

Minutes of 419th SEAC Meeting Dated 13/09/2019

The 419th meeting of SEAC was held in Directorate of Environment, U.P. on 13/09/2019 following members were present in the SEAC:

1.	Dr. (Prof.) S.N. Singh,	Chairman
2.	Dr. Sarita Sinha,	Member
3.	Dr. Arvind Mathur,	Member
4.	Dr. Virendra Misra,	Member
5.	Dr. Pramod Kumar Mishra,	Member
6.	Dr. Richhpal Singh Sangu,	Member
7.	Prof. S.K. Upadhyay,	Member
8.	Dr. Ajoy Kumar Mandal,	Member
9.	Shri Meraj Uddin,	Member
10.	Shri Rajive Kumar,	Member

The Chairman welcomed the members to the 419th SEAC meeting.

The SEAC unanimously took following decisions on the agenda points discussed:

1. **Brick Earth Mining at Gata No.-413/1, 413/2, 414, 415, at Village- Shernagar Bangar, Tehsil- Chhata, District- Mathura, U.P., M/s Shiv Bricks Field, (Leased Area: 4.737 Ha). File No. 4956/Proposal No. SIA/UP/MIN/ 39970/2019**

RESOLUTION AGAINST AGENDA NO-01

The committee discussed the matter and directed to defer the matter due to non-availability of coordinator/FAE certificate in concerned field. The matter will be discussed only after submission of online request on prescribed online portal.

2. **Brick Earth Mining at Gata No.-322, 750, 808, 810, 1478, 411, 1417, 268, 1420, 86, at Village- Kiriwara, Tehsil- Mohammdi, District- Kheri, U.P., M/s Khan Bricks Field, (Leased Area: 4.334 Ha) File No. 4957/Proposal No. SIA/UP/MIN/ 39967/2019**

RESOLUTION AGAINST AGENDA NO-02

A presentation was made by the project proponent along with their consultant M/s ENV DAS (I) Pvt. Ltd. The committee discussed the matter and directed the project proponent to submit following information:

1. An environment inventory should be given for the proper environment management.
2. Water demand calculation is to be revised.
3. EMP cost is to be revised.

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

3. **Brick Earth Mining at Gata No.-263, at Village- Raipur Bangar, Tehsil- Mat, District- Mathura, U.P., M/s Dauji Ent Udhyog, Area: 2.8820 Ha. File No. 4958/Proposal No. SIA/UP/MIN/39963/2019**

RESOLUTION AGAINST AGENDA NO-03

The committee discussed the matter and directed to defer the matter due to non-availability of coordinator/FAE certificate in concerned field. The matter will be discussed only after submission of online request on prescribed online portal.

4. **Brick Earth Mining at Village-Naushepur, Naujheel Bangar, Tehsil- Mat, District-Mathura, U.P., M/s K.P.S. Ent Udhyog, Area: 3.426Ha. File No. 4959/Proposal No. SIA/UP/MIN/40001/2019**

RESOLUTION AGAINST AGENDA NO-04

The committee discussed the matter and directed to defer the matter due to non-availability of coordinator/FAE certificate in concerned field. The matter will be discussed only after submission of online request on prescribed online portal.

5. **River Bed Sand Mining at Gata No./Khand No.-413Da/1mi, 412mi, 412Da mi, 413Ka/53, at Village- Bardiya Lohar, Tehsil- Harraiya, District- Basti, U.P., M/s Anthracite Infra Pvt. Ltd., (Leased Area-4.34 Ha). File No. 4960/Proposal No. SIA/UP/MIN/40042/2019**

RESOLUTION AGAINST AGENDA NO-05

A presentation was made by the project proponent along with their consultant M/s PARAMARSH (Servicing Environment and Development). The committee discussed the matter and directed the project proponent to submit following information:

1. An environment inventory should be given for the proper environment management.
2. Air, water and noise cost in EMP should be define separately.
3. Site photographs with Geo coordinate along with date and time.

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

6. **Brick Earth Mining in Khasra/Gata No.-340, 30/2, 34, 409/1,404, 202, 29, 406, Maheshpur Bithra, Naujheel Bangar, Tehsil & District- Pilibhit, U.P., (Leased Area: 3.8809Ha). File No. 4965/Proposal No. SIA/UP/MIN/33662/2019**

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

1. The environmental clearance is sought for Brick Earth Mining in Khasra/Gata No.-340, 30/2, 34, 409/1,404, 202, 29, 406 Maheshpur Bithra, Naujheel Bangar, Tehsil & District- Pilibhit, U.P., (Leased Area: 3.8809 Ha).
2. Salient features of the project as submitted by the project proponent:

1. On-line Proposal No.	SIA/MIN/UP/33662/2019
2. File No. allotted by SEIAA, UP	4965
3. Name of Proponent	M/s Hind Brick Field

	Mr. Mohammad Arif			
4. Full correspondence address of proponent and mobile no.	R/o- Chaiman 66,0 Mohd Yarr Khan Neoria Husainpur, District-Pilibhit(U.P.)			
5. Name of Project	“Brick Earth Mine”			
6. Project location (Plot/Khasra/Gate No.)	Gata No. 340,30/2,34,409/1,404,444,202,29,406			
7. Name of Village	Maheshpur, Bithra			
9. Tehsil	Pilibhit			
10. District	Pilibhit			
11. Name of Minor Mineral	Brick Earth Min			
12. Sanctioned Lease Area (in Ha.)	3.8809 Ha			
13. Altitude of the Area	Maximum Elevation: 195 mRL			
14. Pillar Coordinates (Verified by DMO)	Gata	Latitude	Longitude	
	340	28°43'48.92"N	79°53'0.48"E	
	30/2	28°43'50.54"N	79°52'45.09"E	
	34	28°43'48.45"N	79°52'52.13"E	
	409/1	28°43'52.52"N	79°52'51.88"E	
	404	28°43'51.14"N	79°52'50.15"E	
	444	28°43'41.52"N	79°52'46.18"E	
	202	28°43'41.14"N	79°52'49.83"E	
	29	28°43'37.22"N	79°52'52.01"E	
	406	28°43'45.27"N	79°52'43.23"E	
15. Total Geological Reserves	35316.19 m ³			
16. Total Mineable Reserves	24798.95 m ³			
17. Total Proposed Production (in five year)	24798.95 m ³			
18. Proposed Production/year	4959.7902 m ³			
19. Sanctioned Period of Mine lease	5 Years			
20. Production of mine/day	19.83m ³ /day (23.80 T/day) (Bulk Density- 1.2)			
21. Method of Mining	Open Cast, Semi-mechanized			
22. Drilling & Blasting	Not Required			
23. No. of Working days	250 Days			
24. Working hours/day	8 hours/day			
25. No. of Workers	23 Manpower			
26. No. of vehicles movement/day	3 Units (Assumed Loading Capacity: 10 Tonnes/Unit)			
27. Type of Land	Agricultural Land			
28 Ultimate Depth of Mining	0.91 meters			
29. Nearest metalled road from site	None			
30. Water Requirement	Source	Purpose	Detail	Avg. Demand/ Day
	Portable Tanker	Drinking & others @10lpcd/worker	23 workers x 10 lpcd = 230 Lit/ day	0.23 KLD
		Plantation @5 Lit/plant	50 sapling x 5 Lit = 225 Lit/ day	0.25 KLD
		Dust suppression @1 Lit/Sq.m (Twice in a day)	Haul Road Area = (2000m Length x 6m Width	8.0 KLD
	Total			8.48 (9 KLD)
31. Name of QCI Accredited Consultant with QCI No and period of validity.	GLOBUS ENVIRONMENT ENGINEERING SERVICES Certificate No. NABET/EIA/1821/IA0034, Valid Till April 03/2021			
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	पत्रांक: 01/Cluster/2019, दिनांक: 26/06/2019 issued by Mining Officer, Pilibhit.			
34. Details of Lease Area in approved DSR	No			

35. Total Proposed Project Cost	Rs. 50 Lakhs
36. Proposed CER cost	Rs. 1.0 Lakhs
37. Proposed EMP cost	Rs. 30 Lakhs (Haulage Road repair, Dust Suppression, Plantation, Post Plantation Care)
38. Length and Width of Haul Road	Haul Road Length 2.0 km (Length 2000 m & Width 6 m)
39. No. of Trees to be Planted	50 Trees in First Year

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

RESOLUTION AGAINST AGENDA NO-06

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

7. **Brick Earth Mining at Gata No.-64, 67, 68, 75, at Village-Kaulan Bangar, Tehsil-Mat, District-Mathura, U.P., M/s Shri Radha Krishna Ent Udhyog, (Leased Area: 2.3820 Ha). File No. 4967/Proposal No. SIA/UP/MIN/40210/2019**

RESOLUTION AGAINST AGENDA NO-07

The committee discussed the matter and directed to defer the matter due to non-availability of coordinator/FAE certificate in concerned field. The matter will be discussed only after submission of online request on prescribed online portal.

8. **Brick Earth Mining Project at Gata No.-6, 90/2, Village- Naushepur, Tehsil- Mat, District-Mathura,U.P., M/s R.B.S Ent Udhyog, (Leased Area: 3.283 Ha). File No. 4970/Proposal No. SIA/UP/MIN/40286/2019**

RESOLUTION AGAINST AGENDA NO-08

The committee discussed the matter and directed to defer the matter due to non-availability of coordinator/FAE certificate in concerned field. The matter will be discussed only after submission of online request on prescribed online portal.

