

### **Minutes of 422<sup>nd</sup> SEAC Meeting Dated 26/09/2019**

The 422<sup>nd</sup> meeting of SEAC was held in Directorate of Environment, U.P. on 26/09/2019 following members were present in the SEAC:

- |    |                           |          |
|----|---------------------------|----------|
| 1. | Dr. (Prof.) S.N. Singh,   | Chairman |
| 2. | Dr. Arvind Mathur,        | Member   |
| 3. | Dr. Virendra Misra,       | Member   |
| 4. | Dr. Pramod Kumar Mishra,  | Member   |
| 5. | Dr. Richhpal Singh Sangu, | Member   |
| 6. | Dr. Ranjeet Kumar Dalela, | Member   |
| 7. | Dr. Ajoy Kumar Mandal,    | Member   |
| 8. | Shri Meraj Uddin,         | Member   |

The Chairman welcomed the members to the 422<sup>nd</sup> SEAC meeting.

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

#### **1. Sand stone Mining at Araj No.-37, Village-Dakahi, Tehsil-Chunar, Mirzapur., M/s Shiv Stone works., Area-1.21 ha. File No. 4861/Proposal No. SIA/UP/MIN/37550/2019**

The committee noted that the matter was earlier discussed in 411<sup>th</sup> SEAC meeting dated 12/07/2019 and the project proponent requested to defer the matter in upcoming SEAC meeting due to incomplete documents before SEAC. The committee discussed matter and directed to defer the matter as per the request made by the project proponent. The project proponent through letter dated 26/08/2019 has requested to list the matter in next SEAC meeting. Hence, the matter was listed in 422<sup>nd</sup> SEAC meeting dated 26/09/2019.

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 Sand stone Mining at Araj No.-37, Village-Dakahi, Tehsil-Chunar, Mirzapur, Leased Area-1.21 ha., M/s Shiv Stone works.
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/37550/2019
2. File No. allotted by SEIAA, UP	4861
3. Name of Proponent	Sri Surendra Kumar Singh (M/s Siv Stone Works
4. Full correspondence address of proponent and mobile no.	Add- R/o Vill-Dakahi, Thana Ahraura Tehsil-Chunar Distt-Mirzapur U.P.
5. Name of Project	Area 3.0 Acres (1.21 Ha) Sandstone(Building Stone) mining project at Araj No'37 Village-Dakahi, Tehsil-Chunar, District-Mirzapur, U.P.
6. Project Location(Plot.Khasra/Gata No.)	Khand No/Gata No-37
7. Name of River	NA
8. Name of Village	Dakahi
9. Tehsil	Chunar
10. District	Mirzapur
11. Name of Minor Mineral	Sand Stone
12. Sanctioned Lease Area (in Ha.)	1.21 Ha
13. Zero level mRL	N/A

14. Max. & Min mRL within lease area	115.0 mRL to 100.0 mRL		
15. Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude
	A	25°2'16.50"N	83°3'34.47"E
	B	25°2'17.70"N	83°3'36.73"E
	C	25°2'14.57"N	83°3'38.69"E
	D	25°2'13.37"N	83°3'35.46"E
16. Total Geological Reserves	152928m <sup>3</sup> /Annum		
17. Total Mineable Reserve in LOI	12100m <sup>3</sup> /Annum		
18. Total Proposed Production	12100m <sup>3</sup> /Annum		
19. Proposed Production /year	12100m <sup>3</sup> /Annum		
20. Proposed Production in 20 Years	12100*20=2,42,000		
21. Sanctioned Period of Mine lease	20 Years		
22. Production of mine/day	40m <sup>3</sup> /Day		
23. Method of Mining	Open cast Mechanized Mining		
24. No. of working days	300 Days		
25. Working hours/day	8 Hours		
26. No. of worker	24 Worker		
27. No. of vehicles movement/day	4 Trucks / Day (Depending on market demand)		
28. Type of Land	Govt. Land		
29. Ultimate of Depth of Mining	6 m		
30. Nearest metalled road from site	0.70 Km		
31. Water Requirement	PURPOSE		REQUIREMENT (KLD)
	Drinking		0.24 KLD
	Suppression of dust		6.0 KLD
	Plantation		0.16 KLD
	Others (if any)		
	Total		6.40 KLD (Approx 7.0 KLD)
32. Name of QCI Accredited Consultant with QCI No and period of validity.	Ind Tech House Consult QCI No.84 Period of Validity- 31.01.2021		
33. Any litigation pending against the project or land in any court	No		
34. Details of 500 m Cluster Certificate verified by Mining Officer	Letter No-475 Dated-04/06/2019		
35. Details of Lease Area in approved DSR	Page No-12 Sr.No-51		
36. Proposed CER cost	2% of total project cost i.e. Rs. 1.03Lac		
37. Proposed EMP cost	8.44 Lac		
38. Length and breadth of Haul Road	500 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-frangible 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 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1 to these minutes.**

**2. Sand Stone Mining at Gata No./Araji No.-188mi, Village-Lahaura, Tehsil- Chunar, Mirzapur, U.P., M/ Om Sai Construction, Area -0.809 ha. File No. 5012/Proposal No. SIA/UP/MIN/40217/2019**

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

1. The environmental clearance is sought for Sand Stone Mining at Gata No./Araji No.-188mi, Village-Lahaura, Tehsil- Chunar, Mirzapur, U.P., (Leased Area -0.809 ha.), M/ Om Sai Construction.
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/40217/2019			
2. File No. allotted by SEIAA, UP	5012			
3. Name of Proponent	M/s Om Sai Construction Shri Jitendra Kumar Singh S/o Shri Om Prakash Singh			
4. Full correspondence address of proponent and mobile no.	R/o: H. No.3/40B, Vishwanathpuri Colony, Nawalpur, Shivpur, District-Varanasi U.P			
5. Name of Project	Terms of Reference for Building Stone (Sand stone) mine, at Gata No. /Araji No. 01, Lease Area: 0.809 ha. (2.0 Acres) at Village - Lahaura Tehsil- Chunar, District- Mirzapu Uttar Pradesh			
6. Project location (Plot/Khasra/Gata No.)	01			
7. Name of Village	Lahaura			
8. Tehsil	Chunar			
9. District	Mirzapur			
10. Name of Minor Mineral	Khanda, Gitty/Boulders (Building stone)”			
11. Sanctioned Lease Area (in ha.)	0.809 ha			
12. Max. & Min mRL within lease area	The highest level is 165.30mRL the lowest level is 146.20 mRL			
13. Pillar Coordinates (Verified by DMO)	Pillar No	N	E	
	A	25° 00'04.60"N	82°45'36.30"E	
	B	25° 00'03.30"N	82°45'38.10"E	
	C	24° 59'59.00"N	82°45'36.20"E	
	D	25° 00'00.20"N	82°45'36.30"E	
14. Total Geological Reserves	1,72,722 m <sup>3</sup>			
15. Total Mineable Reserves	1,37,200 m <sup>3</sup>			
16. Total Proposed Production	40450 m <sup>3</sup> (5 Year)			
17. Proposed Production/year	8090 m <sup>3</sup>			
18. Sanctioned Period of Mine lease	20 years			
19. Production of mine/day	26.96 m <sup>3</sup>			
20. Method of Mining	Opencast semi- mechanized			
21. No. of working days	300			
22. Working hours/day	8 hrs			
23. No. of workers	20			
24. No. of vehicles movement/day	3			
25. Type of Land	Govt./Non Forest Land			
26. Depth of Mining	12 m			
27. Nearest metalled road from site	9.79 Km			
28. Water Requirement	PURPOSE	REQUIREMENT (KLD)		
	Drinking	0.20KLD @ 10 lpcd		
	Suppression of dust	6.24 KLD @1.0 L for 1 sqm (2 time a day)		
	Plantation	0.218 KLD @ 1 lit/plant		
	Total	6.658 KLD		
29. Name of QCI Accredited Consultant with QCI No	Paramarsh Servicing Environment and Development 116			

period of validity.	01 May 2021
30. Any litigation pending against the project or land in any court	No
31. Details of 500 m Cluster Map & certificate verified by Mining Officer	Letter No-428 dated 25.05.2019
32. Details of Lease Area in approved DSR	Page No- 10 Sr. No-0 2
33. Proposed CER cost	Project cost – 53.88 lacs CER – 1.07 lacs (2% of Total Cost)
34. Proposed EMP cost	TOR
35. Length and breadth of Haul Road	0.52 km and 6m
36. No. of trees to be planted	218

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 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1 to these minutes.**

**3. Sand Stone Mining at Gata No./Araji No.-188 mi, Village- Ahirupur, Tehsil-Chunar, Mirzapur, U.P. (Leased Area -0.809 ha.), M/s Om Sai Construction. File No. 5013/Proposal No. SIA/UP/MIN/40208/2019**

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

1. The environmental clearance is sought for Sand Stone Mining at Gata No./Araji No.-188 mi, Village- Ahirupur, Tehsil-Chunar, Mirzapur, U.P. (Leased Area -0.809 ha.), M/s Om Sai Construction.
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/40208/2019
2. File No. allotted by SEIAA, UP	5013
3. Name of Proponent	M/s Om Sai Construction Shri Jitendra Kumar Singh S/o Shri Om Prakash Singh
4. Full correspondence address of proponent and mobile no.	R/o: H. No.3/40B, Vishwanathpuri Colony, Nawalpur, Shivpur, District- Varanasi U.P
5. Name of Project	Terms of Reference for Building Stone (Sand stone) mine, at Gata No. /Araji No. 01, Lease Area: 0.809 ha. (2.0 Acres) at Village - Ahirupur, Tehsil- Chunar, District- Mirzapu Uttar Pradesh
6. Project location (Plot/Khasra/Gata No.)	01
7. Name of Village	Ahirupur
8. Tehsil	Chunar
9. District	Mirzapur
10. Name of Minor Mineral	Khanda, Gitty/Boulders (Building stone)”
11. Sanctioned Lease Area (in ha.)	0.809 ha
12. Max. & Min mRL within lease area	The highest level is 123.30mRL the lowest level is 114.15 mRL

13. Pillar Coordinates (Verified by DMO)	Pillar No	N	E
	A	25° 02'34.80"N	82°59'00.10"E
	B	25° 02'34.70"N	82°59'02.03"E
	C	25° 02'30.10"N	82°59'02.10"E
	D	25° 02'30.30"N	82°58'59.90"E
14. Total Geological Reserves	1,52,006 m <sup>3</sup>		
15. Total Mineable Reserves	70,881 m <sup>3</sup>		
16. Total Proposed Production	40450 m <sup>3</sup> (5 Year)		
17. Proposed Production/year	8090 m <sup>3</sup>		
18. Sanctioned Period of Mine lease	20 years		
19. Production of mine/day	26.96 m <sup>3</sup>		
20. Method of Mining	Opencast semi- mechanized		
21. No. of working days	300		
22. Working hours/day	8 hrs		
23. No. of workers	20		
24. No. of vehicles movement/day	3		
25. Type of Land	Govt./Non Forest Land		
26. Depth of Mining	12 m		
27. Nearest metalled road from site	0.60 Km		
28. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.20KLD @ 10 lpcd	
	Suppression of dust	9.6 KLD @ 1.0 L for 1 sqm (2 time a day)	
	Plantation	0.330 KLD @ 1 lit/plant	
	Total	10.13 KLD	
29. Name of QCI Accredited Consultant with QCI No period of validity.	Paramarsh Servicing Environment and Development 116 01 May 2021		
30. Any litigation pending against the project or land in any court	No		
31. Details of 500 m Cluster Map & certificate verified by Mining Officer	Letter No-428                      dated 25.05.2019		
32. Details of Lease Area in approved DSR	Page No. 12    Table No. 46		
33. Proposed CER cost	Project cost – 53.88 lacs CER – 1.07 lacs (2% of Total Cost)		
34. Proposed EMP cost	TOR		
35. Length and breadth of Haul Road	0.80 km and 6m		
36. No. of trees to be planted	330		

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 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1 to these minutes.**

**4. Sand Stone Mining at Khasra No./Plot No./ Gata No-174, Khand No.-B/9, Village- Bangaliya, Tehsil- Meja, District-Prayagraj, U.P. Shri Varun Kumar, Leased Area -4.048 ha. File No. 5014/Proposal No. SIA/UP/MIN/41819/2019**

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

1. The environmental clearance is sought for Sand Stone Mining at Khasra No./Plot No./Gata No-174, Khand No.-B/9, Village- Bangaliya, Tehsil- Meja, District-Prayagraj, U.P. (Leased Area -4.048 ha.).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/41819/2019																
2. File No. allotted by SEIAA, UP	5014																
3. Name of Proponent	Shri Varun Kumar (Prop)																
4. Full correspondence address of proponent and mobile no.	M/s Shri Varun Kumar (Prop) R/o- Ward No.70, Sindhi Tola, Shankargarh, Prayagraj (Allahabad), U.P.																
5. Name of Project	Terms of Reference of Building Stone (Gitti-Boulder) Sand Stone mine at Khasra no. /Plot no. / Gata No. – 174, Khand No. B/9, Area 4.048 ha. (10.0 Acres) at Village – Bangaliya, Tehsil- Meja, District- Prayagraj, Uttar Pradesh of M/s Shri Varun Kumar/110803																
6. Project location (Plot/Khasra/Gata No.)	174, Khand No. B/9																
7. Name of River	Building Stone (Gitti-Boulder) Sand Stone mine																
8. Name of Village	Bangaliya																
9. Tehsil	Meja																
10. District	Prayagraj																
11. Name of Minor Mineral	Building Stone (Gitti-Boulder) Sand Stone mine																
12. Sanctioned Lease Area (in ha.)	Area 4.048 ha																
13. Zero level mRL	98 m																
14. Max. & Min mRL within lease area	The highest level is 112.80 mRL the lowest level is 104.20 mRL																
15. Pillar Coordinates (Verified by DMO)		<table><tr><th>Point</th><th>Latitude</th><th>Longitude</th></tr><tr><td>A</td><td>25° 08’ 08.60’N</td><td>82° 16’ 45.61’E</td></tr><tr><td>B</td><td>25° 08’ 10.41’N</td><td>82° 16’ 48.79’E</td></tr><tr><td>C</td><td>25° 07’ 58.76’N</td><td>82° 16’ 51.71’E</td></tr><tr><td>D</td><td>25° 07’ 56.48’N</td><td>82° 16’ 47.68’E</td></tr></table>	Point	Latitude	Longitude	A	25° 08’ 08.60’N	82° 16’ 45.61’E	B	25° 08’ 10.41’N	82° 16’ 48.79’E	C	25° 07’ 58.76’N	82° 16’ 51.71’E	D	25° 07’ 56.48’N	82° 16’ 47.68’E
Point	Latitude	Longitude															
A	25° 08’ 08.60’N	82° 16’ 45.61’E															
B	25° 08’ 10.41’N	82° 16’ 48.79’E															
C	25° 07’ 58.76’N	82° 16’ 51.71’E															
D	25° 07’ 56.48’N	82° 16’ 47.68’E															
16. Geological Reserves	12,61,582 m <sup>3</sup>																
17. Mineable Reserves	6,45,330 m <sup>3</sup>																
18. Total Proposed Production	2,02,400 m <sup>3</sup>																
19. Proposed Production/year	40,480 m <sup>3</sup> /annum																
20. Sanctioned Period of Mine lease	05 years																
21. Production of mine/day	134.93 m <sup>3</sup>																
22. Method of Mining	Opencast semi- mechanized																
23. No. of working days	300																
24. Working hours/day	8 hrs																
25. No. of workers	36																
26. No. of vehicles movement/day	11																
27. Type of Land	Govt./Non Forest Land																
28. Depth of Mining	12.00 m																
29. Nearest metalled road from site	0.40 km																
30. Water Requirement	PURPOSE	REQUIREMENT (KLD)															
	Drinking	0.36 KLD															
	Suppression of dust	4.8 KLD @ 1.0 L for 1 sqm (2 time a day Haulage Road 400 m)															
	Plantation	0.18 KLD @ 1lit/plant (160+20=180)															
	Total	5.34 KLD															

31. Name of QCI Accredited Consultant with QCI No period of validity.	Paramarsh (Servicing Environment and Development) 116 21 May 2021
32. Any litigation pending against the project or land in any court	No
33. Details of 500 m Cluster Map & certificate verified by Mining Officer	Letter No-460/Khanij/Parya/2019-20 dated 03.06.2019
34. Details of Lease Area in approved DSR	Page No- 39 Table No- 422
35. Proposed CER cost	Project cost – 74.28 lacs /annum CER – 1.48 lacs (2% of Total Cost)
36. Proposed EMP cost	TOR
37. Length and breadth of Haul Road	0.40 km and 6m
38. No. of trees to be planted	180

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 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1 to these minutes.**

**5. Sand Mining from Ganga Riverbed at Khand No.-30, at Village-Paranipur-II & Amilaouti, Meja/ Handiya, Prayagraj.,M/s Mahip Construction, Area-5.0 ha. File No. 5015/Proposal No. SIA/UP/MIN/41869/2019**

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

1. The environmental clearance is sought for Sand Mining from Ganga Riverbed at Khand No.-30, Village-Paranipur-II & Amilaouti, Meja/Handiya, Prayagraj, U.P. (Leased Area-5.0 ha.), M/s Mahip Construction.
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/41869/2019
2. File No. allotted by SEIAA, UP	5015
3. Name of Proponent	Shri Mahip Singh (Prop)
4. Full correspondence address of proponent and mobile no.	Shri Mahip Singh R/o: Bishen Ka Pura, Post- Dohriya Uruwa, Meja, District – Allahabad (Prayagraj), U. P. M/s Mahip Construction/88944
5. Name of Project	Term of Reference for mining lease for extraction of ordinary sand from river bed of Ganga, at Khand No.-30 Area 5.0 ha. (12.35 Acres) at Village – Paranipur II (Bara Shiv Temple to High Tension Line Tower) & Amilaouti, Tehsil- Meja/Handiya, District- Prayagraj, Uttar Pradesh of M/s Mahip Construction/88944
6. Project location (Plot/Khasra/Gata No.)	Khand No.-30
7. Name of River	Ganga River
8. Name of Village	Paranipur II (Bara Shiv Temple to High Tension Line Tower) & Amilaouti
9. Tehsil	Meja
10. District	Prayagraj

11. Name of Minor Mineral	Ordinary sand mine																
12. Sanctioned Lease Area (in ha.)	Area 5.0 ha																
13. Max. & Min mRL within lease area	The highest level is 79.0 mRL the lowest level is 77.00 mRL																
14. Pillar Coordinates (Verified by DMO)		<table><tr><td>Point</td><td>Latitude</td><td>Longitude</td></tr><tr><td>A</td><td>25° 18.266'</td><td>82°09.902'</td></tr><tr><td>B</td><td>25° 18.441'</td><td>82°09.915'</td></tr><tr><td>C</td><td>25° 18.998'</td><td>82° 09.711'</td></tr><tr><td>D</td><td>25° 18.812'</td><td>82°09.211'</td></tr></table>	Point	Latitude	Longitude	A	25° 18.266'	82°09.902'	B	25° 18.441'	82°09.915'	C	25° 18.998'	82° 09.711'	D	25° 18.812'	82°09.211'
Point	Latitude	Longitude															
A	25° 18.266'	82°09.902'															
B	25° 18.441'	82°09.915'															
C	25° 18.998'	82° 09.711'															
D	25° 18.812'	82°09.211'															
15. Geological Reserves	1,58,660 m <sup>3</sup>																
16. Mineable Reserves	1,41,180 m <sup>3</sup>																
17. Total Proposed Production	5,00,000 m <sup>3</sup>																
18. Proposed Production/year	1,00,000 m <sup>3</sup> /annum																
19. Sanctioned Period of Mine lease	05 years																
20. Production of mine/day	400 m <sup>3</sup>																
21. Method of Mining	Opencast semi-mechanized																
22. No. of working days	250																
23. Working hours/day	8 hrs																
24. No. of workers	38																
25. No. of vehicles movement/day	4																
26. Type of Land	Govt./Non Forest Land																
27. Depth of Mining	3.00 m																
28. Nearest metalled road from site	0.77 km																
29. Water Requirement	PURPOSE	REQUIREMENT (KLD)															
	Drinking	0.38 KLD															
	Suppression of dust	9.24 KLD @ 1.0 L for 1 sqm (2 time a day Haulage Road 0.77 m)															
	Plantation	0.33KLD @ 1lit/plant (303+25=333)															
	Total	9.95 KLD															
30. Name of QCI Accredited Consultant with QCI No period of validity.	Paramarsh (Servicing Environment and Development) 116 21 May 2021																
31. Any litigation pending against the project or land in any court	No																
32. Details of 500 m Cluster Map & certificate verified by Mining Officer	Letter No-895/Khanij/Parya/2019-20 dated 09.08.2019																
33. Details of Lease Area in approved DSR	Page No- 61 Table No- 30																
34. Proposed CER cost	Project cost – 64.38 lacs /annum CER – 1.28 lacs (2% of Total Cost)																
35. Proposed EMP cost	TOR																
36. Length and breadth of Haul Road	0.77 km and 6m																
37. No. of trees to be planted	333																

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

#### **RESOLUTION AGAINST AGENDA NO-05**

**The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1 to these minutes.**



**6. Gitti/ Patthar & Weathered Morrum Mine at Gata No.-35, Khand No.-03, Village-Sangrampur, Tehsil-Atarra, Banda, M/s Jai Shri Sankat Mochan Stone Mill, Area -2.0 ha. File No. 5016/Proposal No. SIA/UP/MIN/41400/2019**

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

1. The environmental clearance is sought for Gitti/ Patthar & Weathered Morrum Mine at Gata No.-35, Khand No.-03, Village-Sangrampur, Tehsil-Atarra, Banda, U.P. (Leased Area -2.0 ha.), M/s Jai Shri Sankat Mochan Stone Mill.
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/41400//2019		
2. File No .allotted by SEIAA,UP	5016		
3. Name of Proponent	M/s Jai Shri Sankat Mochan Stone Mill Prop.- Shri Ram Singh S/o Shri Vanshdhari Singh		
4. Full correspondence address of proponent and mobile no.	R/o- Village- Piparhari, Tehsil- Naraini, District– Banda, U.P. 210129		
5. Name of Project	Gitti / Patthar & Weathered Morrum Mining Project		
6. Project location (Plot/ Khasra /Gata No.)	Gata No.- 35 (Khand No.- 03)		
7. Name of Village	Sangrampur		
8. Tehsil	Atarra		
9.District	Banda		
10. Name of Minor Mineral	Gitti / Patthar & Weathered Morrum		
11. Sanctioned Lease Area (in Ha.)	2.0 ha.		
12. Mineable Area (in Ha.)	2.0 ha.		
13.Zero level mRL	Not Applicable		
14.Max.& Min mrl within lease area	195.0 mRL- 144.0 mRL		
15.Pillar Coordinates(Verified by DMO)	25° 06' 30.05"N to 25° 06' 36.41"N 80° 38' 12.70"E to 80° 38' 21.38"E		
16.Total Geological Reserves	19,39,102 m <sup>3</sup>		
17.Total Mineable Reserves	4,52,000 m <sup>3</sup>		
18.Total Proposed Production (in five year)	1,00,000 m <sup>3</sup>		
19.Proposed Production for 5 years	Year	Production	
	1 <sup>st</sup>	20,000 m <sup>3</sup>	
	2 <sup>nd</sup>	20,000 m <sup>3</sup>	
	3 <sup>rd</sup>	20,000 m <sup>3</sup>	
	4 <sup>th</sup>	20,000 m <sup>3</sup>	
	5 <sup>th</sup>	20,000 m <sup>3</sup>	
	Total	1,00,000 m <sup>3</sup>	
20.Sanctioned Period of Mine lease	20 Years		
21.Production of mine/day	66.67 m <sup>3</sup>		
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	33		
26.No.Of vehicle movement /day	7		
27.Type of Land	Govt. land Non- Agricultural		
28.Ultimate Depth of Mining	24 Meter		
29.Nearest metalled road from site	0.2 km		
30. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.33	
	Suppression of dust	2.40	
	Plantation	0.87	

	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	Sanctioned from DM Office, Banda vide letter no. 1022/khanij-30, Bnada, dated 15, June 2019		
34. Details of Lease Area in approved DSR	Correction Letter Sanctioned from DMO, Banda vide Letter No. 1374/Khanij-30, Banda, Dated 13 <sup>th</sup> August, 2019 Page No.- 03, S.No.- 64		
35. Proposed CER cost	1.30 Lakh		
36. Proposed EMP cost	10.45 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	212		

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

**RESOLUTION AGAINST AGENDA NO-06**

The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1 to these minutes.

**7. Building Stone (Khanda, Gitti, Boulder) Mine at Gata No.-2451, Khand No.-02, at Village- Jarar, Tehsil- Naraini, District-Banda, U.P., (Leased Area -1.21 ha.) M/s Atharv Construction company. File No. 5017/Proposal No. SIA/UP/MIN/41384/2019**

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

1. The environmental clearance is sought for Building Stone (Khanda, Gitti- Boulder) Mine at Gata No.- 2451, Khand No.-02, at Village- Jarar, Tehsil- Naraini, District-Banda, U.P., (Leased Area -1.21 ha.), M/s Atharv Construction company.
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/41384/2019
2. File No .allotted by SEIAA,UP	5017
3. Name of Proponent	M/s Atharv Construction Company Prop.- Shri Shravan Kumar Singh S/o Shri Vishnupal Singh
4. Full correspondence address of proponent and mobile no.	R/o- 133, A.N.- 1144, Bhawanipur Nagar Daheli Sujampur, District- Kanpur, U.P. 208015
5. Name of Project	Building Stone (Khanda, Gitti & Boulder) Mining Project
6. Project location (Plot/ Khasra /Gata No.)	Gata No.- 2451 (Khand No.- 02)
7. Name of Village	Jarar

8. Tehsil	Naraini														
9. District	Banda														
10. Name of Minor Mineral	Building Stone (Khanda, Gitti & Boulder)														
11. Sanctioned Lease Area (in Ha.)	1.21 ha.														
12. Mineable Area (in Ha.)	1.21 ha.														
13. Zero level mRL	Not Applicable														
14. Max. & Min mrl within lease area	180.0 mRL- 150.0 mRL														
15. Pillar Coordinates (Verified by DMO)	25° 18' 53.85"N to 25° 18' 59.20"N 80° 21' 49.47"E to 80° 21' 55.45"E														
16. Total Geological Reserves	10,47,816 m <sup>3</sup>														
17. Total Mineable Reserves	1,33,168 m <sup>3</sup>														
18. Total Proposed Production (in five year)	60,500 m <sup>3</sup>														
19. Proposed Production for 5 years	<table border="1"> <thead> <tr> <th>Year</th><th>Production</th></tr> </thead> <tbody> <tr> <td>1<sup>st</sup></td><td>12,100 m<sup>3</sup></td></tr> <tr> <td>2<sup>nd</sup></td><td>12,100 m<sup>3</sup></td></tr> <tr> <td>3<sup>rd</sup></td><td>12,100 m<sup>3</sup></td></tr> <tr> <td>4<sup>th</sup></td><td>12,100 m<sup>3</sup></td></tr> <tr> <td>5<sup>th</sup></td><td>12,100 m<sup>3</sup></td></tr> <tr> <td>Total</td><td>60,500 m<sup>3</sup></td></tr> </tbody> </table>	Year	Production	1 <sup>st</sup>	12,100 m <sup>3</sup>	2 <sup>nd</sup>	12,100 m <sup>3</sup>	3 <sup>rd</sup>	12,100 m <sup>3</sup>	4 <sup>th</sup>	12,100 m <sup>3</sup>	5 <sup>th</sup>	12,100 m <sup>3</sup>	Total	60,500 m <sup>3</sup>
Year	Production														
1 <sup>st</sup>	12,100 m <sup>3</sup>														
2 <sup>nd</sup>	12,100 m <sup>3</sup>														
3 <sup>rd</sup>	12,100 m <sup>3</sup>														
4 <sup>th</sup>	12,100 m <sup>3</sup>														
5 <sup>th</sup>	12,100 m <sup>3</sup>														
Total	60,500 m <sup>3</sup>														
20. Sanctioned Period of Mine lease	20 Years														
21. Production of mine/day	40.33 m <sup>3</sup>														
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	33														
26. No. Of vehicle movement /day	4														
27. Type of Land	Govt. land Non- Agricultural														
28. Ultimate Depth of Mining	12 Meter														
29. Nearest metalled road from site	0.30 km														
30. Water Requirement	<table border="1"> <thead> <tr> <th>PURPOSE</th><th>REQUIREMENT (KLD)</th></tr> </thead> <tbody> <tr> <td>Drinking</td><td>0.33</td></tr> <tr> <td>Suppression of dust</td><td>1.80</td></tr> <tr> <td>Plantation</td><td>0.57</td></tr> <tr> <td>Others( if any)</td><td>-----</td></tr> <tr> <td>Total</td><td>2.70</td></tr> </tbody> </table>	PURPOSE	REQUIREMENT (KLD)	Drinking	0.33	Suppression of dust	1.80	Plantation	0.57	Others( if any)	-----	Total	2.70		
PURPOSE	REQUIREMENT (KLD)														
Drinking	0.33														
Suppression of dust	1.80														
Plantation	0.57														
Others( if any)	-----														
Total	2.70														
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	Sanctioned from DMO, Banda vide Letter No. 1021/Khanij-30, Banda, Dated 15 <sup>th</sup> June, 2019														
34. Details of Lease Area in approved DSR	Correction Letter Sanctioned from DMO, Banda vide Letter No. 1374/Khanij-30, Banda, Dated 13 <sup>th</sup> August, 2019 Page No.- 01, S.No.- 18														
35. Proposed CER cost	1.25 Lakh														
36. Proposed EMP cost	8.15 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	140														

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 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1 to these minutes.**

**8. Building Stone (Sand Stone) Mine at Gata No./Araji No.-730 , at Village- Bhagotidei , Tehsil- Chunar, Mirzapur, U.P., Shri Javed Ahmad . Area -1.01 ha. File No. 5018/Proposal No. SIA/UP/MIN/41382/2019**

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

1. The environmental clearance is sought for Building Stone (Sand Stone) Mine at Gata No./Araji No.- 730 , Village- Bhagotidei , Tehsil- Chunar, 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/41382/2019														
2. File No .allotted by SEIAA,UP	5018														
3. Name of Proponent	Shri Javed Ahmad S/o Shri Ali Zameer Khan														
4. Full correspondence address of proponent and mobile no.	R/o- Village- Rasoolpur, Thana- Adalhat, Tehsil- Chunar, District- Mirzapur, U.P.														
5. Name of Project	Building Stone (Sand Stone) Mining Project														
6. Project location (Plot/ Khasra /Gata No.)	Araji No.-730														
7. Name of Village	Bhagotidei														
8. Tehsil	Chunar														
9.District	Mirzapur														
10. Name of Minor Mineral	Building Stone (Sand Stone)														
11. Sanctioned Lease Area (in Ha.)	1.01 ha.														
12. Mineable Area (in Ha.)	1.01 ha.														
13.Zero level mRL	Not Applicable														
14.Max.& Min mrl within lease area	105.0 mRL- 98.0 mRL														
15.Pillar Coordinates(Verified by DMO)	25° 03' 28.54"N to 25° 03' 31.19"N 82° 59' 54.79"E to 82° 59' 59.99"E														
16.Total Geological Reserves	6,89,256 m <sup>3</sup>														
17.Total Mineable Reserves	1,99,982 m <sup>3</sup>														
18.Total Proposed Production (in five year)	10,000 m <sup>3</sup>														
19.Proposed Production for 5 years	<table border="1"> <thead> <tr> <th>Year</th><th>Production</th></tr> </thead> <tbody> <tr> <td>1<sup>st</sup></td><td>10,000 m<sup>3</sup></td></tr> <tr> <td>2<sup>nd</sup></td><td>10,000 m<sup>3</sup></td></tr> <tr> <td>3<sup>rd</sup></td><td>10,000 m<sup>3</sup></td></tr> <tr> <td>4<sup>th</sup></td><td>10,000 m<sup>3</sup></td></tr> <tr> <td>5<sup>th</sup></td><td>10,000 m<sup>3</sup></td></tr> <tr> <td>Total</td><td>50,000 m<sup>3</sup> m<sup>3</sup></td></tr> </tbody> </table>	Year	Production	1 <sup>st</sup>	10,000 m <sup>3</sup>	2 <sup>nd</sup>	10,000 m <sup>3</sup>	3 <sup>rd</sup>	10,000 m <sup>3</sup>	4 <sup>th</sup>	10,000 m <sup>3</sup>	5 <sup>th</sup>	10,000 m <sup>3</sup>	Total	50,000 m <sup>3</sup> m <sup>3</sup>
Year	Production														
1 <sup>st</sup>	10,000 m <sup>3</sup>														
2 <sup>nd</sup>	10,000 m <sup>3</sup>														
3 <sup>rd</sup>	10,000 m <sup>3</sup>														
4 <sup>th</sup>	10,000 m <sup>3</sup>														
5 <sup>th</sup>	10,000 m <sup>3</sup>														
Total	50,000 m <sup>3</sup> m <sup>3</sup>														
20.Sanctioned Period of Mine lease	20 Years														
21.Production of mine/day	33.33 m <sup>3</sup>														
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	4												
27.Type of Land	Govt. land Non- Agricultural												
28.Ultimate Depth of Mining	6 Meter												
29.Nearest metalled road from site	0.75 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>4.50</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>5.40</td></tr> </tbody> </table>	PURPOSE	REQUIREMENT (KLD)	Drinking	0.30	Suppression of dust	4.50	Plantation	0.60	Others( if any)	-----	Total	5.40
PURPOSE	REQUIREMENT (KLD)												
Drinking	0.30												
Suppression of dust	4.50												
Plantation	0.60												
Others( if any)	-----												
Total	5.40												
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, Mirzapur vide Letter No. 506, Dated 10 <sup>th</sup> June, 2019												
34. Details of Lease Area in approved DSR	Page No.- 11, S.No.- 12												
35. Proposed CER cost	1.25 Lakh												
36. Proposed EMP cost	11.25 Lakh												
37. Length and breadth of Haul Road.	Length- 0.75 Km, Width- more than 6.0 m												
38. No. of Trees to be Planted	150												

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

#### **RESOLUTION AGAINST AGENDA NO-08**

The committee discussed the matter 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 at Gata No.-2450, Khand No.- 01, Village-Jarar, Tehsil-Naraini, Banda, U.P., (Leased Area -2.0 ha.) Shri Brijmohan Kirar. File No. 5019/Proposal No. SIA/UP/MIN/41456/2019**

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

- The environmental clearance is sought for Granite (Khanda, Gitti & Boulder) Mine at Gata No.-2450, Khand No.- 01, Village-Jarar, Tehsil-Naraini, Banda, U.P., (Leased Area -2.0 ha.).
- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/41456/2019
2. File No .allotted by SEIAA,UP	5019
3. Name of Proponent	Shri Brijmohan Kirar S/o Shri Karan Singh Kirar

4. Full correspondence address of proponent and mobile no.	R/o- 95, Risaldar Colony, Chhola Road, District- Bhopal, M.P. 462001		
5. Name of Project	Building Stone (Khanda, Gitti & Boulder) Mining Project		
6. Project location (Plot/ Khasra /Gata No.)	Gata No.- 2450 (Khand No.- 01)		
7. Name of Village	Jarar		
8. Tehsil	Naraini		
9. District	Banda		
10. Name of Minor Mineral	Building Stone (Khanda, Gitti & Boulder)		
11. Sanctioned Lease Area (in Ha.)	2.0 ha.		
12. Mineable Area (in Ha.)	2.0 ha.		
13. Zero level mRL	Not Applicable		
14. Max. & Min mrl within lease area	203.0 mRL- 160.0 mRL		
15. Pillar Coordinates (Verified by DMO)	25° 19' 01.45"N to 25° 19' 06.80"N 80° 21' 34.32"E to 80° 21' 42.15"E		
16. Total Geological Reserves	24,40,944 m <sup>3</sup>		
17. Total Mineable Reserves	4,76,470 m <sup>3</sup>		
18. Total Proposed Production (in five year)	1,00,000 m <sup>3</sup>		
19. Proposed Production for 5 years	Year	Production	
	1 <sup>st</sup>	20,000 m <sup>3</sup>	
	2 <sup>nd</sup>	20,000 m <sup>3</sup>	
	3 <sup>rd</sup>	20,000 m <sup>3</sup>	
	4 <sup>th</sup>	20,000 m <sup>3</sup>	
	5 <sup>th</sup>	20,000 m <sup>3</sup>	
	Total	1,00,000 m <sup>3</sup>	
20. Sanctioned Period of Mine lease	20 Years		
21. Production of mine/day	66.67 m <sup>3</sup>		
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	33		
26. No. Of vehicle movement /day	7		
27. Type of Land	Govt. land Non- Agricultural		
28. Ultimate Depth of Mining	6 Meter		
29. Nearest metalled road from site	0.25 km		
30. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.33	
	Suppression of dust	3.00	
	Plantation	0.87	
	Others( if any)	-----	
	Total	4.20	
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	Sanctioned from DMO, Banda vide Letter No. 1015/Khanij-30, Banda, Dated 15 <sup>th</sup> June, 2019		
34. Details of Lease Area in approved DSR	Correction Letter Sanctioned from DMO, Banda vide Letter No. 1374/Khanij-30, Banda, Dated 13 <sup>th</sup> August, 2019 Page No.- 01, S.No.- 10		
35. Proposed CER cost	1.30 Lakh		
36. Proposed EMP cost	10.50 Lakh		
37. Length and breadth of Haul Road.	Length- 0.25 Km, Width- more than 6.0 m		
38. No. of Trees to be Planted	216		

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 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1 to these minutes.**

**10. Khanda, Gitti & Boulder Mine at Gata No.-2451, Khand No.-01, Village-Jarar, Naraini, Banda, M/s Eureka Mines & Minerals LLP, Area-2.50 ha. File No. 5020/Proposal No. SIA/UP/MIN/41570/2019**

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

1. The environmental clearance is sought for Khanda, Gitti & Boulder Mine at Gata No.-2451, Khand No.-01, Village-Jarar, Naraini, Banda, U.P., (Leased Area-2.50 ha.), M/s Eureka Mines & Minerals LLP.
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/41570/2019		
2. File No .allotted by SEIAA,UP	5020		
3. Name of Proponent	M/s Eureka Mines & Minerals LLP Part.- Shri Chandra Shekhar Chaurasia S/o Shri Dindayal Chaurasia		
4. Full correspondence address of proponent and mobile no.	R/o- 28, Brahmpuri Colony Near Jugli Crossing, Faizabad Road, District- Lucknow, U.P. 226001		
5. Name of Project	Granite (Khanda, Gitti & Boulder) Mining Project		
6. Project location (Plot/ Khasra /Gata No.)	Gata No.- 2451 (Khand No.- 01)		
7. Name of Village	Jarar		
8. Tehsil	Naraini		
9.District	Banda		
10. Name of Minor Mineral	Granite (Khanda, Gitti & Boulder)		
11. Sanctioned Lease Area (in Ha.)	2.50 ha.		
12. Mineable Area (in Ha.)	2.50 ha.		
13.Zero level mRL	Not Applicable		
14.Max.& Min mrl within lease area	181.0 mRL- 145.0 mRL		
15.Pillar Coordinates(Verified by DMO)	25° 18' 49.73"N to 25° 18' 57.50"N 80° 21' 46.18"E to 80° 21' 59.45"E		
16.Total Geological Reserves	21,82,328 m <sup>3</sup>		
17.Total Mineable Reserves	5,46,754 m <sup>3</sup>		
18.Total Proposed Production (in five year)	1,25,000 m <sup>3</sup>		
19.Proposed Production for 5 years	Year	Production	
	1 <sup>st</sup>	25,000 m <sup>3</sup>	
	2 <sup>nd</sup>	25,000 m <sup>3</sup>	
	3 <sup>rd</sup>	25,000 m <sup>3</sup>	

	4 <sup>th</sup>	25,000 m <sup>3</sup>	
	5 <sup>th</sup>	25,000 m <sup>3</sup>	
	Total	1,25,000 m <sup>3</sup>	
20.Sanctioned Period of Mine lease	20 Years		
21.Production of mine/day	83.33 m <sup>3</sup>		
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	33		
26.No.Of vehicle movement /day	9		
27.Type of Land	Govt. land Non- Agricultural		
28.Ultimate Depth of Mining	12 Meter		
29.Nearest metalled road from site	0.25 km		
30. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.33	
	Suppression of dust	1.50	
	Plantation	1.07	
	Others( if any)	-----	
	Total	2.90	
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	Letter Sanctioned from DMO, Banda vide Letter No. 1482/Khanij-30, Banda, Dated 20 <sup>th</sup> July, 2019		
34. Details of Lease Area in approved DSR	Correction Letter Sanctioned from DMO, Banda vide Letter No. 1374/Khanij-30, Banda, Dated 13 <sup>th</sup> August, 2019 Page No.- 01, S.No.- 17		
35. Proposed CER cost	1.30 Lakh		
36. Proposed EMP cost	9.55 Lakh		
37. Length and breadth of Haul Road.	Length- 0.25 Km, Width- more than 6.0 m		
38. No. of Trees to be Planted	265		

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

#### **RESOLUTION AGAINST AGENDA NO-10**

**The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1 to these minutes.**



**11. Khanda, Gitti & Boulder Mine at Gata No.-356, Khand No.-01, Village-Dudaiyani, Tehsil & District-Mahoba, U.P., Shri Beependra Singh. Area -1.214 ha. File No. 5021/Proposal No. SIA/UP/MIN/41573/2019**

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

1. The environmental clearance is sought for Khanda, Gitti & Boulder Mine at Gata No.-356, Khand No.-01, Village-Dudaiyani, Tehsil & District-Mahoba, U.P., (Leased Area -1.214 ha.).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/41573/2019																
2. File No .allotted by SEIAA,UP	5021																
3. Name of Proponent	Shri Beependra Singh S/o Shri Kamlesh Singh																
4. Full correspondence address of proponent and mobile no.	R/o- Vill.- Raipura Khurd, Bilwai, Tehsil & District- Mahoba, U.P.																
5. Name of Project	Building Stone (Khanda, Gitti & Boulder) Mining Project																
6. Project location (Plot/ Khasra /Gata No.)	Gata No.- 356 (Khand No.- 01)																
7. Name of Village	Dudaiyan																
8. Tehsil	Mahoba																
9.District	Mahoba																
10. