freshwater usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six-monthly Monitoring reports.
17. Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/reused for flushing, AC make up water and gardening. As proposed, not related water shall be disposed of to municipal drain.
18. No sewage or untreated effluent water would be discharged through stormwater drains.
19. Onsite sewage treatment of capacity of treating 100% wastewater to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert

and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated wastewater shall be reused on-site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by the Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.

20. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odor problem from STP.
21. Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed of as per the Ministry of Urban Development, Centre Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.

IV. Noise monitoring and prevention:

1. Ambient noise levels shall conform to the residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during the construction phase. Adequate measures shall be made to reduce ambient air and noise level during the construction phase, so as to conform to the stipulated standards by CPCB / SPCB.
2. Noise level survey shall be carried as per the prescribed guidelines and a report in this regard shall be submitted to the Regional Officer of the Ministry as a part of six-monthly compliance report.
3. Acoustic enclosures for DG sets, noise barriers for ground-run bays, earplugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.

V. Energy Conservation measures

1. Compliance with the Energy Conservation Building Code (ECBC) of the Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC shall comply with the State ECBC.
2. Outdoor and common area lighting shall be LED.
3. The concept of passive solar design that minimizes energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased daylighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.
4. Energy conservation measures like the installation of CFLs/ LED for the lighting of the area outside the building should be an integral part of the project design and should be in place before project commissioning.
5. Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.
6. Solar power shall be used for lighting in the apartment to reduce the power load on the grid. A separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building by-laws, whichever is higher. Residential buildings are also recommended to meet their hot water demand from solar water heaters, as far as possible.

VI. Waste Management :

1. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from the project shall be obtained.
2. Disposal of muck during construction phase shall not create any adverse effect on the neighbouring communities and be disposed of taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of the competent authority.
3. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating the segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
4. Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.
5. All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
6. Any hazardous waste generated during the construction phase shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
7. Use of environment-friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environmentally friendly materials.
8. Fly ash should be used as a building material in the construction as per the provision of Fly Ash Notification of September 1999 and amended as on 27th August 2003 and 25th January 2016. Ready-mixed concrete must be used in building construction.
9. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.
10. Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.

VII. Green Cover:

1. No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
2. A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
3. Where the trees need to be cut with prior permission from the concerned local Authority, a compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
4. Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during the plantation of the proposed vegetation on site.

VIII. Transport:

1. A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. The road should

be designed with due consideration for the environment, and safety of users. The road system can be designed with these basic criteria.

- a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
 - b. Traffic calming measures.
 - c. Proper design of entry and exit points.
 - d. Parking norms as per local regulation.
2. Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
 3. Detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 km radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on the cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.

IX. Human health issues :

1. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with a dust mask.
2. For indoor air quality, the ventilation provisions should be as per the National Building Code of India.
3. An emergency preparedness plan based on the Hazard Identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
4. 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. The housing may be in the form of temporary structures to be removed after the completion of the project.
5. Occupational health surveillance of the workers shall be done on a regular basis.
6. A First Aid Room shall be provided in the project both during construction and operations of the project.

X. Corporate Environment Responsibility:

1. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
2. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest/wildlife norms/conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stakeholders. A copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of the six-monthly report.

3. A separate Environmental Cell both at the project and company headquarter level, with qualified personnel, shall be set up under the control of a senior Executive, who will directly to the head of the organization.
4. Action plan for implementing EMP and environmental conditions along with the responsibility matrix of the company shall be prepared and shall be duly approved by the competent authority. The year-wise funds earmarked for environmental protection measures shall be kept in a separate account and not to be diverted for any other purpose. Year-wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.

XI. Miscellaneous:

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

Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.

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

8. Stone Mining at Gata No.-188/1, Village-Lahaura, Tehsil- Chunar, District- Mirzapur., Shri Bahadur Singh, Area -1.616 ha. File No. 6426/Proposal No. SIA/UP/MIN/60055/2021

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

1. The Terms of References are sought for Stone Mining at Gata No.-188/1, Village-Lahaura, Tehsil- Chunar, District- Mirzapur, U.P. (Leased Area -1.616 ha.).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/60055/2021		
2. File No. allotted by SEIAA, UP	6426		
3. Name of Proponent	Shri. Shyam Bahadur Singh S/o Shri Jawahir Singh		
4. Full correspondence address of proponent and mobile no.	R/o- Near Hydell Colony, Danghar District- Mirzapur (U.P.)		
5. Name of Project	Building Stone (Sand Stone)Mining Project		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 188/1		
7. Name of River	NA		
8. Name of Village	Lahaura		
9. Tehsil	Chunar		
10. District	Mirzapur (U.P)		
11. Name of Minor Mineral	Building Stone (Sand Stone)Mining Project		
12. Sanctioned Lease Area (in Ha.)	1.616 Ha.		
13. Mineable Area (in Ha.)	1.2 ha. (Safety area 0.416 Ha)		
14. Zero level mRL	NA		
15. Max. & Min mRL within the lease area	Maximum mRL 143 mRL Minimum mRL 31mRL		
16. Pillar Coordinates (Verified by DMO)	Pillar	Latitude(N)	Longitude(E)
	A	25°00'00.20"N	82°45'21.10"E
	B	25°00'04.80"N	82°45'24.00"E
	C	25°00'05.10"N	82°45'27.00"E
	D	24°59'59.30"N	82°45'23.80"E
17. Total Geological Reserves	4,61,315 m ³ /year		
18. Total Mineable Reserves	48,480 m ³ per year as per LOI		
19. Total Proposed Production (in four year)	1,93,920 m ³		
20. Proposed Production/year	48480 m ³ per year		
21. Sanctioned Period of Mine lease	10 Year		
22. Production of mine/day	176.29 m ³ /day		
23. Method of Mining	Open cast, Mechanized/semi-mechanized		
24. No. of working days	275		
25. Working hours/day	8 hours/day		
26. No. Of workers	28		
27. No. Of vehicles movement/day	14-15 Vehicles movement/day		
28. Type of Land	Building Stone (Sand Stone)Mining Project		
29. Ultimate Depth of Mining	6 m		
30. The nearest metalled road from the site	NH-7 is about 9.39 km towards the North direction from		

	the project site.	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking water	0.38 KLD
	Suppression of dust	6.36 KLD
	Plantation	0.78 KLD
	Others (if any)	-
	Total	7.52 KLD approx.
32. Name of QCI Accredited Consultant with QCI no. and the period of validity.	Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/EIA/1922/RA0200 and valid up to 30 Dec. 2022	
33. Any litigation pending against the project or land in any court	No	
34. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. - 1537/Khanij/क्र०स०/2020 date 12/1/2021	
35. Details of Lease Area in approved DSR	Page 38 serial 10	
36. Proposed EMP cost	Rs. 31,59,950	
37. Total Project cost	Rs. 95,00,000	
38. Length and breadth of Haul Road	265 m length and 6.0 m width	
39. No. of Trees to be Planted	780	

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-08

The committee discussed the matter and recommended to issue the terms of References (ToR) for the preparation of EIA as annexed at annexure-1. The committee also stipulated flowing additional ToR:

1. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
9. **Stone Mining at Gata No.-484, Village-Devri Kalan, Tehsil- Chunar, District- Mirzapur, Shri Jagadish Chandra Dwivedi., Area -2.02 ha. File No. 6427/Proposal No. SIA/UP/MIN/64351/2021**

The Project proponent/consultant informed the committee that there is a change in geo-coordinates in the letter of intent, khasra map and mining plan. Therefore, they are not in a position to present the case at this point. After getting all the necessary documentation, the Project proponent/consultant will upload all the necessary documents in the online portal for consideration before the committee. The case will be discussed after the submission of online information on the prescribed portal.

10. **Stone Mining at Gata No.-339, Khand No.01 New (Old- 14), Village-Daharra, Tehsil-Sadar, District- Mahoba, U.P., Smt. Farhat., Area-0.809 ha. File No. 6430/Proposal No. SIA/UP/MIN/63367/2021**

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

1. The Terms of References are sought for Stone Mining at Gata No.-339, Khand No.01 New (Old-14), Village-Daharra, Tehsil-Sadar, District- Mahoba, U.P. (Leased Area-0.809 ha.).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/63367/2021		
2. File No. allotted by SEIAA, U.P	6430		
3. Name of Proponent	Smt. Farhat W/o Shri Shakeel Ahmad		
4. Full correspondence address of proponent and mobile no.	R/o- Muhalla Takiapura, Tehsil & District- Mahoba (U.P.)		
5. Name of Project	Building Stone, Khanda, Boulder, Ballast (Gitti) Mining Project		
6. Project location (Plot/Khasra/Gata No.)	Arazi No. 339 (Khand No. –1 Naya & 14 Purana),		
7. Name of River	NA		
8. Name of Village	Daharra		
9. Tehsil	Sadar		
10. District	Mahoba (U.P.)		
11. Name of Minor Mineral	Building Stone, Khanda, Boulder, Ballast (Gitti) Mining Project		
12. Sanctioned Lease Area (in Ha.)	0.809 Ha.		
13. Mineable Area (in Ha.)	0.809 Ha.		
14. Zero level mRL	NA		
15. Max. & Min mRL within the lease area	Maximum & Minimum mRL is 216.10 & 175.20 mRL respectively.		
16. Pillar Coordinates (Verified by DMO)	Pillar	Latitude(N)	Longitude(E)
	A	25°20'17.96"N	79°57'47.53"E
	B	25°20'18.45"N	79°57'48.24"E
	C	25°20'9.57"N	79°57'59.34"E
	D	25°20'9.74"N	79°57'58.10"E
17. Total Geological Reserves	2,07,468 m ³		
18. Sanction Quantity as per LOI	40,000 m ³ per year as per LOI		
19. Total Proposed Production (in two years)	79,998 m ³ for two year		
20. Proposed Production/year	40,000 m ³ per year		
21. Sanctioned Period of Mine lease	10 Years as per LOI		
22. Production of mine/day	133.33 m ³ /day		
23. Method of Mining	Opencast, Semi-Mechanized		
24. No. of working days	300		
25. Working hours/day	8 hours/day		
26. No. Of workers	34		
27. No. Of vehicles movement/day	16-17 Vehicles movement/day		
28. Type of Land	Building Stone(Khanda, Boulder, Ballast (Gitti) Mining Project		
29. Ultimate Depth of Mining	6.0 m		
30. The nearest metalled road from the site	NH-76 is about 1.64 km towards North-West direction from the project site.		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking water	0.44 KLD	
	Dust suppression	2.4 KLD	
	Plantation	0.4 KLD	
	Others (if any)	-	
	Total	3.24 KLD Approx.	
32. Name of QCI Accredited Consultant with QCI no. and the period of validity.	Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/ EIA/ 1922/RA 0200 Valid up to 30 Dec, 2022		
33. Any litigation pending against the project or land in any court	No		
34. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 7427/ एम०एम०सी०-30/2020-21 Date- 16/12/2020		
35. Details of Lease Area in approved DSR			

36. Proposed EMP cost	21,84,000/-
37. Proposed Total Project cost	Rs. 70,00,000/-
38. Length and breadth of Haul Road	200 m length and 6.0 m width
39. No. of Trees to be Planted	400

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-10

The committee discussed the matter and recommended to issue the terms of References (ToR) for the preparation of EIA as annexed at annexure-1. The committee also stipulated flowing additional ToR:

1. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.

Annexure-1

Terms of Reference for the Mining Project

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

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

used for modelling should be provided. The air quality contours may be shown on a location map specifically indicating the location of the site, location of sensitive receptors if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.

24. The water requirement for the Project, its availability, and source should be furnished. A detailed water balance should also be provided. Freshwater requirements for the Project should be indicated.
25. Necessary clearance from the Competent Authority for the drawl of the requisite quantity of water for the Project should be provided.
26. Description of water conservation measures proposed to be adopted in the Project should be given.
27. Details of rainwater harvesting proposed in the Project, if any, should be provided.
28. The impact of the Project on the water quality, both surface and groundwater, should be assessed and necessary safeguard measures, if any required, should be provided.
29. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater.
30. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed Hydro Geological Study should be undertaken and a Report furnished. The Report inter-alia shall include details of the aquifers present and the impact of mining activities on these aquifers. Necessary permission from Central Ground Water Authority for working below groundwater and for pumping of groundwater should also be obtained and copy furnished.
31. Details of any stream, seasonal or otherwise, passing through the lease area and modification/diversion proposed if any, and the impact of the same on the hydrology should be brought out.
32. Information on site elevation, working depth, groundwater table, etc. Should be provided both in AMSL and BGL. A schematic diagram may also be provided for the same.
33. A time-bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species, and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the Project. Phase-wise plan of plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of the plantation already done should be given. The plant species selected for the green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species which are tolerant to pollution.
34. Impact on local transport infrastructure due to the Project should be indicated. A projected increase in truck traffic as a result of the Project in the present road network (including those outside the Project area) should be worked out, indicating whether it is capable of handling the incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered. Project Proponent shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.
35. Details of the onsite shelter and facilities to be provided to the mineworkers should be included in the EIA Report.
36. Conceptual post-mining land use and Reclamation and Restoration of mined-out areas (with plans and with the adequate number of sections) should be given in the EIA report.
37. Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. The project-specific occupational health mitigation measures with required facilities proposed in the mining area may be detailed.
38. Public health implications of the Project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary allocations.

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

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 regional office, MoEF, 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 Regional Office, MoEF, 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 MoEF, GoI, Lucknow, and State Pollution Control Board

19. The Regional Office, MoEF, 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 Regional Office of the MoEF, 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.
6. Explosive cannot be stored on the site.
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 Regional Office, MoEF&CC, GoI, Lucknow every year.

13. Blast vibrations study shall be conducted and an observation report submitted to the 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.
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 expense. The roads shall be blacktopped.
17. Rainwater harvesting shall be undertaken to recharge the groundwater source.
18. Status of implementation shall be submitted to the 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 Regional Office, MoEF, 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 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 Regional Office, Ministry of Environment & Forests, 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 Regional Office, Ministry of Environment & Forests, 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 the 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.

Nodal SEAC-1

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