9. **Khanda, Gitti/Boulders (Granite), Pahari Lal Morrum mine at Khasra/Gata No.- 714/2, Village- Gonda, Tehsil- Karvi, District- Chitrakoot, U.P. Shri Narendra Singh, Area 12,145 ha. File No. 4971/Proposal No. SIA/UP/MIN/40223/2019**

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

1. The environmental clearance is sought for Khanda, Gitti/Boulders (Granite), Pahari Lal Morrum mine at Khasra/Gata No.- 714/2, Village- Gonda, Tehsil- Karvi, District- Chitrakoot, U.P.
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/40223/2019, Dated: 29.07.2019			
2. File no. allotted by SEIAA, UP	4971			
3. Name of Proponent	M/s Narendra Singh Contractor & Supplier Prop. Narendra Singh			
4. Full correspondence address of proponent and mobile no.	R/o-Village- Bharatkoop, Tehsil-Karvi District- Chitrakoot (U.P.)			
5. Name of Project	“Khanda, Gitty/Boulders (Granite), Pahari Lal Morrum”			
6. Project location (Plot/Khasra/Gate No.)	Gata No.714/2			
7. Name of Village	Gonda			
9. Tehsil	Karvi			
10. District	Chitrakoot			
11. Name of Minor Mineral	Khanda, Gitty/Boulders (Granite), Pahari Lal Morrum Mine			
12. Sanctioned Lease Area (in Ha.)	1.2145 Ha			
13. Altitude of the Area	Maximum Elevation: 209.10 mRL towards East direction Minimum Elevation: 171.20mRL towards North direction			
14. Pillar Coordinates (Verified by DMO)	Pillar	Latitude	Longitude	
	A	25°12'28.81"N	80°45'43.36"E	
	B	25°12'32.93"N	80°45'44.00"E	
	C	25°12'32.85"N	80°45'46.88"E	
	D	25°12'28.15"N	80°45'46.40"E	
15. Total Geological Reserves	Gitti/Boulder = 691439 m ³ & Lal Morrum = 36392 m ³			
16. Total Mineable Reserves	Gitti/Boulder = 297241 m ³ & Lal Morrum = 15645 m ³			
17. Total Proposed Production (in five year)	60725 m ³			
18. Proposed Production/year	12145 m ³			
19. Sanctioned Period of Mine lease	20 Years from date of lease execution			
20. Production of mine/day	40.48 m ³ /day (101 T/day) (Bulk Density- 2.5)			
21. Method of Mining	Open Cast, Semi-mechanized			
22. Drilling & Blasting				
23. No. of Working days	300 Days			
24. Working hours/day	8 hours/day			
25. No. of Workers	19 Manpower			
26. No. of vehicles movement/day	10 Units (Assumed Loading Capacity: 10 Tonnes/Unit)			
27. Type of Land	State Government Land			
28 Ultimate Depth of Mining	24 meters (202mRL – 178mRL) <i>Source: Approved Mining Plan</i>			
29. Nearest metalled road from site	NH-76, 2.0 km, SE			
30. Water Requirement	Source	Purpose	Detail	Avg. Demand/ Day
	Portable Tanker	Drinking & others @ 10lpcd/worker	19 workers x 10 lpcd = 190 Lit/ day	0.19 KLD
		Plantation @ 5 Lit/plant	75 sapling x 5 Lit = 375 Lit/ day	0.37 KLD
		Dust suppression @ 1 Lit/Sq.m (Twice in a day)	Haul Road Area = (2000m Length x 6m Width	8.0 KLD
	Total			8.56 (9 KLD)
31. Name of QCI Accredited Consultant with QCI No and period of validity.	GLOBUS ENVIRONMENT ENGINEERING SERVICES Certificate No. NABET/EIA/1821/IA0034, Valid Till April 03/2021			
32. Any litigation pending against the project or hand in any court	No			
33. Details of 500 m Cluster Map & certificate	पत्रांक: 1403/Khanij/2019-20 , दिनांक: 24/07/2019 issued by Mining			

issued by Mining Officer	Officer Chitrakoot.
34. Details of Lease Area in approved DSR	-
35. Total Proposed Project Cost	Rs. 74 Lakhs
36. Proposed CER cost	Rs. 1.48 Lakhs
37. Proposed EMP cost	Rs. 25 Lakhs (Haulage Road repair, Dust Suppression, Plantation, Post Plantation Care & Environmental Monitoring)
38. Length and Width of Haul Road	Haul Road Length 2.0 km (Length 2000 m & Width 6 m)
39. No. of Trees to be Planted	75 Trees in First Year

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

RESOLUTION AGAINST AGENDA NO-09

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure-2 to these minutes regarding Gitti, Patthar & Boulder mining project.

10. "Building Stone (Khanda, Gitti & Boulder) Mine" at Gata No.-332, Khanda No.- 05, Village- Badokhar Khurd, Tehsil- Naraini, District- Banda, U.P., M/s Maa Vindhyaawasini Stone Work, Leased Area -0.40 ha. File No. 4973/Proposal No. SIA/UP/MIN/40209/2019

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

- The environmental clearance is sought for "Building Stone (Khanda, Gitti & Boulder) Mine" at Gata No.-332, Khanda No.- 05, Village- Badokhar Khurd, Tehsil- Naraini, District- Banda, U.P., M/s Maa Vindhyaawasini Stone Work, Leased Area -0.40 ha.
- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/40209/2019
2. File No .allotted by SEIAA,UP	4973
3. Name of Proponent	M/s Maa Vindhyaawasini Stone Work Prop- Shri Sameer Singh S/o Shri Phool Singh
4. Full correspondence address of proponent and mobile no.	R/o- Civil Line D.M. Colony, Thana- Kotwali Nagar, District- Banda, U.P.
5. Name of Project	Building Stone (Khanda, Gitti & Boulder) Mining Project
6. Project location (Plot/ Khasra /Gata No.)	Gata No.- 332 (Khand No.- 05)
7. Name of Village	Badokhar Khurd
8. Tehsil	Naraini
9.District	Banda
10. Name of Minor Mineral	Building Stone (Khanda, Gitti & Boulder)
11. Sanctioned Lease Area (in Ha.)	0.40 ha.
12. Mineable Area (in Ha.)	0.40 ha.
13.Zero level mRL	Not Applicable
14.Max.& Min mrl within lease area	183.0 mRL- 150.0 mRL
15.Pillar Coordinates(Verified by DMO)	25° 19' 39.68"N to 25° 19' 41.72"N 80° 22' 27.43"E to 80° 22' 32.68"E
16.Total Geological Reserves	2,47,774 m ³

17.Total Mineable Reserves	20,200 m ³														
18.Total Proposed Production (in five year)	20,000 m ³														
19.Proposed Production for 5 years	<table> <tr> <th>Year</th><th>Production</th></tr> <tr> <td>1st</td><td>4,000 m³</td></tr> <tr> <td>2nd</td><td>4,000 m³</td></tr> <tr> <td>3rd</td><td>4,000 m³</td></tr> <tr> <td>4th</td><td>4,000 m³</td></tr> <tr> <td>5th</td><td>4,000 m³</td></tr> <tr> <td>Total</td><td>20,000 m³</td></tr> </table>	Year	Production	1 st	4,000 m ³	2 nd	4,000 m ³	3 rd	4,000 m ³	4 th	4,000 m ³	5 th	4,000 m ³	Total	20,000 m ³
Year	Production														
1 st	4,000 m ³														
2 nd	4,000 m ³														
3 rd	4,000 m ³														
4 th	4,000 m ³														
5 th	4,000 m ³														
Total	20,000 m ³														
20.Sanctioned Period of Mine lease	10 Years														
21.Production of mine/day	13.33 m ³														
22.Method of Mining	Opencast Semi-Mechanized														
23.No.of working days	300 days														
24.Working hours/day	8 Hours/Day														
25.No.Of workers	26														
26.No.Of vehicle movement /day	2														
27.Type of Land	Govt. land Non- Agricultural														
28.Ultimate Depth of Mining	18 Meter														
29.Nearest metalled road from site	0.25 km														
30. Water Requirement	<table> <tr> <th>PURPOSE</th><th>REQUIREMENT (KLD)</th></tr> <tr> <td>Drinking</td><td>0.26</td></tr> <tr> <td>Suppression of dust</td><td>1.50</td></tr> <tr> <td>Plantation</td><td>0.24</td></tr> <tr> <td>Others(if any)</td><td>-----</td></tr> <tr> <td>Total</td><td>2.0</td></tr> </table>	PURPOSE	REQUIREMENT (KLD)	Drinking	0.26	Suppression of dust	1.50	Plantation	0.24	Others(if any)	-----	Total	2.0		
PURPOSE	REQUIREMENT (KLD)														
Drinking	0.26														
Suppression of dust	1.50														
Plantation	0.24														
Others(if any)	-----														
Total	2.0														
31. 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- May 01, 2021														
32. Any litigation pending against the project or land in any court	No														
33. Details of 500 m Cluster Map & certificate Verified by Mining Officer	DMO, Banda vide Letter No. 4315/Khanij-30, Banda, Dated 02 nd April, 2019														
34. Details of Lease Area in approved DSR	Page No.- 2, S.No.- 9 Correction Letter granted from D.M. Office, Banda, U.P. vide letter no. 1374/Khanij-30, Banda dated 13 August, 2019														
35. Proposed CER cost	1.10 Lakh														
36. Proposed EMP cost	7.30 Lakh														
37. Length and breadth of Haul Road.	Length- 0.25 Km, Width- more than 6.0 m														
38. No. of Trees to be Planted	60														

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

RESOLUTION AGAINST AGENDA NO-10

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure-2 to these minutes regarding Gitti, Patthar & Boulder mining project.

