

Minutes of 395th SEAC Meeting Dated 05/04/2019

The 395th meeting of SEAC was held in Directorate of Environment, U.P. on 05/04/2019 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.	Dr. Ajoy Kumar Mandal,	Member
8.	Shri Meraj Uddin,	Member
9.	Shri Rajive Kumar,	Member

The Chairman welcomed the members to the 395th SEAC meeting.

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

1. Project of "Granite (Khanda, Gitti & Boulders) Mine" Project at Gata No.- 2702, Khanda No.- 04, Area-5.668 ha, Village- Pahara, Tehsil- Mahoba, District- Mahoba, U.P., (Leased Area-5.668 ha) File No. 4687/Proposal No. SIA/UP/MIN/31598/2019

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

- 1- The environmental clearance is sought for "Granite (Khanda, Gitti & Boulders) Mine" Project at Gata No.- 2702, Khanda No.- 04, Village- Pahara, Tehsil- Mahoba, District- Mahoba, U.P., (Leased Area- 5.668 ha).
- 2- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/31598/2019
2. File No .allotted by SEIAA,UP	4687
3. Name of Proponent	Shri Jaiwant Singh
4. Full correspondence address of proponent and mobile no.	R/o- Vill- Pahara, Tehsil- Mahoba District- Mahoba, U.P.
5. Name of Project	Granite (Khanda, Gitti & Boulder) Mining Project
6. Project location (Plot/ Khasra /Gata No.)	Gata No.- 2702, Khand No.- 04
7. Name of Village	Pahara
8. Tehsil	Mahoba
9.District	Mahoba
10. Name of Minor Mineral	Granite (Khanda, Gitti & Boulder)
11. Sanctioned Lease Area (in Ha.)	5.668 ha.
12. Mineable Area (in Ha.)	5.668 ha.
13.Zero level mRL	Not Applicable
14.Max.& Min mrl within lease area	205.0 mRL- 184.0 mRL
15.Pillar Coordinates(Verified by DMO)	25° 20' 19.74" N to 25° 20' 26.94" N 80° 04' 08.45" E to 80° 04' 21.24" E

16.Total Geological Reserves	33,82,110 m ³														
17.Total Mineable Reserves	20,29,882 m ³														
18.Total Proposed Production (in five year)	56,680 m ³														
19.Proposed Production for 5 years	<table border="1"> <thead> <tr> <th>Year</th><th>Production</th></tr> </thead> <tbody> <tr> <td>1st</td><td>56,680 m³ Annum</td></tr> <tr> <td>2nd</td><td>56,680 m³ Annum</td></tr> <tr> <td>3rd</td><td>56,680 m³ Annum</td></tr> <tr> <td>4th</td><td>56,680 m³ Annum</td></tr> <tr> <td>5th</td><td>56,680 m³ Annum</td></tr> <tr> <td>Total</td><td>2,83,400 m³</td></tr> </tbody> </table>	Year	Production	1 st	56,680 m ³ Annum	2 nd	56,680 m ³ Annum	3 rd	56,680 m ³ Annum	4 th	56,680 m ³ Annum	5 th	56,680 m ³ Annum	Total	2,83,400 m ³
Year	Production														
1 st	56,680 m ³ Annum														
2 nd	56,680 m ³ Annum														
3 rd	56,680 m ³ Annum														
4 th	56,680 m ³ Annum														
5 th	56,680 m ³ Annum														
Total	2,83,400 m ³														
20.Sanctioned Period of Mine lease	20 Years														
21.Production of mine/day	189 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	28														
26.No.Of vehicle movement /day	19														
27.Type of Land	Govt. land Non- Agricultural														
28.Ultimate Depth of Mining	18.0 Meter														
29.Nearest metalled road from site	400 meter														
30. Water Requirement	<table border="1"> <thead> <tr> <th>PURPOSE</th><th>REQUIREMENT (KLD)</th></tr> </thead> <tbody> <tr> <td>Drinking</td><td>0.28</td></tr> <tr> <td>Suppression of dust</td><td>4.80</td></tr> <tr> <td>Plantation</td><td>0.65</td></tr> <tr> <td>Others(if any)</td><td>-----</td></tr> <tr> <td>Total</td><td>5.73</td></tr> </tbody> </table>	PURPOSE	REQUIREMENT (KLD)	Drinking	0.28	Suppression of dust	4.80	Plantation	0.65	Others(if any)	-----	Total	5.73		
PURPOSE	REQUIREMENT (KLD)														
Drinking	0.28														
Suppression of dust	4.80														
Plantation	0.65														
Others(if any)	-----														
Total	5.73														
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, Mahoba vide Letter No. 6235/MMC-30/2018-19 Dated 22 November, 2018														
34. Details of Lease Area in approved DSR	Page No.- 92, S.No.- 25														
35. Proposed CER cost	1.70 Lakh														
36. Proposed EMP cost	11.40 Lakh														
37. Length and breadth of Haul Road.	Length- 0.40 Km, Width- more than 6.0 m														
38. No. of Trees to be Planted	163														

- 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-01

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) (with effect from dated 04/04/2019) for the preparation of EIA as annexed at annexure-2 to these minutes.

2. Project of "Granite (Khanda, Gitti & Boulders) Mine" Project at Gata No.- 1078, Khanda No.-34, Village- Gonda, Tehsil- Karwi, Distt- Chitrakoot, (Leased Area-2.02 ha) File No. 4690/Proposal No. SIA/UP/MIN/31706/2019

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

1- The environmental clearance is sought for "Granite (Khanda, Gitti & Boulders) Mine" Project at Gata No.- 1078, Khanda No.-34, Village- Gonda, Tehsil- Karwi, Distt- Chitrakoot, (Leased Area-2.02 ha).

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

1. On-line proposal No.	SIA/UP/MIN/31706/2019												
2. File No .allotted by SEIAA,UP	4690												
3. Name of Proponent	Shri Mahesh Prasad Jaiswal S/o Shri Ramchandra Jaiswal												
4. Full correspondence address of proponent and mobile no.	R/o- Chakla Raj Rani, Tehsil- Karwi, District- Chitrakoot, U.P.												
5. Name of Project	Granite (Khanda, Gitti & Boulder) Mining Project												
6. Project location (Plot/ Khasra /Gata No.)	Gata No.-1078, Khand No.- 34												
7. Name of Village	Gonda												
8. Tehsil	Karwi												
9.District	Chitrakoot												
10. Name of Minor Mineral	Granite (Khanda, Gitti & Boulder)												
11. Sanctioned Lease Area (in Ha.)	2.02 ha.												
12. Mineable Area (in Ha.)	2.02 ha.												
13.Zero level mRL	Not Applicable												
14.Max.& Min mrl within lease area	180.75 mRL- 159.0 mRL												
15.Pillar Coordinates(Verified by DMO)	25° 12' 00.69"N to 25° 12' 04.50"N 80° 44' 18.17"E to 80° 44' 27.89"E												
16.Total Geological Reserves	7,87,640 m ³												
17.Total Mineable Reserves	4,69,381 m ³												
18.Total Proposed Production (in five year)	4,20,000 m ³												
19.Proposed Production for 5 years	<table border="1"> <thead> <tr> <th>Year</th><th>Production</th></tr> </thead> <tbody> <tr> <td>1st</td><td>1,40,000 m³</td></tr> <tr> <td>2nd</td><td>1,40,000 m³</td></tr> <tr> <td>3rd</td><td>1,40,000 m³</td></tr> <tr> <td>Total</td><td>4,20,000 m³</td></tr> </tbody> </table>	Year	Production	1 st	1,40,000 m ³	2 nd	1,40,000 m ³	3 rd	1,40,000 m ³	Total	4,20,000 m ³		
Year	Production												
1 st	1,40,000 m ³												
2 nd	1,40,000 m ³												
3 rd	1,40,000 m ³												
Total	4,20,000 m ³												
20.Sanctioned Period of Mine lease	10 Years												
21.Production of mine/day	466.67 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	34												
26.No.Of vehicle movement /day	39												
27.Type of Land	Govt. land Non- Agricultural												
28.Ultimate Depth of Mining	8.0 Meter												
29.Nearest metalled road from site	0.2 km												
30. Water Requirement	<table border="1"> <thead> <tr> <th>PURPOSE</th><th>REQUIREMENT (KLD)</th></tr> </thead> <tbody> <tr> <td>Drinking</td><td>0.36</td></tr> <tr> <td>Suppression of dust</td><td>2.40</td></tr> <tr> <td>Plantation</td><td>0.28</td></tr> <tr> <td>Others(if any)</td><td>-----</td></tr> <tr> <td>Total</td><td>3.04</td></tr> </tbody> </table>	PURPOSE	REQUIREMENT (KLD)	Drinking	0.36	Suppression of dust	2.40	Plantation	0.28	Others(if any)	-----	Total	3.04
PURPOSE	REQUIREMENT (KLD)												
Drinking	0.36												
Suppression of dust	2.40												
Plantation	0.28												
Others(if any)	-----												
Total	3.04												
31. Name of QCI Accredited Consultant with QCI	M/s Paramarsh (Servicing Environment and Development),,												

No and period of validity.	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, Chitrakoot vide Letter No. 65/Khanij/2018-19 Dated 15 th January, 2018
34. Details of Lease Area in approved DSR	Page No.- 32, S.No.- 10
35. Proposed CER cost	1.64 Lakh
36. Proposed EMP cost	9.87 Lakh
37. Length and breadth of Haul Road.	Length- 0.2 Km, Width- more than 6.0 m
38. No. of Trees to be Planted	70

- 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-02

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-2 to these minutes.

3. Project of Building Stone, (Sand Stone) Mining Project at Araj No.- 1 ka, Area-1.01 ha, Village- Sonpur, Tehsil- Chunar, District- Mirzapur, U.P., (Leased Area-1.01 ha) File No. 4698/Proposal No. SIA/UP/MIN/31982/2019

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 Building Stone, (Sand Stone) Mining Project at Araj No.- 1 ka, Village- Sonpur, Tehsil- Chunar, District- Mirzapur, U.P., (Leased Area-1.01 ha).
- 2- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/31982/2019
2. File No. allotted by SEIAA, UP	4698
3. Name of Proponent	Shri Dileep Suryavanshi (M/s Dileep Buildcon Limited)
4. Full correspondence address of proponent and mobile no.	R/o Plot No-05 Inside Govind Narayan Singh Gate Chunabhati Kolar Road Bhopal
5. Name of Project	Area 2.50 Acres (1.01 Ha) Sandstone (Building Stone) mining project at Araj No'. 1Ka Village-Sonpur, Tehsil-Chunar, District- Mirzapur, U.P.
6. Project Location(Plot.Khasra/Gata No.)	Araj No-1Ka
7. Name of River	NA
8. Name of Village	Sonpur
9. Tehsil	Chunar
10. District	Mirzapur
11. Name of Minor Mineral	Sand Stone (Building Stone)
12. Sanctioned Lease Area (in Ha.)	1.01 Ha
13. Mineable Area (in Ha.)	0.79 Ha

14. Zero level mRL	77.0.0 mRL in NW (Ganga River 13.91 Km in NWdirection)		
15. Max. & Min mRL within lease area	112.0 mRL in S &103.0 mRL in NW		
16. Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude
	A	25°3'05.69"N	82°59'12.48"E
	B	25°3'06.58"N	82°59'16.52"E
	C	25°3'03.45"N	82°59'17.40"E
	D	25°3'02.75"N	82°59'13.49"E
17. Total Geological Reserves	113843m ³ /Annum		
18. Total Mineable Reserve in LOI	10,100m ³ /Annum		
19. Total Proposed Production	10,100m ³ /Annum		
20. Proposed Production /year	10,100m ³ /Annum		
21. Proposed Production in 20 Years	10,100*20=2,02,000		
22. Sanctioned Period of Mine lease	20 Years		
23. Production of mine/day	34m ³ /Day		
24. Method of Mining	Open cast semi-Mechanized Mining		
25. No. of working days	300 Days		
26. Working hours/day	8 Hours		
27. No. of worker	30 Worker		
28. No. of vehicles movement/day	4 Trucks / Day (Depending on market demand)		
29. Type of Land	Govt. Land		
30. Ultimate of Depth of Mining	6 m		
31. Nearest metalled road from site	1.30 Km		
32. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.24 KLD	
	Suppression of dust	5.4 KLD	
	Plantation	0.136 KLD	
	Others (if any)		
	Total	5.776 KLD (Approx 6.0 KLD)	
33. Name of QCI Accredited Consultant with QCI No and period of validity.	Ind Tech House Consult QCI No.86 Period of Validity- 31.01.2021		
34. Any litigation pending against the project or land in any court	No		
35. Details of 500 m Cluster Certificate verified by Mining Officer	287/Khanij/MMC/2018-2019 Dated-01/04/2019		
36. Details of Lease Area in approved DSR	Page No-10 Sr.No-09		
37. Proposed CER cost	2% of total project cost i.e. Rs. 1.09Lac		
38. Proposed EMP cost	8.37 Lac		
39. Length and breadth of Haul Road	450 mtr Length & 6m width haulage road		

- 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-03

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-2 to these minutes.

4. Project of Building Stone, (Sand Stone) Mining Project at Araj No.- 997 Mi, Area-3.03 ha, Village- Sindhora, Tehsil- Sadar, District- Mirzapur, U.P., (Leased Area-3.03 ha) File No. 4700/Proposal No. SIA/UP/MIN/32294/2019

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 Building Stone, (Sand Stone) Mining Project at Araj No.- 997 Mi, Village- Sindhora, Tehsil- Sadar, District- Mirzapur, U.P., (Leased Area-3.03 ha).
- 2- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/32294/2019		
2. File No. allotted by SEIAA, UP	4700		
3. Name of Proponent	Sanjay Kumar Dubey (M/s Vindhya Stone Products)		
4. Full correspondence address of proponent and mobile no.	R/o Village- Dharsada, Tehsil-Ghorawal, District- Sonbhadra, U.P)		
5. Name of Project	Area 7.49 Acres (3.03 Ha) Building Stone (Sand Stone) Mining Project at Araj No. 997 mi Village- Sindhora, Tehsil- Sadar, District- Mirzapur, U.P		
6. Project Location (Plot.Khasra/Gata No.)	Araj No-997Mi		
7. Name of River	NA		
8. Name of Village	Sindhora		
9. Tehsil	Sadar		
10. District	Mirzapur		
11. Name of Minor Mineral	Sand Stone (Building Stone)		
12. Sanctioned Lease Area (in Ha.)	3.03Ha		
13. Mineable Area (in Ha.)	2.53Ha		
14. Zero level mRL	68.0 mRL in N (Ganga River 2.18 Km in N direction)		
15. Max. & Min mRL within lease area	138.0 mRL in SW & 117 mRL in NE		
16. Pillar Coordinates (Verified by DMO)	A	25°05'27.91"N	82°48'47.56"E
	B	25°05'31.30"N	82°48'52.50"E
	C	25°05'25.28"N	82.48'56.69"E
	D	25°05'23.05"N	82°48'51.07"E
17. Total Geological Reserves	1361168m ³ /Annum		
18. Total Mineable Reserve in LOI	30,300m ³ /Annum		
19. Total Proposed Production	30,300m ³ /Annum		
20. Proposed Production /year	30,300m ³ /Annum		
21. Proposed Production in 20 Years	30,300*20=6,06,000		
22. Sanctioned Period of Mine lease	20 Years		
23. Production of mine/day	101m ³ /Day		
24. Method of Mining	Open cast semi-Mechanized Mining		
25. No. of working days	300 Days		
26. Working hours/day	8 Hours		
27. No. of worker	30 Worker		
28. No. of vehicles movement/day	11 Trucks / Day (Depending on market demand)		
29. Type of Land	Govt. Land		
30. Ultimate of Depth of Mining	6 m		
31. Nearest metalled road from site	1.30 Km		
32. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.30 KLD	
	Suppression of dust	8.4 KLD	
	Plantation	0.40 KLD	
	Others (if any)		
	Total	9.1 KLD	

33. Name of QCI Accredited Consultant with QCI No and period of validity.	Ind Tech House Consult QCI No.86 Period of Validity- 31.01.2021
34. Any litigation pending against the project or land in any court	No
35. Details of 500 m Cluster Certificate verified by Mining Officer	288/Khanij/MMC/2018-2019 Dated-01/04/2019
36. Details of Lease Area in approved DSR	Page No-13 Sr.No-68
37. Proposed CER cost	2% of total project cost i.e. Rs. 1.16Lac
38. Proposed EMP cost	10.70 Lac
39. Length and breadth of Haul Road	700 mtr Length & 6m width haulage road

- 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-04

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-2 to these minutes.

5. "Sand/Morrum Mining" Project at Arajai No.- 166 (Khand No.-01), Village- Nagawan, Tehsil- Duddhi, District- Sonebhadra, U.P., (Leased Area-8.097 ha) File No. 4702/Proposal No. SIA/UP/MIN/32564/2019

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

- 1- The environmental clearance is sought for "Sand/Morrum Mining" Project at Arajai No.- 166 (Khand No.-01), Village- Nagawan, Tehsil- Duddhi, District- Sonebhadra, U.P., (Leased Area-8.097 ha).
- 2- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/32564/2019
2. File No .allotted by SEIAA,UP	4702
3. Name of Proponent	M/s Aman Associates Shri Satish Kumar Upadhyay S/o Shri Ravindra Kumar Upadhyay
4. Full correspondence address of proponent and mobile no.	Bandhawa, Kanchwa, District- Mirzapur, U.P.
5. Name of Project	Sand/Morrum Mining Project
6. Project location (Plot/ Khasra /Gata No.)	Arajai No.- 166 (Khand No.- 01), Village- Nagawan, Tehsil- Duddhi, District- Sonbhadra, U.P.
7. Name of River	Kanhar
8. Name of Village	Nagawan
9. Tehsil	Duddhi
10. District	Sonebhadra
11. Name of Minor Mineral	Sand/Morrum
12. Sanctioned Lease Area (in Ha.)	8.097 ha.
13. Mineable Area (in Ha.)	6.3047 ha.
14. Zero level mRL	214.0 mRL

15.Max.& Min mrl within lease area	217.30 mRL- 216.0 mRL														
16.Pillar Coordinates(Verified by DMO)	24 ⁰ 10'36.07" N to 24 ⁰ 10'54.53" N 83 ⁰ 17'32.52" E to 83 ⁰ 17'46.19" E														
17.Total Geological Reserves	80,970 m ³														
18.Total Mineable Reserves	48,582 m ³														
19.Total Proposed Production (in five year)	2,42,910 m ³														
20.Proposed Production for 5 years	<table border="1"> <thead> <tr> <th>Year</th><th>Production</th></tr> </thead> <tbody> <tr> <td>1st</td><td>48,582 m³</td></tr> <tr> <td>2nd</td><td>48,582 m³</td></tr> <tr> <td>3rd</td><td>48,582 m³</td></tr> <tr> <td>4th</td><td>48,582 m³</td></tr> <tr> <td>5th</td><td>48,582 m³</td></tr> <tr> <td>Total</td><td>2,42,910 m³</td></tr> </tbody> </table>	Year	Production	1 st	48,582 m ³	2 nd	48,582 m ³	3 rd	48,582 m ³	4 th	48,582 m ³	5 th	48,582 m ³	Total	2,42,910 m ³
Year	Production														
1 st	48,582 m ³														
2 nd	48,582 m ³														
3 rd	48,582 m ³														
4 th	48,582 m ³														
5 th	48,582 m ³														
Total	2,42,910 m ³														
21.Sanctioned Period of Mine lease	5 Years														
22.Production of mine/day	216 m ³														
23.Method of Mining	Opencast Semi-Mechanized														
24.No.of working days	225 days														
25.Working hours/day	8 Hours/Day														
26.No.Of workers	30														
27.No.Of vehicle movement /day	18														
28.Type of Land	Govt. land Non- Agricultural														
29.Ultimate Depth of Mining	0.90 Meter														
30.Nearest metalled road from site	0.30 km														
31. Water Requirement	<table border="1"> <thead> <tr> <th>PURPOSE</th><th>REQUIREMENT (KLD)</th></tr> </thead> <tbody> <tr> <td>Drinking</td><td>0.30</td></tr> <tr> <td>Suppression of dust</td><td>3.60</td></tr> <tr> <td>Plantation</td><td>0.60</td></tr> <tr> <td>Others(if any)</td><td>-----</td></tr> <tr> <td>Total</td><td>04.50</td></tr> </tbody> </table>	PURPOSE	REQUIREMENT (KLD)	Drinking	0.30	Suppression of dust	3.60	Plantation	0.60	Others(if any)	-----	Total	04.50		
PURPOSE	REQUIREMENT (KLD)														
Drinking	0.30														
Suppression of dust	3.60														
Plantation	0.60														
Others(if any)	-----														
Total	04.50														
32. Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh (Servicing Environment and Development) QCI/NABET/EIA/1821/RA0120 Validity- May 01, 2021														
33. Any litigation pending against the project or land in any court	No														
34. Details of 500 m Cluster Map & certificate Verified by Mining Officer	DMO, Banda vide Letter No. 2861/Khanij/2019 Dated 05 th February, 2019														
35. Details of Lease Area in approved DSR	Table No.- 8b, S.No.- 15.														
36. Proposed CER cost	1.14 Lakh														
37. Proposed EMP cost	9.10 Lakh														
38. Length and breadth of Haul Road.	Length- 0.30 Km, Width- more than 6.0 m														
39. No. of Trees to be Planted	135														

- 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-05

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1 to these minutes.

6. Riverbed Sand Mining Project from Ganga River located at Gata No.-13 Mi, over an area of 5.3660 ha situated in Village – Manpur Ahatmali, Tehsil- Beeghpur, District- Unnao, U.P., U.P., Sanctioned Lease Area - 5.3660 Ha. File No. 4703/Proposal No. SIA/UP/MIN/32671/2019

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 from Ganga River at Gata No.-13 Mi, Village - ManpurAhatmali, Tehsil- Beeghpur, District- Unnao, U.P., U.P., (Sanctioned Lease Area - 5.3660 Ha).

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

1.	On Line Proposal No.	SIA/UP/MIN/ 32671/2019			
2.	File No. Allotted By SEIAA, UP	4703			
3.	Name Of Proponent	Shri Jai Chand Singh			
4.	Full Correspondence Address Of Proponent And Mobile Number	Village- Hanuman Colony, Sufipura, Dist.- Bahraich, Uttar Pradesh.			
5.	Name Of Project	Sand mining Project in Ganga River Bed in Gata- 13mi (Area 5.3660 Ha) in Manpur Ahatmali, Beeghapur, District Unnao.			
6.	Project Location (Plot/Khasra/Gata No.)	Gata- 13mi			
7.	Name Of River	Ganga			
8.	Name Of Village	Manpur Ahatmali			
9.	Tehsil	Beeghapur			
10.	District	Unnao			
11.	Name Of Minor Mineral	Sand			
12.	Sanctioned Lease Area In Ha	5.3660			
13.	Mineable Area In Ha	4.8294			
14.	Zero Level Mrl	102			
15.	Max. & Min MRL Within Lease Area	Max- 108 ; Min- 104 mrl			
16.	Pillar Coordinates (Verified By DMO)		A	26° 12.639'N	80° 36.947'E
			B	26° 12.526'N	80° 36.944'E
			C	26° 12.527'N	80° 36.851'E
			D	26° 12.585'N	80° 36.767'E
			E	26° 12.617'N	80° 36.745'E
			F	26° 12.613'N	80° 36.819'E
17.	Total Geological Reserve	348790.0 cubic meter			
18.	Total Mineable Reserve In LOI	79500.0 cubic meter			
19.	Total Proposed Production in 05 years	397500.0 cubic meter			
20.	Proposed Production/year	79500.0 cubic meter			
21.	Sanctioned Period Of Mine Lease	05 years			
22.	Production Of Mine/Day	294.0 cubic meter			
23.	Method Of Mining	Opencast Manual & Semi mechanized			
24.	No. Of Working Days	270			
25.	Working Hours/Day	08 hrs max Day Time			
26.	No. Of Workers	55			
27.	No. Of Vehicles Movement/Day	12 trucks twice a day			
28.	Type Of Land	Govt. /non forest			
29.	Ultimate Depth Of Mining	1.48			
30.	Nearest Metalled Road From Site	Kanpur Road – 6.7 Km, E			
31.	Water Requirement	PURPOSE	REQUIREMENT (KLD)		

		Drinking	0.75	
		Dust suppression	6.4	
		Plantation	1.3	
		Others ,if any	-	
		Total	8.45	
32.	Name Of The QCI Accredited Consultant With QCI No. And Period Of Validity	GEOGREEN ENVIRO HOUSE PVT LTD NABET/EIA/1720/IA0023 Valid till April'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 590 dated 28.03.2018		
35.	Details Of Lease Area In Approved DSR	Page No 13 S. No 11		
36.	Proposed CSR Cost	Rs. 3.13 lakhs		
37.	Propose EMP Cost	Rs. 8.56 lakhs		
38.	Length And Breadth Of Haul Road	310.0 m x 6.0 m		
39.	No. of trees to be planted	40		

- 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 in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1 to these minutes.

7. Sand/Morrum Mining project at Gata no. part of 1130 (Khand no. 01) Village Achraud, Tehsil-Banda Distt: Banda Lease area 28.0 ha. File No. 4704/Proposal No. SIA/UP/MIN/32745/2019

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

- 1- The environmental clearance is sought for Sand/Morrum Mining project at Gata no. part of 1130 (Khand no. 01) Village Achraud, Tehsil-Banda Distt: Banda (Lease area 28.0 ha.).
- 2- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/32745/2019
2. File No .allotted by SEIAA,UP	4704
3. Name of Proponent	M/s Tripathi Contactor Prop.- Shri Anand Kumar Tripathi S/o Shri Devi Prasad Tripathi
4. Full correspondence address of proponent and mobile no.	Allahabad Road, Shobha Singh ka Purwa, Karwi, Teh.- Karwi, District- Chitrakoot, U.P.
5. Name of Project	Sand/Morrum Mining Project
6. Project location (Plot/ Khasra /Gata No.)	Gata No.- Part of 1130 (Khand No.- 01)
7. Name of River	Ken
8. Name of Village	Achraud

9. Tehsil	Banda														
10. District	Banda														
11. Name of Minor Mineral	Sand/Morrum														
12. Sanctioned Lease Area (in Ha.)	28.0 ha.														
13. Mineable Area (in Ha.)	22.8517 ha.														
14. Zero level mRL	95.0 mRL														
15. Max. & Min mrl within lease area	102.50 mRL- 99.0 mRL														
16. Pillar Coordinates (Verified by DMO)	25°31'43.87"N to 25°32'30.10"N 80°16'36.14"E to 80°16'49.25"E														
17. Total Geological Reserves	9,52,000 m ³														
18. Total Mineable Reserves	5,74,890 m ³														
19. Total Proposed Production (in five year)	5,60,000 m ³														
20. Proposed Production for 5 years	<table border="1"> <thead> <tr> <th>Year</th><th>Production</th></tr> </thead> <tbody> <tr> <td>1st</td><td>5,60,000 m³</td></tr> <tr> <td>2nd</td><td>5,60,000 m³</td></tr> <tr> <td>3rd</td><td>5,60,000 m³</td></tr> <tr> <td>4th</td><td>5,60,000 m³</td></tr> <tr> <td>5th</td><td>5,60,000 m³</td></tr> <tr> <td>Total</td><td>28,00,000 m³</td></tr> </tbody> </table>	Year	Production	1 st	5,60,000 m ³	2 nd	5,60,000 m ³	3 rd	5,60,000 m ³	4 th	5,60,000 m ³	5 th	5,60,000 m ³	Total	28,00,000 m ³
Year	Production														
1 st	5,60,000 m ³														
2 nd	5,60,000 m ³														
3 rd	5,60,000 m ³														
4 th	5,60,000 m ³														
5 th	5,60,000 m ³														
Total	28,00,000 m ³														
21. Sanctioned Period of Mine lease	5 Years														
22. Production of mine/day	2489 m ³														
23. Method of Mining	Opencast Semi-Mechanized														
24. No. of working days	225 days														
25. Working hours/day	8 Hours/Day														
26. No. Of workers	57														
27. No. Of vehicle movement /day	208														
28. Type of Land	Govt. land Non- Agricultural														
29. Ultimate Depth of Mining	2.80 Meter														
30. Nearest metalled road from site	0.30 km														
31. Water Requirement	<table border="1"> <thead> <tr> <th>PURPOSE</th><th>REQUIREMENT (KLD)</th></tr> </thead> <tbody> <tr> <td>Drinking</td><td>0.57</td></tr> <tr> <td>Suppression of dust</td><td>2.40</td></tr> <tr> <td>Plantation</td><td>0.80</td></tr> <tr> <td>Others(if any)</td><td>-----</td></tr> <tr> <td>Total</td><td>3.77</td></tr> </tbody> </table>	PURPOSE	REQUIREMENT (KLD)	Drinking	0.57	Suppression of dust	2.40	Plantation	0.80	Others(if any)	-----	Total	3.77		
PURPOSE	REQUIREMENT (KLD)														
Drinking	0.57														
Suppression of dust	2.40														
Plantation	0.80														
Others(if any)	-----														
Total	3.77														
32. 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														
33. Any litigation pending against the project or land in any court	No														
34. Details of 500 m Cluster Map & certificate Verified by Mining Officer	DMO, Banda vide Letter No. 3783/Khanij-30, Banda Dated 13 th February, 2019														
35. Details of Lease Area in approved DSR	Page No.- 2, S.No.- 12.														
36. Proposed CER cost	3.0 Lakh														
37. Proposed EMP cost	9.80 Lakh														
38. Length and breadth of Haul Road.	Length- 0.20 Km, Width- more than 6.0 m														
39. No. of Trees to be Planted	200														

- 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-07

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1 to these minutes.

8. Sand/morrum mine of Gata no.871 and 581Ga near Village Pipardih and Koragi, Tehsil Dudhi, District Sonbhadra, U.P. area 32.338 ha. File No. 4705/Proposal No. SIA/UP/MIN/32795/2019

A presentation was made by the project proponent along with their consultant M/s Greencindia Consulting Private Limited. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Sand/morrum mine of Gata no.871 and 581Ga near Village Pipardih and Koragi, Tehsil Dudhi, District Sonbhadra, U.P. (Leased area 32.338 ha).
- 2- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/32795/2019		
2. File No. allotted by SEIAA, UP	4705		
3. Name of Proponent	Virendra Singh Jadon		
4. Full correspondence address of proponent and mobile no.	M/S R.S.I Stone World Pvt. Ltd E-7 M-708,Arera Colony, Bhopal, M.P.		
5. Name of Project	Pipar dih and Korgi (area 32.338 ha sand/morrum mine) on Kanhar river at Gata No.-871 and 518 ga		
6. Project location (Plot/Khasra/Gata No.)	Village- Pipar dih and Korgi, Tehsil – Dudhi, District – Sonbhadra ,Uttar Pradesh.		
7. Name of River	Kanhar River		
8. Name of Village	Pipar dih and Korgi		
9. Tehsil	Dudhi		
10. District	Sonbhadra		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in Ha.)	32.338 Hectares		
13. Mineable Area (in Ha.)	19.021 Ha.		
14. Zero level mRL	192 m		
15. Max. & Min mrl within lease area	201-195 m.		
16. Pillar Coordinates (Verified by DMO)	Total Lease Area Coordinates – 32.338 ha		
	A	24°14'10.98"N	83°16'13.53"E
	B	24°14'20.47"N	83°16'15.43"E
	C	24°14'35.62"N	83°16'16.52"E
	D	24°14'40.99"N	83°16'16.11"E
	E	24°14'46.66"N	83°16'12.08"E
	F	24°14'54.27"N	83°16'13.82"E
	G	24°14'47.71"N	83°16'22.45"E
	H	24°14'21.93"N	83°16'25.74"E
	I	24°14'9.51"N	83°16'22.03"E
	Workable Area- 19.021 Ha(Block-1)		
	H	24°14'21.93"N	83°16'25.74"E
	I	24°14'9.51"N	83°16'22.03"E
	J	24°14'10.68"N	83°16'15.96"E
	K	24°14'16.39"N	83°16'16.42"E
	L	24°14'24.40"N	83°16'20.43"E

	M	24°14'35.72"N	83°16'17.86"E	
	N	24°14'43.19"N	83°16'20.30"E	
	O	24°14'42.33"N	83°16'23.67"E	
	Block-2			
	N'	24°14'44.76"N	83°16'19.59"E	
	O'	24°14'44.33"N	83°16'23.38 "E	
	G	24°14'47.70"N	83°16'22.44"E	
	F	24°14'54.24"N	83°16'13.80"E	
	&			
	E'	24°14'49.97"N	83°16'12.80"E	
	E	24°14'46.68"N	83°16'12.06"E	
	D	24°14'40.98"N	83°16'16.08"E	
	Water Submerged Area(11.8556 Ha)			
	A	24°14'10.98"N	83°16'13.53"E	
	B	24°14'20.47"N	83°16'15.43"E	
	C	24°14'35.62"N	83°16'16.52"E	
	D	24°14'40.99"N	83°16'16.11"E	
	E	24°14'46.66"N	83°16'12.08"E	
	F	24°14'54.27"N	83°16'13.82"E	
	G	24°14'47.71"N	83°16'22.45"E	
	O	24°14'42.33"N	83°16'23.67"E	
	O'	24°14'44.33"N	83°16'23.38"E	
	N	24°14'43.19"N	83°16'20.30"E	
	M	24°14'35.72"N	83°16'17.86"E	
	L	24°14'24.40"N	83°16'20.43"E	
	K	24°14'16.39"N	83°16'16.42"E	
	J	24°14'10.68"N	83°16'15.96"E	
	17. Total Geological Reserves	5,70,630m ³		
	18. Total Mineable Reserves in LOI	2,58,704 m ³		
	19. Total Proposed Production	2,58,704 m ³		
20. Proposed Production/year	2,58,704 m ³ /Year			
21. Sanctioned Period of Mine lease	5 Years			
22. Production of mine/day	1035 m ³ /Day			
23. Method of Mining	Opencast Semi-mechanized mining			
24. No. of working days	250 days/ Year			
25. Working hours/day	12 Hours			
26. No. Of workers	80			
27. No. Of vehicles movement/day	115			
28. Type of Land	Govt. Land			
29. Ultimate Depth of Mining	1.75 m			
30. Nearest metalled road from site	250 m			
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)		
	Drinking	0.80		
	Suppression of dust	1.20		
	Plantation	13.93		
	Others (if any)	-		
	Total	15.93		
32. Name of QCI Accredited Consultant with QCI No and period of validity.	GreencIndia Consulting Pvt Ltd. NABET/EIA/1619/RA0058 valid till 27/10/2019			
33. Any litigation pending against the project or land in any court	No			
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	2860/ Khanij/2019, Sonbhadra, Dated: 5 th February, 2019.			
35. Details of Lease Area in approved DSR	32.338 Hectares S No. 16 and as per Suddhi patra dated 15/03/2019 .Letter no.			

	3080/Kanij/2019
36. Proposed CER Cost	2,15,878 INR
37. Proposed EMP Cost	12,11,640 INR
38. Length and breadth of Haul Road	Length 250 m, Width 6.0 m
39. No of Trees to be Planted	871 trees to be planted

- 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-08

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1 to these minutes.

9. Granite (khanda, Gitti & Boulder Mine' project at Gata no. 715, khand no. 9, Village-Gonda, Tehsil-Karwi, District-Chitrakoot, U.P. Lease area 2.02 ha. File No. 4707/Proposal No. SIA/UP/MIN/32964/2019

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

- 1- The environmental clearance is sought for Granite (khanda, Gitti & Boulder Mine' project at Gata no. 715, khand no. 9, Village-Gonda, Tehsil-Karwi, District-Chitrakoot, U.P. (Leased area 2.02 ha.).
- 2- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/32964/2019												
2. File No .allotted by SEIAA,UP	4707												
3. Name of Proponent	Shri Awadh Kumar Singh S/o Late Dukhi Singh												
4. Full correspondence address of proponent and mobile no.	R/o- Fatehpur Kamasin, Tehsil- Bikapur, District- Faizabad, U.P.												
5. Name of Project	Granite (Khanda, Gitti & Boulder) Mining Project												
6. Project location (Plot/ Khasra /Gata No.)	Gata No.-715 Khand No.- 9												
7. Name of Village	Gonda												
8. Tehsil	Karwi												
9.District	Chitrakoot												
10. Name of Minor Mineral	Granite (Khanda, Gitti & Boulder)												
11. Sanctioned Lease Area (in Ha.)	2.02 ha.												
12. Mineable Area (in Ha.)	2.02 ha.												
13.Zero level mRL	Not Applicable												
14.Max.& Min mrl within lease area	187.0 mRL- 158.0 mRL												
15.Pillar Coordinates(Verified by DMO)	25° 12' 13.07"N to 25° 12' 19.49"N 80° 45' 10.36" to 80° 44' 15.33"E												
16.Total Geological Reserves	8,22,100 m ³												
17.Total Mineable Reserves	4,75,239 m ³												
18.Total Proposed Production (in five year)	4,75,100 m ³												
19.Proposed Production for 5 years	<table border="1"> <thead> <tr> <th>Year</th><th>Production</th></tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>	Year	Production										
Year	Production												

	1 st	1,35,700 m ³	
	2 nd	1,35,700 m ³	
	3 rd	1,35,700 m ³	
	4 th	68,000 m ³	
	Total	4,75,100 m ³	
20.Sanctioned Period of Mine lease	10 Years		
21.Production of mine/day	452.33 m ³ (max.)		
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	32		
26.No.Of vehicle movement /day	38		
27.Type of Land	Govt. land Non- Agricultural		
28.Ultimate Depth of Mining	21.0 Meter		
29.Nearest metalled road from site	0.3 km		
30. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.32	
	Suppression of dust	3.60	
	Plantation	0.90	
	Others(if any)	-----	
	Total	4.82	
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, Chitrakoot vide Letter No. 376/Khanij/2018-19 Dated 13 th February, 2019		
34. Details of Lease Area in approved DSR	Page No.- 29, Table No.-17, S.No.- 1		
35. Proposed CER cost	1.65 Lakh		
36. Proposed EMP cost	10.52 Lakh		
37. Length and breadth of Haul Road.	Length- 0.3 Km, Width- more than 6.0 m		
38. No. of Trees to be Planted	220		

- 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-09

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-2 to these minutes.

10. Sand/Morrum mining project located at khand no. 31/3, Village Patyaura, Tehsil & Distt: Hamirpur, U.P. lease area 36.437 ha File No. 4711/Proposal No. SIA/UP/MIN/33093/2019

A presentation was made by the project proponent Shri Sharad Pratap Singh Yadav S/o Shri Shyam Sundar Singh Yadav. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Sand/Morrum mining project located at khand no. 31/3, Village Patyaura, Tehsil & Distt: Hamirpur, U.P. (leased area 36.437 ha).
- 2- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/33093/2019		
2. File No. allotted by SEIAA, UP	4711		
3. Name of Proponent	M/s Sharad Enterprises Authorized Signatory- Shri Sharad Pratap Singh Yadav		
4. Full correspondence address of proponent and mobile no.	M/s Sharad Enterprises Proprietor - Shri Sharad Pratap Singh Yadav S/o Shri Shyam sundar Singh Yadav R/o H.No. 240/4A, Civil Line, Kachhehri Chauraha, District - Jhansi, Uttar Pradesh		
5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No. 31/3,		
7. Name of River	Yamuna		
8. Name of Village	Patyaura		
9. Tehsil	Hamirpur		
10. District	Hamirpur		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	36.437 ha		
13. Mineable Area (in ha)	26.437 ha		
14. Zero level mRL	90 mRL		
15. Max. & Min mrl within lease area	100 mRL and 95 mRL		
16. Pillar Coordinates (Verified by DMO)	Sanctioned Area		
	Points	Latitude	Longitude
	A	25°55'19.69"N	80°16'52.13"E
	B	25°55'05.55"N	80°17'03.99"E
	C	25°54'54.50"N	80°16'43.90"E
	D	25°55'04.10"N	80°16'30.10"E
	Effective MLA/Working area		
	E	25°55'16.00"N	80°16'46.97"
	F	25°55'2.18"N	80°16'57.85"E
	C	25°54'54.50"N	80°16'43.90"E
	D	25°55'04.10"N	80°16'30.10"E
	Non Workable area		
	A	25°55'19.69"N	80°16'52.13"E
	B	25°55'05.55"N	80°17'03.99"E
	E	25°55'16.00"N	80°16'46.97"
	F	25°55'2.18"N	80°16'57.85"E
17. Total Geological Reserves	18,21,850 m ³		
18. Total Mineable Reserves in LOI	7,28,640 m ³ /year		
19. Total Proposed Production	7,28,640 m ³ /year (36.43,200 m ³ in 05 years)		
20. Proposed Production/year	7,28,640 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	2650 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 75 labours	
27. No. Of vehicles movement/day	177 units	
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 (Baghariya-Jahanabad)-1.5 km*(NE)	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	2.03
	Suppression of dust	16.68
	Plantation	0.09
	Others (Stored Water)	0.10
	Total	18.90 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 Hamirpur Letter No.763/khanij-MMC-30-VIVIDH (2018-19), Hamirpur dated 21/08/2018	
35. Details of Lease Area in approved DSR	Page No 61; Table No.20	
36. Proposed CER cost	2% of total project cost i.e. Rs.47,43,172/-	
37. Proposed EMP cost/ Total Project Cost	Rs 40,53,986/- & 23,71,58,605/-	
38. Length and Width of Haul Road	Unpaved Length 1.39 km and Paved Length 11.4 km and 6 m width	
39. No. of Trees to be Planted	182	

- 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-10

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1 to these minutes.

11. Proposed 'Granite (Gitti & Boulder) Mine project at Gata no. 2Ga, Village Jata Juwa, Tehsil Dudhi, Distt: Sonbhadra,U.P. Lease area 1.670 ha. File No. 4712/Proposal No. SIA/UP/MIN/33101/2019

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

- 1- The environmental clearance is sought for “Granite (Gitti& Boulder) Mine” project at Gata no. 2Ga, Village Jata Juwa, Tehsil Dudhi, Distt: Sonbhadra,U.P. (Leased area 1.670 ha.).

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

1. On-line proposal No.	SIA/UP/MIN/33101/2019														
2. File No .allotted by SEIAA,UP	4712														
3. Name of Proponent	M/s A.K.S. Industries Shri Ajay Kumar Singh S/o Shri Baijnath Singh														
4. Full correspondence address of proponent and mobile no.	514/15, Ambrosiya Apartment, Lanka, District- Varanasi, U.P.														
5. Name of Project	Granite (Khanda, Gitti & Boulder) Mining Project														
6. Project location (Plot/ Khasra /Gata No.)	Gata No.- 2Ga														
7. Name of Village	Jata Juwa														
8. Tehsil	Dudhi														
9.District	Sonbhadra														
10. Name of Minor Mineral	Granite (Khanda, Gitti & Boulder)														
11. Sanctioned Lease Area (in Ha.)	1.670 ha.														
12. Mineable Area (in Ha.)	1.670 ha.														
13.Zero level mRL	Not Applicable														
14.Max.& Min mrl within lease area	262.0 mRL- 256.0 mRL														
15.Pillar Coordinates(Verified by DMO)	24 ⁰ 12' 43.82"N to 24 ⁰ 12' 48.55"N 83 ⁰ 18' 32.01"E to 83 ⁰ 18' 40.64"E														
16.Total Geological Reserves	7,32,121 m ³														
17.Total Mineable Reserves	2,99,974 m ³														
18.Total Proposed Production (in five year)	83,500 m ³														
19.Proposed Production for 5 years	<table border="1"> <thead> <tr> <th>Year</th><th>Production</th></tr> </thead> <tbody> <tr> <td>1st</td><td>16,700 m³</td></tr> <tr> <td>2nd</td><td>16,700 m³</td></tr> <tr> <td>3rd</td><td>16,700 m³</td></tr> <tr> <td>4th</td><td>16,700 m³</td></tr> <tr> <td>5th</td><td>16,700 m³</td></tr> <tr> <td>Total</td><td>83,500 m³</td></tr> </tbody> </table>	Year	Production	1 st	16,700 m ³	2 nd	16,700 m ³	3 rd	16,700 m ³	4 th	16,700 m ³	5 th	16,700 m ³	Total	83,500 m ³
Year	Production														
1 st	16,700 m ³														
2 nd	16,700 m ³														
3 rd	16,700 m ³														
4 th	16,700 m ³														
5 th	16,700 m ³														
Total	83,500 m ³														
20.Sanctioned Period of Mine lease	20 Years														
21.Production of mine/day	55.67 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	40														
26.No.Of vehicle movement /day	5														
27.Type of Land	Govt. land Non- Agricultural														
28.Ultimate Depth of Mining	6.0 Meter														
29.Nearest metalled road from site	0.4 km														
30. Water Requirement	<table border="1"> <thead> <tr> <th>PURPOSE</th><th>REQUIREMENT (KLD)</th></tr> </thead> <tbody> <tr> <td>Drinking</td><td>0.40</td></tr> <tr> <td>Suppression of dust</td><td>4.80</td></tr> <tr> <td>Plantation</td><td>0.80</td></tr> <tr> <td>Others(if any)</td><td>-----</td></tr> <tr> <td>Total</td><td>6.0</td></tr> </tbody> </table>	PURPOSE	REQUIREMENT (KLD)	Drinking	0.40	Suppression of dust	4.80	Plantation	0.80	Others(if any)	-----	Total	6.0		
PURPOSE	REQUIREMENT (KLD)														
Drinking	0.40														
Suppression of dust	4.80														
Plantation	0.80														
Others(if any)	-----														
Total	6.0														
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, Sonbhadra vide Letter No. 2980/Khanij/2019 Dated 22 nd February, 2019														
34. Details of Lease Area in approved DSR	Page No.- 26, S.No.- 2														

35. Proposed CER cost	1.50 Lakh
36. Proposed EMP cost	11.60 Lakh
37. Length and breadth of Haul Road.	Length- 0.4 Km, Width- more than 6.0 m
38. No. of Trees to be Planted	191

- 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-11

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-2 to these minutes.

12. Riverbed sand mining project located at Gata no. 443, Vill: Mudi, Tehsil Dhaurhara, Distt: Kheri.U.P. L.area 6.470 ha. File No. 4716/Proposal No. SIA/UP/MIN/33321/2019

A presentation was made by the project proponent Shri Harish Chandra Gupta. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Riverbed sand mining project located at Gata no. 443, Vill: Mudi, Tehsil Dhaurhara, Distt: Kheri, U.P. (Leased area 6.470 ha.).
- 2- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/33321/2019		
2. File No. allotted by SEIAA, UP	4716		
3. Name of Proponent	Shri Harish Chandra Gupta Authorized Signatory- Shri Harish Chandra Gupta		
4. Full correspondence address of proponent and mobile no.	Shri Harish Chandra Gupta Proprietor - Shri Harish Chandra Gupta S/o Shri Sahaj Ram Gupta R/o H.No. 184 Da,Village - Hemariya, Tehsil - Mahasi, District - Bahraich, Uttar Pradesh		
5. Name of Project	Sand Mining		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 443,		
7. Name of River	Sharda		
8. Name of Village	Mudi		
9. Tehsil	Dhaurhara		
10. District	Kheri		
11. Name of Minor Mineral	Sand		
12. Sanctioned Lease Area (in ha)	6.87 ha		
13. Mineable Area (in ha)	6.47 ha		
14. Zero level mRL	132 mRL		
15. Max. & Min mrl within lease area	138 mRL and 136 mRL		
16. Pillar Coordinates (Verified by DMO)	Sanctioned Area		
	Points	Latitude	Longitude
	A	28° 3'27.60"N	80°58'22.19"E
	B	28° 3'30.83"N	80°58'29.15"E
	C	28° 3'20.74"N	80°58'33.62"E
	D	28° 3'18.16"N	80°58'26.08"E

	Effective MLA/Working area		
	A	28° 3'27.60"N	80°58'22.19"E
	B	28° 3'30.83"N	80°58'29.15"E
	C	28° 3'20.74"N	80°58'33.62"E
	F	28° 3'18.84"N	80°58'27.82"E
	E	28° 3'22.08"N	80°58'24.47"E
	Non Workable area		
	F	28° 3'18.84"N	80°58'27.82"E
	E	28° 3'22.08"N	80°58'24.47"E
	D	28° 3'18.16"N	80°58'26.08"E
17. Total Geological Reserves	3,43,500 m ³		
18. Total Mineable Reserves in LOI	1,23,660 m ³ /year		
19. Total Proposed Production	1,23,660 m ³ /year (6.18,300 m ³ in 05 years)		
20. Proposed Production/year	1,23,660 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	450m 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 60 labours		
27. No. Of vehicles movement/day	30 units		
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 (Baghariya-Jahanabad)-1.5 km*(NE)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	1.09	
	Suppression of dust	20.04	
	Plantation	0.017	
	Others (Stored Water)	0.10	
	Total	21.25 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 Lakhimpur Kheri Letter No.778/ Mudi/khan/2019, dated 05/03/2019		
35. Details of Lease Area in approved DSR			
36. Proposed CER cost	2% of total project cost i.e. Rs.20,17,473/-		
37. Proposed EMP cost/ Total Project Cost	Rs 41,82,895/- & 10,08,73,669/-		
38. Length and Width of Haul Road	Unpaved Length 1.67 km and Paved Length 3.84 km and 6 m width		
39. No. of Trees to be Planted	34		

- 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 in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1 to these minutes.

13. Proposed for “Granite (khanda, Gitti & Boulder) Mine” Project at Gata no. 715 khand no.-21, Village -Gonda, Tehsil Karwi, District- Chitrakoot, U.P. Lease area 2.02 ha. File No. 4719/Proposal No. SIA/UP/MIN/32986/2019

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

- 1- The environmental clearance is sought for “Granite (khanda, Gitti & Boulder) Mine” Project at Gata no. 715 khand no.-21, Village -Gonda, Tehsil Karwi, District- Chitrakoot, U.P. (Leased area 2.02 ha.).
- 2- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/32986/2019												
2. File No .allotted by SEIAA,UP	4719												
3. Name of Proponent	Shri Awadh Kumar Singh S/o Late Dukhi Singh												
4. Full correspondence address of proponent and mobile no.	R/o- Fatehpur Kamasin, Tehsil- Bikapur, District- Faizabad, U.P.												
5. Name of Project	Granite (Khanda, Gitti & Boulder) Mining Project												
6. Project location (Plot/ Khasra /Gata No.)	Gata No.-715 Khand No.- 21												
7. Name of Village	Gonda												
8. Tehsil	Karwi												
9.District	Chitrakoot												
10. Name of Minor Mineral	Granite (Khanda, Gitti & Boulder)												
11. Sanctioned Lease Area (in Ha.)	2.02 ha.												
12. Mineable Area (in Ha.)	2.02 ha.												
13.Zero level mRL	Not Applicable												
14.Max.& Min mrl within lease area	187.0 mRL- 160.0 mRL												
15.Pillar Coordinates(Verified by DMO)	25° 12' 06.44"N to 25° 12' 13.13"N 80° 45' 11.62"E to 80° 45' 16.83"E												
16.Total Geological Reserves	7,63,208 m ³												
17.Total Mineable Reserves	4,23,162 m ³												
18.Total Proposed Production (in five year)	4,22,700 m ³												
19.Proposed Production for 5 years	<table border="1"> <thead> <tr> <th>Year</th><th>Production</th></tr> </thead> <tbody> <tr> <td>1st</td><td>1,20,900 m³</td></tr> <tr> <td>2nd</td><td>1,20,900 m³</td></tr> <tr> <td>3rd</td><td>1,20,900 m³</td></tr> <tr> <td>4th</td><td>60,000 m³</td></tr> <tr> <td>Total</td><td>4,22,700 m³</td></tr> </tbody> </table>	Year	Production	1 st	1,20,900 m ³	2 nd	1,20,900 m ³	3 rd	1,20,900 m ³	4 th	60,000 m ³	Total	4,22,700 m ³
Year	Production												
1 st	1,20,900 m ³												
2 nd	1,20,900 m ³												
3 rd	1,20,900 m ³												
4 th	60,000 m ³												
Total	4,22,700 m ³												
20.Sanctioned Period of Mine lease	10 Years												
21.Production of mine/day	403 m ³ (max.)												
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	30												
26.No.Of vehicle movement /day	34												
27.Type of Land	Govt. land Non- Agricultural												
28.Ultimate Depth of Mining	21.0 Meter												
29.Nearest metalled road from site	0.2 km												
30. Water Requirement	<table border="1"> <thead> <tr> <th>PURPOSE</th><th>REQUIREMENT (KLD)</th></tr> </thead> <tbody> <tr> <td>Drinking</td><td>0.30</td></tr> <tr> <td>Suppression of dust</td><td>2.40</td></tr> <tr> <td>Plantation</td><td>0.90</td></tr> <tr> <td>Others(if any)</td><td>-----</td></tr> <tr> <td>Total</td><td>3.60</td></tr> </tbody> </table>	PURPOSE	REQUIREMENT (KLD)	Drinking	0.30	Suppression of dust	2.40	Plantation	0.90	Others(if any)	-----	Total	3.60
PURPOSE	REQUIREMENT (KLD)												
Drinking	0.30												
Suppression of dust	2.40												
Plantation	0.90												
Others(if any)	-----												
Total	3.60												

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, Chitrakoot vide Letter No. 377/Khanij/2018-19 Dated 13 th February, 2019
34. Details of Lease Area in approved DSR	Page No.- 29, Table No.-17, S.No.- 1
35. Proposed CER cost	1.32 Lakh
36. Proposed EMP cost	10.46 Lakh
37. Length and breadth of Haul Road.	Length- 0.2 Km, Width- more than 6.0 m
38. No. of Trees to be Planted	214

- 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 in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-2 to these minutes.

14. Project of Building Stone, (Sand Stone) Mine Project at Gata No./Araji No./Plot No.- 157, Area-1.616 ha, Village- Sonpur, Tehsil- Chunar, District- Mirzapur, U.P., M/s Vindhyaivasini Enterprises (Leased Area-1.616 ha) File No. 4720/Proposal No. SIA/UP/MIN/33622/2019

RESOLUTION AGAINST AGENDA NO-14

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

15. Project of riverbed KorraKanak Sand/Morrum Mining Project over an area of 40.48 ha (Plot no.381, 378, 383, 382, 384, 385, 386 Mi, 391,(Khand-2)) Near Village: Korra Kanak, Tehsil: Fatehpur, District:Fatehpur, State: Uttar Pradesh. File No. 4691/4379/Proposal No. SIA/UP/MIN/31813/2018

RESOLUTION AGAINST AGENDA NO-15

The committee discussed the matter and decided that a site visit shall be undertaken by Dr. Pramod Kumar Mishra, Member, SEAC, Shri Meraj Uddin, Member, SEAC and District Mining Officer, Fatehpur within 15 days and the site inspection report shall be submitted to SEAC. The matter shall be discussed after receipt of inspection report.

16. Riverbed Sand/Morrum Mining Project from Ken River at Gata No.- 100, Khand No.- 01(Block No.- 24) Area No- 16.0 Ha located at, Village- KhaptihaKalan, Tehsil- Pailani, District-Banda, Uttar Pradesh. Sanctioned Lease Area-16.0 Ha. File No. 4383/Proposal No. SIA/UP/MIN/28085/2018

RESOLUTION AGAINST AGENDA NO-16

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

17. Proposed Project of riverbed Sand/Morrum Mining on the riverbed of River Betwa at Khand No. 24/15, Area 36.437 Ha located at Village Chikasi, Tehsil Sarila & District Hamirpur U.P. File No. 4466/Proposal No. SIA/UP/MIN/28871/2018

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

- 1- The environmental clearance is sought for riverbed Sand/Morrum Mining on the riverbed of River Betwa at Khand No. 24/15, Village-Chikasi, Tehsil-Sarila, District-Hamirpur U.P., (Leased Area-36.437 Ha).
- 2- Terms of reference in the matter were issued through SEIAA, U.P. letter no. 576 / Parya / SEAC /4466/2018, dated 12/12/2019.
- 3- Public hearing was organized on 29/01/2019. Environment Impact Assessment Report (EIA) submitted by the project proponent on 14/03/2019.
- 4- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/28871/2018		
2. File No. allotted by SEIAA, UP	4466		
3. Name of Proponent	Shri Reetesh Gupta S/o Shri Mahesh Chand Gupta		
4. Full correspondence address of proponent and mobile no.	Flat No.-301, Achaleshwar Mandir ke samne, Achaleshwar Tower, Sanatan dharm Mandir Road, Lashkar, Gird, Gwalior M/s Hardik Distributors Pvt. Ltd. Goidani Apartment, First Floor, Maina Wali Gali, Lashkar Gwalior, (M.P.)		
5. Name of Project	Sand/Morrum Mining Project		
6. Project location (Plot/Khasra/Gata No. / khand No.)	Khand No. – 24/15		
7. Name of River	River Betwa		
8. Name of Village	Chikasi		
9. Tehsil	Sarila		
10. District	Hamirpur (U.P)		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in Ha.)	36.437 Ha.		
13. Mineable Area (in Ha.)	36.437 Ha.		
14. Zero level mRL	110.0 mRL		
15. Max. & Min mrl within lease area	Maximum mRL 116.10 mRL Minimum mrl 111.90 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillar	Latitude	Longitude
	A	25° 49.938'N	79° 28.369'E
	B	25° 49.691'N	79° 28.163'E
	C	25° 49.847'N	79° 27.900'E
	D	25° 50.144'N	79° 28.144'E
17. Total Geological Reserves	1228292 m ³		
18. Total Mineable Reserves in LOI	728640 m ³ per year in LOI		

19. Total Proposed Production (in five year)	3643200 m ³	
20. Proposed Production/year	728640 m ³ per year	
21. Sanctioned Period of Mine lease	5 Year	
22. Production of mine/day	2915 m ³ /day	
23. Method of Mining	Open cast semi mechanized	
24. No. of working days	250	
25. Working hours/day	8 hours/day	
26. No. Of workers	65	
27. No. Of vehicles movement/day	50 - 60 Vehicles movement/day	
28. Type of Land	Sand/ Morrum	
29. Ultimate Depth of Mining	3.0 m	
30. Nearest metallad road from site	SH-21 at 2.8 km towards South direction	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.75 KLD
	Suppression of dust	7.20 KLD
	Plantation	1.32 KLD
	Others (if any)	-
	Total	9.27 KLD
32. Name of QCI Accredited Consultant with QCI No And period of validity.	Environmental Research and Analysis, Lucknow(U.P) Certificate No. NABET/EIA/1619/IA0019 and valid up to December 29,2019	
33. Any litigation pending against the project or land in any court	NO	
34. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 952 / [kft & ,eE ,eE lh & rhl & fofo/k ¼2018&19½ dated. 27-10-2018	
35. Details of Lease Area in approved DSR	Page No. 64 ,Table No.20	
36. Proposed CER cost	2925000 (2% of the total Project cost)	
37. Proposed EMP cost/ Total Project cost	Rs. 4835900 (Estimated) / Rs. 14,64,56,640	
38. Length and breadth of Haul Road	500 m length and 6 m width	
39. No. of Trees to be Planted	220	

- 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-17

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 & 2 to these minutes regarding mining project. The committee also stipulated following specific conditions:

- 1- No mining activity should be carried out in-stream channel as per SSMMG, 2016.
- 2- Pakka motorable haul road to be maintained by the project proponent.
- 3- 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.
- 4- Permission from the competent authority regarding evacuation route should be taken.

- 5- Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
- 6- Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
- 7- 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.
- 8- Provision for cylinder to workers should be made for cooking.
- 9- The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
- 10- Provide suitable mask to the workers.
- 11- Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
- 12- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
- 13- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
- 14- Provision for two toilets and hand pumps should be made at mining site.
- 15- Drinking water for workers would be provided by tankers.
- 16- 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.
- 17- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 18- Corporate Environmental Responsibility (CER) plan with minimum Rs. 29,25,000/- 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, Hamirpur, U.P.
- 19- 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.
- 20- 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.
- 21- 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.
- 22- Width of the haul road shall be more than 6 meter.
- 23- 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.

18. Proposed Riverbed Sand/ Morrum Mining Project from Betwa River of M/s Shrikant Gupta located at Khand No. 24/13 , Village - Chikasi, Tehsil - Sarila, District - Hamirpur, Uttar Pradesh. Sanctioned Lease Area - 36.437 ha. File No. 4713/4464/Proposal No. SIA/UP/MIN/28857/2018

RESOLUTION AGAINST AGENDA NO-18

The committee noted that the validity period of EIA coordinator (Mr. B.M.S. Negi) has already expired. Hence, he was not allowed to present the case and the matter was deferred to next meeting.

19. Proposed Mining of Sand (Minor Mineral) at Gata No.- 839, 841 to 856, 858, 859, 860, 861, 863, 864, 865, 866, 867, 871, 872, 888, 889, 406, 407, in Village- Dhikka Kalan, Tehsil- Nakur, District- Saharanpur, U.P., M/s Balaji Trading Company, (Leased Area- 52.63 ha). File No. 4717/4452/Proposal No. SIA/UP/MIN/33293/2018

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

- 1- The environmental clearance is sought for Sand mining at Gata No.- 839, 841 to 856, 858, 859, 860, 861, 863, 864, 865, 866, 867, 871, 872, 888, 889, 406, 407, in Village- Dhikka Kalan, Tehsil- Nakur, District- Saharanpur, U.P., (Leased Area- 52.63 ha), M/s Balaji Trading Company.
- 2- Terms of reference in the matter were issued through SEIAA, U.P. letter no. 437/Parya/SEAC/4452/2018, dated 13/11/2018.
- 3- Public hearing was organized on 07/01/2019. Environment Impact Assessment Report (EIA) submitted by the project proponent on 19/03/2019.
- 4- Salient features of the project as submitted by the project proponent:

S.No	Salient features	Description																											
1	On-line proposal No.	SIA/UP/MIN /28714/2018																											
2	File No. allotted by SEIAA, UP	4452																											
3	Name of Proponent	M/s Balaji Trading Company																											
4	Full correspondence address of proponent and mobile no.	M/s Balaji Trading Company, Sh. Vishambhar Dayal Goyal, Managing Director, Koshi Road, Kama, District Bharatpur, Rajasthan, Jain.896Kanu@gmail.com, 9219150000																											
5	Name of Project	Proposed Sand (Minor Mineral) Mining project over an area of 52.63 ha at Village Dhikka Kalan, Tehsil- Nakur, District Saharanpur (U.P.) with Production Capacity of 17,05,262 TPA (9,47,368 m ³).																											
6	Project location (Plot/Khasra/Gata No.)	Gata No. 839, 841 to 856, 858, 859, 860, 861, 863, 864, 865, 866, 867, 871, 872, 888, 889, 406, 407.																											
7	Name of River	Yamuna river																											
8	Name of Village	Dhikka Kalan																											
9	Tehsil	Nakur																											
10	District	Saharanpur																											
11	Name of Minor Mineral	Sand																											
12	Sanctioned Lease Area (in Ha.)	52.63 Ha																											
13	Mineable Area (in Ha.)	49.298 Ha																											
14	Zero level mRL	252.2 mRL																											
15	Max. & Min mrl within lease area	252.2mRL to 249.2 mRL																											
16	Pillar Coordinates (Verified by DMO)	<table> <tr> <th>Boundary Pillar</th><th>Latitude</th><th>Longitude</th></tr> <tr> <td>1</td><td>30° 1' 29.9" N</td><td>77° 17' 27.8" E</td></tr> <tr> <td>2</td><td>30° 1' 40.5" N</td><td>77° 17' 28.1" E</td></tr> <tr> <td>3</td><td>30° 1' 44.5" N</td><td>77° 17' 29.8" E</td></tr> <tr> <td>4</td><td>30° 1' 49.9" N</td><td>77° 17' 33.1" E</td></tr> <tr> <td>5</td><td>30° 1' 48.5" N</td><td>77° 17' 39.6" E</td></tr> <tr> <td>6</td><td>30° 1' 59.3" N</td><td>77° 17' 48.8" E</td></tr> <tr> <td>7</td><td>30° 2' 00.1" N</td><td>77° 17' 49.9" E</td></tr> <tr> <td>8</td><td>30° 1' 59.8" N</td><td>77° 17' 54.8" E</td></tr> </table>	Boundary Pillar	Latitude	Longitude	1	30° 1' 29.9" N	77° 17' 27.8" E	2	30° 1' 40.5" N	77° 17' 28.1" E	3	30° 1' 44.5" N	77° 17' 29.8" E	4	30° 1' 49.9" N	77° 17' 33.1" E	5	30° 1' 48.5" N	77° 17' 39.6" E	6	30° 1' 59.3" N	77° 17' 48.8" E	7	30° 2' 00.1" N	77° 17' 49.9" E	8	30° 1' 59.8" N	77° 17' 54.8" E
Boundary Pillar	Latitude	Longitude																											
1	30° 1' 29.9" N	77° 17' 27.8" E																											
2	30° 1' 40.5" N	77° 17' 28.1" E																											
3	30° 1' 44.5" N	77° 17' 29.8" E																											
4	30° 1' 49.9" N	77° 17' 33.1" E																											
5	30° 1' 48.5" N	77° 17' 39.6" E																											
6	30° 1' 59.3" N	77° 17' 48.8" E																											
7	30° 2' 00.1" N	77° 17' 49.9" E																											
8	30° 1' 59.8" N	77° 17' 54.8" E																											

		9	30° 2' 01.2" N	77° 18' 00.3" E	
		10	30° 2' 03.4" N	77° 18' 01.4" E	
		11	30° 2' 07.6" N	77° 18' 10.7" E	
		12	30° 2' 10.0" N	77° 18' 14.0" E	
		13	30° 2' 06.7" N	77° 18' 17.2" E	
		14	30° 2' 04.4" N	77° 18' 16.3" E	
		15	30° 2' 05.6" N	77° 18' 14.7" E	
		16	30° 2' 04.2" N	77° 18' 13.6" E	
		17	30° 2' 03.7" N	77° 18' 11.1" E	
		18	30° 1' 59.9" N	77° 18' 10.4" E	
		19	30° 1' 54.3" N	77° 18' 03.3" E	
		20	30° 1' 52.9" N	77° 18' 01.0" E	
		21	30° 1' 48.8" N	77° 17' 55.6" E	
		22	30° 1' 45.4" N	77° 17' 52.2" E	
		23	30° 1' 39.2" N	77° 17' 47.4" E	
		24	30° 1' 34.4" N	77° 17' 38.9" E	
		25	30° 1' 30.2" N	77° 17' 37.3" E	
26	30° 1' 25.3" N	77° 17' 36.2" E			
17	Total Geological Reserves	Geological reserves= 28,42,020 MT (15,78,900 m ³)			
18	Total Mineable Reserves in LOI	Mineable reserves = 26,62,092 MT (14,78,940 m ³)			
19	Total Proposed Production (in five year)	8526310 MT or 4736840m ³			
20	Proposed Production/year	17,05,262 TPA or 947368m ³			
21	Sanctioned Period of Mine lease	5 year			
22	Production of mine/day	5684 MTPD or 3158 m ³ per day			
23	Method of Mining	Open cast semi mechanized			
24	No. of working days	300			
25	Working hours/day	8			
26	No. Of workers	93			
27	No. Of vehicles movement/day	264			
28	Type of Land	River bed			
29	Ultimate Depth of Mining	3m			
30	Nearest metalled road from site	1 Km			
31	Water Requirement	PURPOSE	REQUIREMENT (KLD)		
		Drinking	5		
		Suppression of dust	96		
		Plantation	26		
		Others (if any)	0		
		Total	127		
32	Name of QCI Accredited Consultant with QCI No and period of validity.	Vardan Environet, QCI No -154, on list of ACO, Rev. 69, September 05, 2018, Validity period:- 09/11/19			
33	Any litigation pending against the project or land in any court	None			
34	Details of 500 m Cluster Map & certificate	Project proponent will submit at the time of presentation			

	issued by Mining Officer	
35	Details of Lease Area in approved DSR	Project proponent will submit at the time of presentation
36	Proposed CSR cost	14 lakh
37	Proposed EMP cost	Rs. 110.30 lakh
38	Length and breadth of Haul Road	Length= 2 Km , Width=6m
39	No. of Trees to be Planted	The plantation will be done as per norm of 33% of the total area i.e., 26000 sapling for 5 yrs

- 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-19

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 & 2 to these minutes regarding mining project. The committee also stipulated following specific conditions:

- 1- No mining activity should be carried out in-stream channel as per SSMMG, 2016.
- 2- Pakka motorable haul road to be maintained by the project proponent.
- 3- 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.
- 4- Permission from the competent authority regarding evacuation route should be taken.
- 5- Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
- 6- Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
- 7- 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.
- 8- Provision for cylinder to workers should be made for cooking.
- 9- The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
- 10- Provide suitable mask to the workers.
- 11- Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
- 12- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
- 13- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
- 14- Provision for two toilets and hand pumps should be made at mining site.
- 15- Drinking water for workers would be provided by tankers.
- 16- 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.
- 17- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.

- 18- Corporate Environmental Responsibility (CER) plan with minimum Rs. 14.0 Lakh/annum 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, Saharanpur, U.P.
- 19- 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.
- 20- 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.
- 21- 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.
- 22- Width of the haul road shall be more than 6 meter.
- 23- 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.

20. Proposed Riverbed Sand/Morrum Mining Project from Ken River of M/s Nav Arushi Traders Pvt. Ltd. located at Gata No.- Part No.- 356 (Khad No.- 01), Village-Khaptiha, Tehsil- Pailani, District- Banda, U.P., Lease Area: 16.0 ha. File No. 4566/Proposal No. SIA/UP/MIN/29801/2018

RESOLUTION AGAINST AGENDA NO-20

The committee noted that the validity period of EIA coordinator (Mr. B.M.S. Negi) has already expired. Hence, he was not allowed to present the case and the matter was deferred to next meeting.

21. Proposed Riverbed Sand/Morrum Mining Project from Betwa River of M/s Unnao Infradevelopers Pvt. Ltd. Located at Khand No. 10/3, Village - Beri, Tehsil - Hamirpur, district - Hamirpur, Uttar Pradesh Sanctioned Lease Area - 36.437 ha, Effective working Area 29.297 ha. File No. 4465/Proposal No. SIA/UP/MIN/28870/2018

RESOLUTION AGAINST AGENDA NO-21

The committee noted that the validity period of EIA coordinator (Mr. B.M.S. Negi) has already expired. Hence, he was not allowed to present the case and the matter was deferred to next meeting.

22. Proposed Riverbed Sand/Morrum Mining Project from Yamuna River of M/s Shri Pramod Kumar Rai located at Gata No.- 30/1, 30/2, Village- Chakbasantpur, Tehsil- Gautam Buddh Nagar, District- Gautam Buddh Nagar Uttar Pradesh. Sanctioned Lease Area-39.138 Ha. File No. 4393/Proposal No. SIA/UP/MIN/28165/2018

RESOLUTION AGAINST AGENDA NO-22

The committee noted that the validity period of EIA coordinator (Mr. B.M.S. Negi) has already expired. Hence, he was not allowed to present the case and the matter was deferred to next meeting.

23. Discussion on site inspection/spot verification report of Proposed Office Building "Shalimar Iridium" at TC/G-1/1, VibhutiKhand, Gomti Nagar, Lucknow, U.P. File No. 4485/Proposal No. SIA/UP/NCP/ 79143/2018

The committee noted that the matter was earlier discussed in 386th SEAC meeting dated 06/02/2019 and directed is as follows:

“A presentation was made by the project proponent along with their consultant M/s ENV DAS India Pvt. Ltd. The committee discussed the matter and decided that a site visit shall be undertaken by Sri Virendra Mishra, Member, SEAC, Shri R.C. Katariya, Member, SEAC, Sri Arvind Mathur, Member, SEAC and Shri Meraj Uddin, Member, SEAC within 15 days. At the time of inspection the committee will also examine following documents: (i) Structural stability certificate (ii) Status of CGWA permission (iii) any other document which committee may deems fit. The matter shall be discussed after receipt of inspection report.”

A site visit was undertaken by Dr. Virendra Mishra, Member, SEAC, Dr. R.C. Katariya, Member, SEAC, Dr. Arvind Mathur, Member, SEAC and Shri Meraj Uddin, Member, SEAC on 08/03/2019. Representatives of Consultant Smt. Ispita, M/s ENV Das Pvt. Ltd. and Representatives of Project Proponent Shri K.C. Joshi, AGM-BD were present at the site during visit. The inspection committee made the following observations:

- 1- The project proponent has applied online application dated 17/09/2018 to the SEIAA, under the category 8(a) for Environmental Clearance of Group Housing project Office Building “Shalimar Iridium” at TC/G-1/1, Vibhuti Khand, Gomti Nagar, Lucknow, U.P. for plot area 5439.0 sqm and built up area 20455.10sqm.
- 2- The plot area shown to the committee by the representative of the project proponent Shri K.C. Joshi, AGM-BD and Smt. Ispita, representative of M/s ENV DAS Pvt. Ltd. is a vacant plot having no construction.
- 3- The boundary of the plot was made by temporary profile sheets.
- 4- A civil structure of the STP was also observed in the plot area towards left hand side of the entrance of the plot.

The inspection report was put up by the Secretariat in SEAC meeting dated 05/04/2019. The SEAC, based committee on discussion of the inspection report and presentation made by the project proponent on 06/02/2019, recommended grant of environmental clearance for the project proposal given at Para-A along with general conditions as earlier prescribed by authority for construction project and specific conditions given at Para-B:

Para – A (Project Details) :

- 1- The environmental clearance is sought for Proposed Office Building "Shalimar Iridium" at TC/G-1/1, VibhutiKhand, Gomti Nagar, Lucknow, U.P.
- 2- Area details of the project:

Sr. No.	Description	Area(m ²)	Percentage
1.	Plot Area	5439.0	
2.	Achieved Ground Coverage	1773.33	32.60%
3.	Permissible FAR	10878	@2.0
4.	Purchased FAR	3296.82	@0.61
5.	Total achievable FAR	14174.82	@2.61
6.	Proposed FAR	14174.82	@2.61

7.	Total Open Area(Plot Area- Ground Coverage)	3665.67	67.39%
8.	Basement (Upper + Lower)	6280.28	
	Total Non-Far Area	6280.28	
9.	Built up Area	20455.10	
10.	Area of road and internal circulation Other Services/(Paved Area)/ boundary area	3154.67	58.00%
11.	Green area achieved	551.00	10.13%

3- Salient features of the project:

Particulars	Proposed
Area Utilization	1 tower (2 B + G +9 floors)
Height of Building	35 m (G+9)
Estimated Employee Population (@ 1 person per 10 m ²)	1420 persons / day
Parking Required (1 ECS/ 50 m ² of permissible FAR)	284 ECS
Provided no. of parking	150
Upper Basement (mechanized)	192
Lower Basement (mechanized)	44
Open	386 ECS
Total Parking Provided	
Power requirement& source	2000 KW Source: U.P Power Corporation Ltd. (UPPCL)
Power backup (DG Sets)	2 x 250 KVA
Number of trees required(1 tree @80m ² of open area)	46
Number of trees proposed	60
Water requirement	Fresh water- 44 KLD (Municipal Supply) Flushing- 24 KLD
Sewage Generation	Amount of waste water generated : 61 KLD STP Capacity: 80 KLD (20% higher capacity) Technology: MBBR
Solid waste	Domestic waste : 378 kg/day Horticultural waste : 2 kg/day E- waste : <1 kg/day STP Sludge: 3 kg/day

4- Land use details:

Land use Type	Area (in m ²)	Percentage
Ground Coverage	1773.33	32
Green Area (Reserved green)	551.0	10
Road+ Fire Tender Path	3114.67	58

5- Water calculation details:

Particulars	Population	Rate of Fresh water LPCD	Fresh water required in (KLD)	Rate of Flushing water LPCD	Flushing/Recycled water (KLD)	Total water (KLD)
Population	1420	30	43	15	22	65
Visitors (10%)	150	5	1	10	2	3
			44		24	68
Horticulture (@ 5litre /Sqm) 551.0 m ²					3	3
Total Water Requirement			44		27	71

6- Waste water calculation details:

Fresh Water	44 KLD
Flushing (Recycled water)	24 KLD
Horticulture / Landscape	3 KLD
Total Water Requirement	71 KLD
Source of water – Municipal Supply	
STP capacity : 80KLD	
Process of STP: MBBR Technology	

7- Solid waste generation details:

Sr. No.	Particulars	Population	Waste generated in kg/day
1.	Employee/Staff (@0.25 kg/day)	1420	355
2.	Visitors (@0.15kg/day)	150	22.5
Total Solid waste generated			Approx. 378 kg/day
Horticulture Waste (@ .0037/m ² /day)			2Kg/Day
E-Waste (0.15 kg/C/year)			< 1 Kg/Day
STP sludge (dry weight)			3 kg/day

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

Para – B (Specific Conditions) :

1. Solar energy to be used alternatives on the road and common places for illumination to save conventional energy as per ECBC Code.
2. 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.
3. 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.
4. 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.
5. Permission from local authority should be taken regarding discharge of excess water into the sewer line.
6. 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.
7. "Consent for Establishment" shall be obtained from UP Pollution Control Board.
8. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
9. Project proponent shall ensure completion of STP, MSW disposal facility, green area development prior to occupation of the buildings.
10. Municipal solid waste shall be disposed/managed as per Municipal Solid Waste (Management and Handling) Rules, 2016.
11. 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.
12. 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.
13. 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.
14. 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.

15. No parking shall be allowed outside the project boundary.
16. 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.

24. Discussion on Shri S.N. Dubey, M/s Radhika Crusher Mines & Stone letter dated 01/04/2019 (River Bed Sand/Morrum Mining at Bank of Betwa River at Khand No.- 23/23, Village-Bhedi Kharka, Tehsil- Sarila, District- Hamirpur, U.P., over an area 12.145 ha (Total cluster area - 121.454 Ha). File No. 4396/ Proposal No.SIA/UP/MIN/28243/2018)

The Secretariat informed the committee that the environmental clearance for the above project was issued by SEIAA, U.P. vide letter no. 680/Parya/SEAC/4396/2018 dated 08/02/2019 for the leased area 12.145 ha and production capacity of 194304 m³/year (349742.2 TPA). The project proponent submitted a letter dated 01/04/2019 through which they have informed that approximately 60% of the total mining lease area is in-stream of the river and as per SSMMG rules, 2016, the in-stream mining was prohibited. The project proponent requested to form a subcommittee for spot verification/inspection of the project site.

The committee discussed the letter dated 01/04/2019 submitted by the project proponent and decided that a site visit/spot verification shall be undertaken by Shri Meraj Uddin, Member, SEAC and District Mining Officer, Hamirpur within 15 days and the site inspection report shall be submitted to SEAC. The matter shall be discussed after receipt of inspection report.

(Dr. Sarita Sinha)
Member

(Dr. Arvind Mathur)
Member

(Dr. Virendra Misra)
Member

(Dr. Pramod Kumar Mishra)
Member

(Dr. Richhpal Singh Sangu)
Member

(Dr. Ajoy Kumar Mandal)
Member

(Shri Meraj Uddin)
Member

(Shri Rajive Kumar)
Member

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

Terms of Reference for Sand/Moram Mining Project

1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
2. Certificate from Mining Officer that there is no other mining area exit within 500 m periphery.
3. CER cost to be calculated for individual lease.
4. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
5. All pages of technical documents/EIA/EMP etc. should be signed by the consultant and project proponent both.
6. 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.
7. MOU signed between the project proponent and the consultant should be submitted.
8. The lab conducting the analysis should be authenticated and registered.
9. Public hearing to be conducted as per EIA Notification, 2006.
10. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
11. Approved mining plans for all the mining projects.
12. 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.
13. 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.
14. 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.
15. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
16. 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.
17. 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.
18. Impact of change of land use should be given.
19. 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.
20. 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.

21. 02 km kachcha haul road to be made motorable. Plan should be submitted.
22. 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.
23. 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.
24. 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.
25. 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.
26. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
27. Details of water conservation measures proposed to be adopted in the project should be given.
28. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
29. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. 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.
30. 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.
31. Details of rainwater harvesting proposed, if any, in the project should be provided.
32. 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.
33. 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).
34. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
35. 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.
36. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
37. 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.
38. 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.
39. 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.

40. 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.
41. 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.
42. 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.
43. 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.
44. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
45. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
46. 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.
47. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
48. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
49. 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.
50. 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.
51. 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.
52. Consultant should bring raw data at the time of presentation.
53. In surface water quality aquatic study of phytoplankton and zooplankton.
54. The baseline data should be signed by NABL/MoEF&CC accredited analyst.
55. The meteorological data should be site specific.

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

1. A certificate that there is no other mining area within 500 m other than the areas mentioned in the application as above.
2. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
3. Approved mining plans for all the mining projects.
4. 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.
5. 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.
6. 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.
7. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
8. 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.
9. 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.
10. Impact of change of land use should be given.
11. 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.
12. 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.
13. 02 KM kachcha haul road to be made motorable. Submit Plan.
14. 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.
15. 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.

16. 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.
17. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
18. Details of water conservation measures proposed to be adopted in the project should be given.
19. 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.
20. 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.
21. 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.
22. Details of rainwater harvesting proposed, if any, in the project should be provided.
23. 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.
24. 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).
25. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
26. 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.
27. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
28. 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.
29. 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.
30. 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.
31. 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.
32. 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.

33. 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.
34. 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.
35. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
36. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
37. 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.
38. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
39. 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.
40. 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.
41. 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.
42. 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 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.