11. "Building Stone (Khanda, Gitti & Boulder) Mining" at Gata No.-281, Khanda No.- 05, Village- Madaurakhurd, Tehsil- Moth, District- Jhansi, U.P., M/s Jai Ram Engineers Contractors, Leased Area -1.780 ha. File No. 4974/Proposal No. SIA/UP/MIN/40379/2019

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

1. The environmental clearance is sought for "Building Stone (Khanda, Gitti & Boulder) Mining" at Gata No.-281, Khanda No.- 05, Village- Madaurakhurd, Tehsil- Moth, District- Jhansi, U.P., (Leased Area - 1.780 ha.) M/s Jai Ram Engineers Contractors.
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/40379/2018		
2. File No. allotted by SEIAA, UP	4974		
3. Name of Proponent	M/s Jai Ram Engineers & Contractors Proprietor- Shri Jai Ram Yadav		
4. Full correspondence address of proponent and mobile no.	M/s Jai Ram Engineers & Contractors Proprietor- Shri Jai Ram Yadav S/o Shri Badri Prasad R/o Village- Khalishpur, Tehsil- Budhanpur, District- Azamgarh (U.P.)		
5. Name of Project	Building Stone, Khanda, Gitti & Boulder Mining		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 281, Khand No. 05		
7. Name of River	It is a stone excavation project.		
8. Name of Village	Madaurakhurd		
9. Tehsil	Moth		
10. District	Jhansi		
11. Name of Minor Mineral	Building Stone, Khanda, Gitti & Boulder Mining		
12. Sanctioned Lease Area (in ha)	1.780 ha		
13. Mineable Area (in ha)	1.780 ha		
14. Zero level mRL	Project is free from any river, water reservoir or any of ponds etc.		
15. Max. & Min mrl within lease area	170 mRL and 168 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°47'25.85"N	79° 1'8.44"E
	B	25°47'25.12"N	79° 1'9.88"E
	C	25°47'25.03"N	79° 1'10.67"E
	D	25°47'27.13"N	79° 1'12.20"E
	E	25°47'26.58"N	79° 1'14.08"E
	F	25°47'21.77"N	79° 1'13.56"E
	G	25°47'22.50"N	79° 1'8.73"E
17. Total Geological Reserves	5,48,570 m ³		
18. Total Mineable Reserves in LOI	17,800 m ³ /year		
19. Total Proposed Production	17,800 m ³ /year (89,000 m ³ in 05 years)		
20. Proposed Production/year	17,800 m ³		
21. Sanctioned Period of Mine lease	Mining Plan submitted for EC for 1 st 5 years of sanctioned mining lease of 20 years		
22. Production of mine/day	64.72 m ³ /day		
23. Method of Mining	Opencast Semi-mechanized		
24. No. of working days	275 days		
25. Working hours/day	8 hours		
26. No. Of workers	Approximately 55 labours		
27. No. Of vehicles movement/day	4 units		
28. Type of Land	Government land (Non – Agricultural, Rocky, Waste Upland.)		
29. Ultimate Depth of Mining	30 m		

30. Nearest metalled road from site	NH- 25 (Kanpur-Jhansi) : 0.90 km* (NW)	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.56
	Suppression of dust	3.6
	Plantation	0.022
	Others (if any)	-
	Total	4.18 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.	
33. Any litigation pending against the project or land in any court	None	
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMO Jhansi Letter No.581/30-M.M.C./(2018-19) dated 17/07/2019	
35. Details of Lease Area in approved DSR	Serial No. 73, Page No.- 34	
36. Proposed CER cost	2% of total project cost i.e. Rs.10,15,477/-	
37. Proposed EMP cost/ Total Project Cost	Rs 19,45,264/- & 5,07,73,875/-	
38. Length and Width of Haul Road	30 m Length and 7 m width	
39. No. of Trees to be Planted	45	

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

RESOLUTION AGAINST AGENDA NO-11

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure-2 to these minutes regarding Gitti, Patthar & Boulder mining project. The committee also stipulated following condition:

- Forest conservation plan should be prepared with the coordination of DFO accordingly time bound action plan for afforestation as approved by DM should be submitted at SEIAA.

12. Capacity Expansion of Sand Stone (Gitte-Pathhar, Khandas, Boulder) mine at Khasra No./Plot No.-2098, Khand No. - 15A, at Village-Bhatauti, Tehsil- Meja, District- Prayagraj, U.P., M/s Nitin Nishad. Area- 2.631 Ha. File No. 4949/Proposal No. SIA/UP/MIN/39197/2019

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

- The environmental clearance is sought for Capacity Expansion of Sand Stone (Gitte-Pathhar, Khandas, Boulder) mine at Khasra No./Plot No.-2098, Khand No.-15A, at Village-Bhatauti, Tehsil- Meja, District- Prayagraj, U.P., M/s Nitin Nishad.
- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/39197/2019
2. File No. allotted by SEIAA, UP	4949
3. Name of Proponent	Shri Nitin Nishad
4. Full correspondence address of proponent and mobile no.	Shri Nitin Nishad R/o- 252C, Nai Basti, Kydganj, District – Prayagraj, Uttar Pradesh

5. Name of Project	Terms of Reference of Sandstone (Gitti-Pathhar, Khandas, Boulder) mine, at Khasra no. /Plot no. – 2098 Khand No. 51A, Area 2.631 ha. (6.50 Acres) at Village – Bhatauti, Tehsil- Meja, District- Prayagraj, Uttar Pradesh of M/s Nitin Nishad/90873.																
6. Project location (Plot/Khasra/Gata No.)	2098, Khand No.51A																
7. Name of the project mining	Sandstone (Gitti-Pathhar, Khandas, Boulder) mine																
8. Name of Village	Bhatauti																
9. Tehsil	Meja																
10. District	Prayagraj																
11. Name of Minor Mineral	Sandstone (Gitti-Pathhar, Khandas, Boulder) mine																
12. Sanctioned Lease Area (in ha.)	2.631 ha																
13. Zero level/ Ground level mRL	96																
14. Max. & Min mRL within lease area	The highest level is 106.20 mRL The lowest level is 100.4 mRL																
15. Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th>Point</th><th>Latitude</th><th>Longitude</th></tr> </thead> <tbody> <tr> <td>A</td><td>25° 09.220' N</td><td>82° 02.598' E</td></tr> <tr> <td>B</td><td>25° 09.217' N</td><td>82° 02.712' E</td></tr> <tr> <td>C</td><td>25° 09.139' N</td><td>82° 02.692' E</td></tr> <tr> <td>D</td><td>25° 09.144' N</td><td>82° 02.588' E</td></tr> </tbody> </table>		Point	Latitude	Longitude	A	25° 09.220' N	82° 02.598' E	B	25° 09.217' N	82° 02.712' E	C	25° 09.139' N	82° 02.692' E	D	25° 09.144' N	82° 02.588' E
Point	Latitude	Longitude															
A	25° 09.220' N	82° 02.598' E															
B	25° 09.217' N	82° 02.712' E															
C	25° 09.139' N	82° 02.692' E															
D	25° 09.144' N	82° 02.588' E															
16. Geological Reserves	8,37,391 m ³																
17. Mineable Reserves	2,60,460 m ³																
18. Total Proposed Production	131,550 m ³																
19. Proposed Production/year	26,310 m ³ /annum																
20. Sanctioned Period of Mine lease	20 years																
21. Production of mine/day	87.7m ³																
22. Method of Mining	Opencast semi- mechanized																
23. No. of working days	300																
24. Working hours/day	8 hrs																
25. No. of workers	27																
26. No. of vehicles movement/day	8																
27. Type of Land	Govt./Non Forest Land																
28. Depth of Mining	12.00 m																
29. Nearest metalled road from site	0.72 Km																
30. Water Requirement	PURPOSE	REQUIREMENT (KLD)															
	Drinking	0.27 KLD															
	Suppression of dust	8.64KLD @ 1.0 L for 1 sqm (2 time a day)															
	Plantation	0.301 KLD @ 1 lit/plant															
	Total	9.21 KLD															
31. Name of QCI Accredited Consultant with QCI No period of validity.	Paramarsh (Servicing Environment and Development) 116 21 May 2021																
32. Any litigation pending against the project or land in any court	No																
33. Details of 500 m Cluster Map & certificate verified by Mining Officer	Letter No-463/Khanij/Parya/2019-20 dated 03.06.2019																
34. Details of Lease Area in approved DSR	Page 39 Table 417																
35. Proposed CER cost	Project cost – 55.86 Lacs /annum CER – 1.12 Lacs (2% of Total Cost)																
36. Proposed EMP cost	Capital Cost- 3.12 lacs Recurring cost- 7.83 lacs																
37. Length and breadth of Haul Road	720 m and 6m																
38. No. of trees to be planted	301																

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

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

RESOLUTION AGAINST AGENDA NO-12

The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-3 to these minutes. The committee also stipulated following points:

1. The average production/annum of excavated minor mineral from the begging of the lease on the basis of MM-12 should be produced.

13. "Building Stone (Khanda, Gitti & Boulder) Mining" at Araj No.-93/1, Khanda No.- 07, Village- Lakhanpura, Tehsil- & District- Lalitpur, U.P., Area -2.134 ha. File No. 4977/Proposal No. SIA/UP/MIN/39915/2019

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

1. The environmental clearance is sought for "Building Stone (Khanda, Gitti & Boulder) Mining" at Araj No.-93/1, Khanda No.- 07, Village- Lakhanpura, Tehsil- & District- Lalitpur, U.P., (Leased Area - 2.134 ha).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/39915/2019														
2. File No. allotted by SEIAA, UP	4977														
3. Name of Proponent	Sri Rajeev Singh S/o Shri Brijendra Pratap Singh														
4. Full correspondence address of proponent and mobile no.	Sri Rajeev Singh S/o Shri Brijendra Pratap Singh R/o Village-Ambekar Nagar Colony, Kabrai, Mahoba, U.P.														
5. Name of Project	Sand Stone (Gitti-Pathhar, Khandas, Boulder) Mine at Area 2.134 Ha Khanda Gitti mining project at Araj No'.93/1 Khand No.-07, Village-Lakhanpura, Tehsil-Lalitpur, District-Lalitpur, U.P.														
6. Project location (Plot/Khasra/Gata No.)	Araj No.93/1 Khand No.-07														
7. Name of River	Betwa														
8. Name of Village	Lakhanpura														
9. Tehsil	Lalitpur														
10. District	Lalitpur														
11. Name of Minor Mineral	Sand Stone (Gitti-Pathhar, Khandas, Boulder)														
12. Sanctioned Lease Area (in ha)	2.134														
13. Submerged Area (in ha)	NA														
14. Mineable Area (in ha)	2.134														
15. Zero level mRL/ground level	344 mRL														
16. Max. & Min mRL within lease area	The Highest level -356.20 mRL The lowest level is 349.80 mRL														
17. Pillar Coordinates (Verified by DMO)	<table><tr><td>Point</td><td>Latitude</td><td>Langitude</td></tr><tr><td>A</td><td>24°51'09.53"</td><td>78°27'07.06"</td></tr><tr><td>B</td><td>24°51'10.80"</td><td>78°27'10.85"</td></tr><tr><td>C</td><td>24°51'5.28"</td><td>78°27'13.34"</td></tr></table>			Point	Latitude	Langitude	A	24°51'09.53"	78°27'07.06"	B	24°51'10.80"	78°27'10.85"	C	24°51'5.28"	78°27'13.34"
Point	Latitude	Langitude													
A	24°51'09.53"	78°27'07.06"													
B	24°51'10.80"	78°27'10.85"													
C	24°51'5.28"	78°27'13.34"													

	D	24°51'53.92"	78°27'9.60"
18. Total Geological Reserves	424713 m ³		
19. Total Mineable Reserves in LoI	21340 m ³		
20. Total Proposed Production	106700 m ³ (5 Year)		
21. Proposed Production/year	21,340 m ³ / annum		
22. Sanctioned Period of Mine lease	5 years		
23. Production of mine/day	71 m ³		
24. Method of Mining	Opencast semi- mechanized		
25. No. of working days	300		
26. Working hours/day	8 hrs		
27. No. of workers	25		
28. No. of vehicles movement/day	08		
29. Type of Land	Govt./Non Forest Land		
30. Ultimate Depth of Mining	12.0 m		
31. Nearest metalled road from site	0.65 Km		
32. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.24KLD @ 10 lpcd	
	Suppression of dust	4.8 KLD @1.0 L for 1 sqm (2 time a day)	
	Plantation	0.27 KLD @ 5 lit/plant	
	Total	5.31KLD	
33. Name of QCI Accredited Consultant with QCI No Period of validity.	Paramarsh (Servicing Environment and Development) 116 2021		
34. Any litigation pending against the project or land in any court	No		
35. Details of 500 m Cluster Map & certificate verified by Mining Officer	Letter No-238/ 30, Mines /2019-20 dated 28.06.2019		
36. Details of Lease Area in approved DSR	Page No- 04 Table No- 06		
37. Proposed CER cost	Project cost – 54.00 lacs/annum CER - 1.08 lacs (2% of Total Cost)		
38. Proposed EMP cost	ToR		
39. Length and breadth of Haul Road	0.75 km and 6m		
40. No. of trees to be planted	260		

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

RESOLUTION AGAINST AGENDA NO-13

The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-3 to these minutes.

14. Sand Mining Project at Yamuna River Bed at Gata No- 33, 34, 38, 39, 50, 51, 56, 57, Khnad No. S.P.- 1 & 2, Village- Salempur, Tehsil- Khaga, District- Fatehpur, U.P., (Leased Area- 30.36 Ha). File No. 4549/Proposal No. SIA/UP/MIN/29663/2018

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

1. The environmental clearance is sought for Sand Mining Project at Yamuna River Bed at Gata No- 33, 34, 38, 39, 50, 51, 56, 57, Khnad No. S.P.- 1 & 2, Village- Salempur, Tehsil- Khaga, District- Fatehpur, U.P., (Leased Area-30.36 Ha).
2. The terms of reference (TOR) in the matter were issued by SEIAA vide letter no. 735/Parya/SEAC/4549/2018, dated 09/03/2019.
3. Public hearing organized on 31/05/2019. EIA report submitted on 24/07/2019.
4. Salient features of the project as submitted by the project proponent:

1.	On Line Proposal No.	SIA/UP/MIN/29663/2018				
2.	File No. Allotted By SEIAA, UP	4549				
3.	Name Of Proponent	M/s Aditya Building Material Supplier and Contractor, Prop. Smt. Madhubala w/o Shri Manish Ojha, R/o – Shyam colony Visunipur near Bhagwatiganj, District Balrampur.				
4.	Full Correspondence Address Of Proponent And Mobile Number	M/s Aditya Building Material Supplier and Contractor, Prop. Smt. Madhubala w/o Shri Manish Ojha, R/o – Shyam colony Visunipur near Bhagwatiganj, District Balrampur.				
5.	Name of Project	Moram mining at Yamuna river bed in Gata No.- 33,34,38,39,50,51,56,57 of Khand No. S.P. 1 & 2 in Village- Salempur, Tehsil Khaga, District -Fatehpur, U.P (Area 30.36 Ha).				
6.	Project Location (Plot/Khasra/Gata No.)	Gata No.- 33,34,38,39,50,51,56,57 of Khand No. S.P. 1 & 2 in Village- Salempur, Tehsil Khaga, District -Fatehpur, U.P.				
7.	Name Of River	Yamuna River				
8.	Name Of Village	Salempur				
9.	Tehsil	Khaga				
10.	District	Fatehpur				
11.	Name Of Minor Mineral	Moram				
12.	Sanctioned Lease Area In Ha	30.36 Ha				
13.	Mineable Area In Ha	24.318Ha				
14.	Submerge area	6.042 Ha				
15.	Zero Level mRL	78.00 mRL				
16.	Max. & Min mRL Within Lease Area	Max 83.10 mRL , Min 78.10 mRL				
17.	Pillar Coordinates (Verified By DMO) (A) Total lease area	A	25°30.262'N	81°09.680'E		
		A1	25°30.198'N	81°09.951'E		
		A2	25°30.219'N	81°09.952'E		
		B	25°30.165'N	81°10.177'E		
		C	25°29.970'N	81°10.173'E		
		D	25°30.068'N	81°09.660'E		
	Pillar Coordinates (Verified By DMO) (B) Workable area	A	25°30.262'N	81°09.680'E		
		A1	25°30.198'N	81°09.951'E		
		A2	25°30.219'N	81°09.952'E		
		B	25°30.165'N	81°10.177'E		
		C	25°29.970'N	81°10.173'E		
		D2	25°30.031'N	81°09.855'E		
	Pillar Coordinates (Verified By DMO) (c) Submerge Lease area	D1	25°30.174'N	81°09.671'E		
		D2	25°30.031'N	81°09.855'E		
		D	25°30.068'N	81°09.660'E		
		D1	25°30.174'N	81°09.671'E		
	18.	Total Geological Reserve	810600 cum			
	19.	Total Mineable Reserve in LOI	455400 cum			
19.	Total Proposed Production in 05 years	2277000 cum				
20.	Proposed Production/year	455400 cum				
21.	Sanctioned Period of Mine Lease	5 years				
22.	Production Of Mine/Day	1687 cum				

23.	Method of Mining	Manual and Semi Mechanized
24.	No. of Working Days	270
25.	Working Hours/Day	08 hrs max, Day Time
26.	No. of Workers	58
27.	No. of Vehicles Movement/Day	40-50 Trucks/Trolleys twice a day
28.	Type Of Land	Govt. /non forest River Bed
29.	Ultimate Depth of Mining	1.9 m
30.	Nearest Metalled Road From Site	430 m
31.	Water Requirement	13 KLD (Drinking Water 2.0 KLD, Dust Suppression 9.5 KLD, Plantation 1.5 KLD)
32.	Name of the QCI Accredited Consultant With QCI No. And Period Of Validity	GEOGREEN ENVIRO HOUSE PVT LTD, LUCKNOW NABET/EIA/1720/IA0023 Valid till April 02, 2020
33.	Any Litigation Pending Against The Project Or Land In Any Court.	No
34.	Details Of 500m Cluster Map & Certificate Verified By Mining Officer	Letter No. 294/30-Khanij (2018-19) dated 19.12.2018
35.	Details Of Lease Area In Approved DSR	Table No 07, S.No. 19, Page 36
36.	Proposed CSR Cost	400000.0
37.	Propose EMP Cost	866000.0
38.	Length And Breadth of Haul Road	430 m X 6 m
39.	No. of trees to be planted	80 Saplings

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

RESOLUTION AGAINST AGENDA NO-14

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure 4 & 5 to these minutes regarding mining project. The committee also stipulated following specific conditions:

- 1- Selection of plants for green belt should be on the basis of pollution removal index.
- 2- No mining activity should be carried out in-stream channel as per SSMMG, 2016.
- 3- Pakka motorable haul road to be maintained by the project proponent.
- 4- A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- 5- Permission from the competent authority regarding evacuation route should be taken.
- 6- Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
- 7- Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
- 8- One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
- 9- Provision for cylinder to workers should be made for cooking.
- 10- The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
- 11- Provide suitable mask to the workers.
- 12- Approach road kaccha is to be made motorable and tree saplings to be planted on both sides of the road.
- 13- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.

- 14- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
- 15- Provision for two toilets and hand pumps should be made at mining site.
- 16- Drinking water for workers would be provided by tankers.
- 17- Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
- 18- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 19- Corporate Environmental Responsibility (CER) plan with minimum Rs. 4,00,000/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with 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 beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Fatehpur, U.P.
- 20- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
- 21- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
- 22- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
- 23- Width of the haul road shall be more than 6 meter.
- 24- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity/production levels shall be decreased / stopped accordingly till the replenishment is completed.

15. Sand/Morrum Mining from Ken River bed at Khand No.-195/1, Village- Lahureta, Tehsil-Narani, District-Banda, U.P., M/s Katvayni Natural Resources Ltd. Sanctioned Lease Area: 33.00 ha. File No. 4962/4209/Proposal No. SIA/UP/MIN/39996/2019

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

1. The environmental clearance is sought for Sand/Morrum Mining from Ken River bed at Khand No.-195/1, Village- Lahureta, Tehsil-Narani, District-Banda, U.P., (Leased Area: 33.00 ha.), M/s Katvayni Natural Resources Ltd.
2. The terms of reference (TOR) in the matter were issued by SEIAA vide letter dated 13/11/2018.
3. Public hearing organized on 12/04/2019. EIA report submitted on 30/07/2019.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/39996/2019
2. File No. allotted by SEIAA, UP	4962/4209
3. Name of Proponent	M/s Katvayni Natural Resources Ltd. Authorized Signatory -Shri Sudama Kumar
4. Full correspondence address of proponent and mobile no.	M/s Katvayni Natural Resources Ltd. Proprietor- Shri Sudama Kumar S/o Shri Rameshwar Ram, R/o Village – Daya Shankar Ratna, Mandir Jewellers, Bekarganj Road, Dariya, District- Patna, Bihar.
5. Name of Project	Sand/Morrum Mining

6. Project location (Plot/Khasra/Gata No.)	Gata No. Part of 195/1		
7. Name of River	Ken		
8. Name of Village	Lahureta		
9. Tehsil	Naraini		
10. District	Banda		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	33.0 ha		
13. Mineable Area (in ha)	28.44 ha		
14. Zero level mRL	109 mRL		
15. Max. & Min mrl within lease area	118 mRL and 114 mRL		
16. Pillar Coordinates (Verified by DMO)	SANCTIONED MLA		
	Points	Lattitude	Longitude
	A	25° 9'27.61"N	80°24'6.78"E
	B	25° 9'35.76"N	80°24'4.82"E
	B1	25° 9'37.19"N	80°24'17.39"E
	C	25° 9'44.22"N	80°24'28.42"E
	D	25° 9'42.69"N	80°24'46.03"E
	E	25° 9'36.59"N	80°24'48.53"E
	WORKING MLA		
	A	25°9'27.61"N	80°24'6.78"E
	B	25° 9'35.76"N	80°24'4.82"E
	B1	25° 9'37.19"N	80°24'17.39"E
	C	25° 9'44.22"N	80°24'28.42"E
	J	25° 9'43.29"N	80°24'42.18"E
	I	25° 9'40.99"N	80°24'40.89"E
	H	25° 9'37.75"N	80°24'36.32"E
	G	25° 9'34.34"N	80°24'35.77"E
	F	25° 9'36.23"N	80°24'42.65"E
	K	25° 9'41.51"N	80°24'46.48"E
	E	25° 9'36.59"N	80°24'48.53"E
	NON WORKING MLA		
	F	25° 9'36.23"N	80°24'42.65"E
	G	25° 9'34.34"N	80°24'35.77"E
	H	25° 9'37.75"N	80°24'36.32"E
	I	25° 9'40.99"N	80°24'40.89"E
	J	25° 9'43.29"N	80°24'42.18"E
K	25° 9'41.51"N	80°24'46.48"E	
17. Total Geological Reserves	11,11,334 m ³		
18. Total Mineable Reserves in LOI	6,60,000 m ³ /year		
19. Total Proposed Production	6,60,000 m ³ /year (33,00,000 m ³ in 05 years)		
20. Proposed Production/year	6,60,000 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	2400 m ³ /day		
23. Method of Mining	Opencast Semi mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 74 labours		
27. No. Of vehicles movement/day	160 units		
28. Type of Land	Non – Agricultural, Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metallad road from site	SH49(Barabanki-Fatehpur-Banda): 2.0 km*(SE)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	2.03	
	Suppression of dust	12.0	
	Plantation	0.0825	

	Others (Stored Water)	0.10
	Total	14.11 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.	
33. Any litigation pending against the project or land in any court	None	
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMO Banda Letter No.1564/khanij- 30, Banda dated 25/07/2019	
35. Details of Lease Area in approved DSR	Page No 61; Table No.22	
36. Proposed CER cost	2% of total project cost i.e. Rs. 37,95,791/-	
37. Proposed EMP cost/ Total Project Cost	Rs 33,71,766/- & 18,97,89,566/-	
38. Length and Width of Haul Road	Unpaved Length 1.0 km and Paved Length 1.3 km and 6 m width	
39. No. of Trees to be Planted	165	

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

RESOLUTION AGAINST AGENDA NO-15

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure 4 & 5 to these minutes regarding mining project. The committee also stipulated following specific conditions:

- 1- Forest conservation plan should be prepared with the coordination of DFO accordingly time bound action plan for afforestation as approved by DM should be submitted at SEIAA.
- 2- Revised water calculation.
- 3- Aquatic study of surface water in relation to number of plankton should be provided in details.
- 4- Selection of plants for green belt should be on the basis of pollution removal index.
- 5- No mining activity should be carried out in-stream channel as per SSMMG, 2016.
- 6- Pakka motorable haul road to be maintained by the project proponent.
- 7- A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- 8- Permission from the competent authority regarding evacuation route should be taken.
- 9- Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
- 10- Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
- 11- One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
- 12- Provision for cylinder to workers should be made for cooking.
- 13- The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
- 14- Provide suitable mask to the workers.
- 15- Approach road kaccha is to be made motorable and tree saplings to be planted on both sides of the road.
- 16- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.

- 17- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
- 18- Provision for two toilets and hand pumps should be made at mining site.
- 19- Drinking water for workers would be provided by tankers.
- 20- Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
- 21- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 22- Corporate Environmental Responsibility (CER) plan with minimum Rs. 37,95,791/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with 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 beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Banda, U.P.
- 23- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
- 24- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
- 25- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
- 26- Width of the haul road shall be more than 6 meter.
- 27- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

16. Extraction of Sand at Gata No.-286, Village-Katari Pariyar, Tehsil-Sadar, District-Unnao., M/s Shyam Enterprise, Mining Lease Area-26.0566 Ha. File No. 4964/4574/Proposal No. SIA/UP/MIN/40123/2018

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

1. The environmental clearance is sought for Extraction of Sand at Gata No.-286, Village-Katari Pariyar, Tehsil-Sadar, District-Unnao., M/s Shyam Enterprise, Mining Lease Area-26.0566 Ha.
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter dated 09/03/2019.
3. The public hearing was organized on 28/03/2019 and final EIA report submitted on 02/08/2019.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/29936/2018
2. File No. allotted by SEIAA, UP	4964-4574
3. Name of Proponent	M/s Shyam Enterprises Authorized Signatory -Shri Gopal Pandey
4. Full correspondence address of proponent and mobile no.	M/s Shyam Enterprises Proprietor- Shri Gopal Pandey S/o Shri Gauri Shankar Pandey, R/o H.No. Old 622, New 1000, D.S.N college Road, Tehsil - Unnao, District - Unnao, Uttar Pradesh
5. Name of Project	Sand/Morrum Mining

6. Project location (Plot/Khasra/Gata No.)	Gata No. 286		
7. Name of River	Ganga		
8. Name of Village	Katari Pariyar		
9. Tehsil	Sadar		
10. District	Unnao		
11. Name of Minor Mineral	Ordinary Sand		
12. Sanctioned Lease Area (in ha)	26.0566 ha		
13. Mineable Area (in ha)	26.0566 ha		
14. Zero level mRL	112 mRL		
15. Max. & Min mrl within lease area	118 mRL and 116 mRL		
16. Pillar Coordinates (Verified by DMO)	Sanctioned Area		
	Points	Latitude	Longitude
	A	26°36'56.46"N	80°17'13.23"E
	B	26°36'52.29"N	80°17'9.93"E
	C	26°36'52.76"N	80°17'8.71"E
	D	26°36'46.59"N	80°17'7.96"E
	E	26°36'43.44"N	80°17'4.36"E
	F	26°36'36.43"N	80°17'2.70"E
	G	26°36'36.08"N	80°17'1.28"E
	H	26°36'32.87"N	80°16'59.42"E
	I	26°36'32.76"N	80°17'1.13"E
	J	26°36'26.93"N	80°16'57.06"E
	K	26°36'24.55"N	80°16'56.35"E
	L	26°36'24.36"N	80°16'46.28"E
	M	26°36'38.82"N	80°16'51.67"E
	N	26°36'49.25"N	80°16'58.98"E
O	26°36'55.26"N	80°17'8.35"E	
17. Total Geological Reserves	13,02,830 m ³		
18. Total Mineable Reserves in LOI	5,86,191 m ³ /year		
19. Total Proposed Production	5,86,191 m ³ /year (29,30,955 m ³ in 05 years)		
20. Proposed Production/year	5,86,191 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	2132 m ³ /day		
23. Method of Mining	Opencast Semi mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 70 labours		
27. No. Of vehicles movement/day	143units		
28. Type of Land	Non – Agricultural, Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	MDR (Pariyar Road): 0.2 km*(E)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	1.77	
	Suppression of dust	5.16	
	Plantation	0.065	
	Others (Stored water)	0.10	
	Total	7.10 KLD	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMO Unnao Letter No.1119/khanij, dated 22/07/2019		
35. Details of Lease Area in approved DSR	Page No 01; Table No.01		
36. Proposed CER cost	2% of total project cost i.e. Rs. 20,45,797/-		

37. Proposed EMP cost/ Total Project Cost	Rs 23,52,406/- & 10,22,89,875/-
38. Length and Width of Haul Road	Unpaved Length 0.43 km and Paved Length 17.0 km and 6 m width
39. No. of Trees to be Planted	130

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

RESOLUTION AGAINST AGENDA NO-16

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure 4 & 5 to these minutes regarding mining project. The committee also stipulated following specific conditions:

- 1- Aquatic study of surface water in relation to number of plankton should be provided in details.
- 2- Selection of plants for green belt should be on the basis of pollution removal index.
- 3- No mining activity should be carried out in-stream channel as per SSMMG, 2016.
- 4- Pakka motorable haul road to be maintained by the project proponent.
- 5- A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- 6- Permission from the competent authority regarding evacuation route should be taken.
- 7- Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
- 8- Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
- 9- One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
- 10- Provision for cylinder to workers should be made for cooking.
- 11- The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
- 12- Provide suitable mask to the workers.
- 13- Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
- 14- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
- 15- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
- 16- Provision for two toilets and hand pumps should be made at mining site.
- 17- Drinking water for workers would be provided by tankers.
- 18- Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
- 19- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 20- Corporate Environmental Responsibility (CER) plan with minimum Rs. 20,45,797/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with 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 beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Unnao, U.P.

- 21- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
- 22- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
- 23- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
- 24- Width of the haul road shall be more than 6 meter.
- 25- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

17. Sand/Morrum Mining along Ken River Bed in Gata No.- 62 and 63/1 (Block No.-29(as per LoI), Village-Khapatiha Kalan, Tehsil-Pailani, District- Banda, U.P., M/s Jai Shakti Realcon Pvt. Ltd., (Area- 17.0 Ha). File No. 4424/Proposal No. SIA/UP/MIN/28461/2018

RESOLUTION AGAINST AGENDA NO-17

The project proponent submitted an online application dated 10/07/2019 along with annexure and hard copy on 23/7/2019 through which they have prayed for point no. (1), amendment in condition no 36 of the EC "Heavy machine such as excavator scooper etc should not be employed for mining purpose" be replaced and point no (2), to allow them to use shorter, economical haul pathway. The Secretariat informed the committee that the environmental clearance for the above project was issued by SE1AA, U.P. vide Ref No.730/Parya/SEAC/ 4424/2018, dated 09/03/2019.

Rule 40(C) of "U.P Uttar Pradesh Minor Minerals (Concession) (Forty Seventh Amendment) Rules 2019" promulgated by Notification No 1886/LXXXVI-2019-57(Sa)/2017, dated 13 August, 2019 states that "The lessee may quarry with the help of machine except in the stream of water, and may also use machine for loading and unloading".

The Director, Geology & Mining U.P. communicated to all District Magistrates of U.P. through letter no. 414, dated 21 June, 2019 that under MoEF&CC guidelines and in various Orders passed by the NGT. New Delhi, it has been clarified that excavator cum loader machine used for Sand Mining shall not be of more than 3 meter boom length and 1 cubic meter bucket capacity. More than this capacity machines are not allowed for river bed sand mining because it will adversely affect environment and lead to overloading.

In view of the above the committee discussed the matter and opined as below:-

1. The Concerned portion of Specific Condition no 39 of EC be replaced with "Mining operations will be strictly carried out as per approved mining plan & subject to the conditions of EC but machines like excavator cum loader used for sand mining shall not exceed 3 meter boom, length and 1 cubic meter bucket capacity. Machines of more than this capacity are not allowed for river bed sand mining because it will adversely affect environment and lead to overloading".
2. "The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of channel water takes place. Prior permission for construction of haul road across the channel must be obtained from Irrigation Department & District Magistrate. A copy of permission should be submitted in SEIAA.

18. Bhedi Kharka Sand/Morrum Mining Khand No.- 23/21 over an area 24.291 ha near at Village-Bhedi Kharka, Tehsil- Sarila, District- Hamirpur, U.P., (Leased Area-24.291Ha). File No. 4585/ 4397/Proposal No. SIA/UP/MIN/30113/2018

RESOLUTION AGAINST AGENDA NO-18

The Secretariat informed the committee that the environmental clearance for the above project was issued by SEIAA, U.P. vide letter no. 659/Parya/SEAC/4585-4397/2018 dated 31/01/2019 for the leased area 24.291 ha and production capacity of 3,88,608 m³/year. The project proponent submitted a letter dated 20/06/2019 through which they have informed that the quality of sand in above mentioned project is very poor contains clayey soil & most of the area is now submerged as per SSMMG rules, 2016. The project proponent requested to change the production capacity of the mining from 3,88,608 m³/year to 97,152 m³/year.

The committee discussed the letter dated 20/06/2019 submitted by the project proponent and directed the Secretariat to send a letter to District Magistrate, Hamirpur for providing the factual report regarding the project. The committee also directed that a copy of the letter should be sent to Director, Geology and Mining Department, Lucknow, Uttar Pradesh for necessary information.

The matter shall be discussed after receipt of factual report.

19. Sand/Morrum Mining from Ken Riverbed at Gata No. 165, 166 and 174, Block No. 20 at Village padohra Khadar, Tehsil Pailane, & District Banda, Uttar Pradesh. (Area 14.0 Ha). File No. 4428/Proposal No. SIA/UP/MIN/76021/2018

RESOLUTION AGAINST AGENDA NO-19

The Secretariat informed the committee that the environmental clearance for the above project was issued by SEIAA, U.P. vide letter no. 479/Parya/SEAC/4428/2018 dated 22/01/2018 for the leased area 14.00 ha and production capacity of 2,80,000 m³/year. The project proponent submitted a letter dated 21/06/2019 through which they have informed that the quality of sand in above mentioned project is very poor contains clayey soil & most of the area is now submerged as per SSMMG rules, 2016. The project proponent requested to change the production capacity of the mining from 2,80,000 m³/year to 30,000 m³/year.

The committee discussed the letter dated 21/06/2019 submitted by the project proponent and directed the Secretariat to send a letter to District Magistrate, Banda for providing the factual report regarding the project. The committee also directed that a copy of the letter should be sent to Director, Geology and Mining Department, Lucknow, Uttar Pradesh for necessary information.

The matter shall be discussed after receipt of factual report.

Matter with the permission of Chairman

20. Proposed Group Housing Project at Khasra No.- 68/1, 68/2, 69, 70M, 95M, 96, 97M, 100, at Village- Chhajarsi, Tehsil- Dari District- Gautam Budha Nagar, U.P., M/s Ramprastha Nxt Project Pvt. Ltd. File No. 4952/Proposal No. SIA/UP/MIS/112247/2019

A presentation was made by the project proponent along with their consultant M/s Ind Tech House Consult. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Proposed Group Housing Project at Khasra No.- 68/1, 68/2, 69, 70M, 95M, 96, 97M, 100, at Village- Chhajarsi, Tehsil- Dari District- Gautam Budha Nagar, U.P., M/s Ramprastha Nxt Project Pvt. Ltd.

2. The project is having Plot area is 23,794 sqm and Built-up area is 81,118.001 sqm. Total Dwelling Units are 376 nos., EWS & LIG units are 76 nos.
3. Salient features of the project:

Sl. No.	Description	Quantity	Unit
GENERAL			
1	Gross Plot Area	23794	SQMT
2	Proposed Built Up Area	81118.001	SQMT
3	Number of Building Blocks	9 (7+2)	No.
4	Total no of Saleable DU's	376	No.
5	EWS & LIG DU's	76	No.
6	Max Height of Building (Upto Terrace)	108.2	M
7	Max No of Floors	2B+ST+34	No.
8	Expected Population (2700 Residential+744 Floating)	2828	No.
9	Cost of Project	122	CR
AREAS			
10	Permissible Ground Coverage Area (40%)	9517.6	SQMT
11	Proposed Ground Coverage Area (15.9%)	3785.171	SQMT
12	Proposed FAR Area 153	36454.11	SQMT
13	Non FAR areas - Total Basement Area	31121.24	SQMT
14	Non FAR areas - Stilt/Podium Area	3175.38	SQMT
15	Other Non FAR Service areas	15019.42	SQMT
16	Proposed Total Built Up Area	81118	SQMT
WATER			
17	Total Water Requirement	224.45	KLD
18	Fresh water requirement	159.51	KLD
19	Treated Water Requirement	64.93	KLD
20	Waste water Generation	177.84	KLD
21	Proposed Capacity of STP	215	KLD
22	Treated Water Available for Reuse	142.27	KLD
23	Treated Water Recycled	64.93	KLD
24	Surplus treated water to be discharged in Municipal Sewer	77	KLD
RAIN WATER HARVESTING			
25	Rain Water Harvesting Potential	4856.11	KL
26	No of RWH of Pits Proposed	6	No.
PARKING			
27	Total Parking Required as / Building Bye Laws	414	ECS
28	Proposed Total Parking	1252	ECS
29	Parking on Surface	248	ECS
30	Stilt & Podium Parking	86	ECS
31	Parking in Basements	918	ECS
GREEN AREA			
32	Required Green Area (15% of plot area)	3569.1	SQMT
33	Proposed Green Area (15.01% of plot area)	3570	SQMT
WASTE			
34	Total Solid Waste Generation	1.2	TPD
35	Organic waste	0.74	TPD
36	Quantity of E-Waste Generation- Kg/Day	7.74	KG/DAY
37	Quantity of Hazardous waste Generation	0.51	LPD
38	Quantity of Sludge Generated from STP	118	KG/DAY
ENERGY			
39	Total Power Requirement	3187	KW
40	DG set backup	1760	KVA
41	No of DG Sets	2	No.

4. Population details:

Residential	Dwelling Units	Population density	Total population
Saleable Dwelling Units	376	5	1880
EWS & LIG	76	5	380
Total			2260
Non residential			
Community hall/commercial (Employees etc.)	Area		
Commercial/convt shopping	150.00	L.S.	15
Community hall/club	356.91	L.S.	7
School	494.38	L.S.	124
Facility management staff		L.S.	43
Total			189
Visitors			
Residential			226
Commercial, community hall			153
Total visitors			379
Total population			2828

5. Water requirement details:

	POPULATION/ AREA/UNIT	RATE LTS	IN	TOTAL QTY IN KL
Residential				
Domestic	2260	65		146.90
Flushing	2260	21		47.46
Non Residential (working)				
Domestic	189	25		4.72
Flushing	189	20		3.77
Visitors				
Domestic	379	5		1.90
Flushing	379	10		3.79
Total population	2828			
	Area in sqm			
Gardening	3570	1		3.57
	KVA			
DG cooling	1760	0.9		6.34
Swimming pool/water body	1			6
Total water requirement				224.45
Head	Source	Quantity		
Fresh Water Requirement	Ghaziabad Municipal Corporation	159 KLD		
Treated Water Requirement	On site STP	65 KLD		
<div>➤ Estimated waste water Generation: 178 KLD</div> <div>➤ Treated water usage: 65 KLD</div> <div>➤ Proposed STP (Capacity): 215 KLD</div> <div>➤ Proposed treatment methodology : MBBR</div> <div>➤ Treatment up to tertiary level.</div> <div>➤ STP shall have power back-up for uninterrupted operation during power failure.</div> <div>➤ Treated waste water will be used for flushing & gardening.</div>				

6. Solid waste generation details:

Waste Category	Quantity	Unit
Total Waste Generation	1.22	TPD

Organic Waste Generation	0.74	TPD
Sludge Generation	118	KG/Day
Hazardous Waste Generation (DG Waste Oil)	0.51	Ltrs/ Day

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

RESOLUTION AGAINST AGENDA NO-20

The committee discussed the matter and recommended to grant the environmental clearance for the above project proposal along with general conditions as earlier prescribed by authority for construction project and following specific conditions:

- Solar energy to be used alternatives on the road and common places for illumination to save conventional energy as per ECBC Code.
- The project proponent shall submit within the next 3 month the data of ground water quality including fluoride parameter to the limit of minimum deduction level for all six monitoring stations.
- 15% area of the total plot area shall be compulsorily made available for the green area development including the peripheral green area. Plantation of trees should be of indigenous species and may be as per the consultation of local district Forest Officer.
- The waste water generated should be treated properly in scientific manner i.e. domestic waste water to be treated in STP and effluent such as RO rejects with high TDS and other chemical bearing effluent shall be treated separately.
- Permission from local authority should be taken regarding discharge of excess water into the sewer line.
- The height, Construction built up area of proposed construction shall be in accordance with the existing FAR norms of the competent authority & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
- "Consent for Establishment" shall be obtained from UP Pollution Control Board.
- All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
- Project proponent shall ensure completion of STP, MSW disposal facility, green area development prior to occupation of the buildings.
- Municipal solid waste shall be disposed/managed as per Municipal Solid Waste (Management and Handling) Rules, 2016.
- Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as cylinder for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche and First Aid Room etc.
- Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
- The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
- Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. A copy of resolution of board of directors shall be submitted to the authority. A list of beneficiaries with their mobile nos./address should be submitted along with six monthly compliance reports.
- No parking shall be allowed outside the project boundary.
- Digging of basement shall be undertaken in view of structural safety of adjacent buildings under information/consultation with District Administration/Mining Department. All the topsoil excavated during construction activities should be stored for use in horticulture /landscape development within the project site. Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.

17. Surface rain water has to be collected in kacchha pond for ground water recharging and irrigation of horticulture and peripheral plantation.
18. The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipments etc. as per National Building Code including measures from lighting.
19. Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed off taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
20. Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the UP Pollution Control Board.
21. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
22. Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/UPPCB.
23. The green area design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential area. The open spaces inside the plot should be landscaped and covered with grass and shrubs. Green area Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
24. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
25. Pavements shall be so constructed as to allow infiltration of surface run-off of rain water. Construction of pavements around trees should be able to facilitate suitable watering, aeration and nutrition to the tree.
26. Ready Mix Concrete and Sprinkler to be used for curing and quenching during construction phase.
27. Roof top water in rainy season is to be discharged into RWH pits for ground water recharging. Arrangement shall be made that waste water and storm water do not get mixed.
28. NOC from Ground Water Board is to be submitted for drilling of tube well for use of Water Supply.
29. All the internal drains are to be covered till the disposal point.
30. This environmental clearance is issued subject to land use verification. Local authority / planning authority should ensure this with respect to Rules, Regulations, Notifications, Government Resolutions, Circulars, etc. issued if any.
31. Reflecting paint should be used on the roof top and side walls of the building tower for cooling effect.

(Dr. Arvind Mathur)
Member

(Dr. Virendra Misra)
Member

(Dr. Pramod Kumar Mishra)
Member

(Dr. Richhpal Singh Sangu)
Member

(Dr. Ranjeet Kumar Dalela)
Member

(Shri Ramesh Chand Kataria)
Member

(Dr. Ajoy Kumar Mandal)
Member

(Shri Meraj Uddin)
Member

(Dr. (Prof.) S. N. Singh)
Chairman

Annexure-1

General and Specific Conditions for Brick/Soil Earth Mining Projects:-

General condition:

1. This environmental clearance does not create or verify any claim of applicant on the proposed site/activity.
2. Any mining activity shall be undertaken only after valid permission from Mining Department/District Administration and written agreement with land owner from where earth excavation is proposed.
3. No change in mining technology and scope of working shall be made without approval of Authority.
4. Personnel working in dusty areas shall be provided with protective respiratory devices and they shall also be imparted adequate training and information on safety and health aspects.
5. The Authority reserves the right to revoke the clearance if conditions stipulated are not implemented. The Authority will also be entitled to impose additional environmental conditions or modify the existing ones, if necessary.
6. In case of any deviation or alteration in the project proposed from those submitted to this Authority for clearance, a fresh reference should be made to the Authority to assess the adequacy of the condition(s) imposed and to add additional environmental protection Measures required, if any.
7. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

Specific Conditions:

1. The Environmental clearance will be co-terminus with the agreement/lease.
2. Approach kachha road should be made motorable and maintained periodically.
3. Transportation of soil should be undertaken in covered containers.
4. Rehabilitation plan with planting of trees to be submitted along with the closure plan.
5. Land to be levelled and handed over to the owners after completion of excavation work.
6. A valid NOC from State Pollution Control Board shall be obtained for the Brick kiln prior to operation as per law and all guidelines must be followed.
7. The mining operations shall be strictly limited to the proposed mining sites and proposed purpose.
8. Top soil should be adequately preserved and should be used for landscaping.
9. Excavated soil should be properly stored in a manner not to increase surrounding air pollution level.
10. Water sprinkling should be exercised during excavation and storage of soil for suppression of fugitive dust.
11. Excavated area should be properly reclaimed and ensured that no open bore hole is left.
12. Safety measures for the people working at the site shall be duly taken care of as per law.
13. The excavation work shall be done in day time only.
14. The project boundary shall be properly covered to restrict dust dispersion.
15. Precautionary measures during soil excavation for conservation and protection of rare and endangered flora and fauna found in the study area.
16. Noise level shall be maintained as per standards for both day and night.
17. The route map for soil transportation from excavation plots to work site should be firmed up and necessary permissions shall be sought from District Administration.
18. Vehicles hired for the transportation should be in good condition and should have Pollution Check Certificate and should conform to applicable air and noise emission standards.

19. Personnel exposure monitoring for respirable mineral dust shall be carried out for the workers and records maintained including health records of the workers. Awareness program for workers on impact of mining on their health and precautionary measures like use of personal protective equipments etc. shall be carried out periodically. First aid facilities and adequate sanitary facility in the form of temporary toilets/septic tanks.
20. Solid waste material viz gutkha rappers, plastic bags, glasses etc. to be generated during project activity will be separately stored in bins and managed as per Solid Waste Management Rules.
21. Project proponent should maintain daily register for information of (a) collection of soil/clay, (b) manpower & (c) transportation purpose.
22. Soil mining shall strictly be undertaken as per rules and regulations/permissions obtained from District Administration/Mining Department
23. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. A copy of resolution as above shall be submitted to the authority along with list of beneficiaries with their mobile nos./address.
24. The borrowing/excavation activity shall be restricted to a maximum depth of 2 m. below general ground level at the site.
25. The borrowing/excavation activity shall be restricted to 2 m. above the ground water table at the site.
26. The borrowing/excavation activity shall not alter the natural drainage pattern of the area.
27. The borrowed/excavated pit shall be restored by the project proponent for useful purpose(s).
28. Appropriate fencing all around the borrowed/excavated pit shall be made to prevent any mishap.
29. Measures shall be taken to prevent dust emission by covering of borrowed/excavated earth during transportation.
30. Safeguards shall be adopted against health risks on account of breeding of vectors in the water bodies created due to borrowing/excavation of earth.
31. Workers/labourers shall be provided with facilities for drinking water and sanitation.
32. A berm shall be left from the boundary of adjoining field having a width equal to at least half the depth of proposed excavation.
33. A minimum distance of 15 m from any civil structure shall be kept from the periphery of any excavation area.

Annexure-2

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

A. General Conditions:

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under 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 required prior environmental clearance as per EIA notification, 2006.
4. No change in the calendar plan including excavation, 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 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. 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 up loaded on the company's website and also displayed at 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) dt. 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 ear plugs / muffs and health records of the workers shall be maintained.
11. Industrial waste water (workshop and waste water from the mine) should be properly collected, treated so as 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 trap shall be installed before discharge of workshop effluents.
12. Personnel working in areas shall be provided with protective respiratory devices like mask 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 day hours time only.
15. Provision shall be made for the housing the labourers 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 suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.

17. The Project Proponent shall inform to the Regional Office, MoEF, GoI, Lucknow and State Pollution Control Board regarding 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 separate account and shall not be diverted for other purpose. 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 of 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 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 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 environment 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 Environment (Protection) Act, 1986.

B. Specific Conditions:

1. This environmental clearance does not create or verify any claim of applicant on the proposed site/activity.
2. This environmental clearance shall be subject to valid lease in favour of 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.
3. The Environmental clearance will be co-terminus with the mining lease period.
4. Explosive can not be stored on the site.
5. A comprehensive EIA including mining areas within 15 K.M. to assess impact of the mining activity on the surrounding area shall be undertaken and report submitted to this Authority within one year.
6. 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.
7. After exhausting the first mine pit and before starting mining operations in the next pit, reclamation and plantation works in the exhausted pit shall be completed so as 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.
8. Adequate buffer zone shall be maintained between two consecutive mineral bearing deposits.
9. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
10. Green belt development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO / Agriculture Department. Herbs and shrubs shall also form a part of afforestation programme besides tree plantation. The company shall involve local people

for 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.

11. Blast vibrations study shall be conducted and a observation report submitted to the Regional office, MoE&CC, GoI, Lucknow and UPPCB within six months. The report shall also include measures for prevention of blasting associated impact on nearby houses and agricultural fields.
12. Controlled blasting techniques with sequential blasting shall be adopted. The blasting shall be carried out in the day time only.
13. Appropriate arrangement for shelter and drinking water for the mining workers has to be ensured at the mining site.
14. Maintenance of village roads used for transportation of minerals are to be done by the company regularly at its own expenses. The roads shall be black topped.
15. Rain water harvesting shall be undertaken to recharge the ground water source.
16. 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.
17. 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 geo textile 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.
18. 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. 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.
19. Garland drain of appropriate size, gradient and length shall be constructed for both mine pit and for 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 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.
20. 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 ground water shall be set up and records maintained.
21. 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.
22. 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.
23. Corporate Environmental Responsibility (CER) shall be by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with 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 beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers.
24. Transportation of minerals shall be done by covering the trucks with tarpaulin or other suitable mechanism so that no spillage of mineral/dust takes place.
25. 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 health records of the workers. Awareness programme for workers on impact of mining on their health and precautionary measures like use of personal equipments

- etc. shall be carried out periodically. Review of impact of various health measures shall be conducted followed by follow up action wherever required.
26. The project proponent will ensure for providing employment to 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.
 27. Top soil / 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 mined out area. Top soil shall be separately stacked for utilization later for reclamation and shall not be stacked along with over burden.
 28. Over burden (OB) shall be stacked at 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 maximum 10 m and 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 run off.
 29. 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 six monthly basis.
 30. Slope of the mining bench and ultimate pit limit shall be as per the mining scheme approved by Indian Bureau of Mines.
 31. Permission for abstraction of ground water 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. pre-monsoon (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.
 32. The waste water from the mine shall be treated to conform to the prescribed standards before discharging in to 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.
 33. Hydro geological study of the area shall be reviewed by the project proponent annually. In case adverse effect on ground water quality and quantity is observed mining shall be stopped and resumed only after mitigating steps to contain any adverse impact on ground water is implemented.
 34. 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 course of transportation. No overloading of minerals for transportation shall be committed. The trucks transporting minerals shall not pass through wild life sanctuary, if any in the study area.
 35. Prior permission from the Competent Authority shall be obtained for extraction of ground water, if any.
 36. 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.
 37. Project Proponent shall explore the possibility of using solar energy where ever possible.
 38. Commitment towards CER has to be followed strictly.
 39. Regular health check-up record of the mine workers has to be maintained at site in a proper register. It should be made available for inspection whenever asked.
 40. Project Proponent has to strictly follow the direction/guidelines issued by MoEF&CC, CPCB and other Govt. Agencies from time to time.
 41. The blasting will be done only after getting the permission from the Mining Department.

Terms of Reference for Khada, Gitti, Boulder, Stone Mining Project

1. All pages of technical documents/EIA/EMP etc. should be signed by the consultant and project proponent both.
2. Copy of all the analysis reports signed by analyst approved by NABL or MoEF&CC shall be annexed with the EIA report and original analysis reports should be presented at the time of presentation.
3. MOU signed between the project proponent and the consultant should be submitted.
4. A certificate that there is no other mining area within 500 m other than the areas mentioned in the application as above.
5. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
6. Approved mining plans for all the mining projects.
7. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
8. 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.
9. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
10. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
11. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
12. A detailed biological study for the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
13. Impact of change of land use should be given.
14. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
15. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
16. 02 KM kachcha haul road to be made motorable. Submit Plan.
17. One season (Non Monsoon) primary baseline data on ambient air quality (PM_{2.5}, PM₁₀, SO_x and NO_x), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
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.
18. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
 19. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
 20. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
 21. Details of water conservation measures proposed to be adopted in the project should be given.
 22. 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.
 23. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
 24. Details of first order stream, if any passing through lease area and modification diversion proposed, if any and the impact of the same on the hydrology should be brought out.
 25. Details of rainwater harvesting proposed, if any, in the project should be provided.
 26. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
 27. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
 28. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
 29. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
 30. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
 31. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
 32. Phase-wise plan of green belt development, plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.
 33. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
 34. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
 35. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia

- should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
36. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
 37. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
 38. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
 39. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
 40. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
 41. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
 42. a. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
b. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
 43. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
 44. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.

GENERAL CONDITIONS PRESCRIBED BY SEIAA/SEAC, UP FOR SAND/MORUM MINING PROPOSALS

General Conditions:

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

19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
21. Dispensary facilities for first-aid shall be provided at site.
22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions the District Mining Officer will report to SEIAA.
24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad/ Municipal Corporation and Urban Local Body.
26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
31. Under corporate social responsibility a sum of 5% of the total project cost or total income whichever is higher is to be earmarked for total lease period. Its budget is to be separately maintained. CER component shall be prepared based on need of local habitant. Income generating measures which can help in upliftment of poor section of society, consistent with the traditional skills of the people shall be identified. The programme can include activities such as development of fodder farm, fruit bearing orchards, free distribution of smokeless Chula etc.
32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required

safeguard measures. In this regards the safety notified zone should be left so that the habitat/nesting area is undisturbed.

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

Specific Conditions for Sand Moram Mining :-

1. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
2. If in future this lease area becomes part of cluster of equal to or more than 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
3. The Environmental clearance will be co-terminus with the mining lease period.
4. Project falling within 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
5. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
6. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHAI and should be submitted to SEIAA/SEAC, Secretariat as earliest.
7. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C issued will stand revoked.
8. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
9. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
10. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width whichever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
11. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
12. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
13. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
14. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
15. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS))].
16. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
17. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.

18. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
19. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM₁₀, PM_{2.5}, SO₂ and NO_x. 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.
20. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
21. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
22. Solid waste material viz., gutkha pouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
23. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchayat.
24. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
25. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
26. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
27. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
28. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
29. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
30. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
31. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
32. Waste water from potable use be collected and reused for sprinkling.
33. During the school opening and closing time vehicle movement will be restricted.
34. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.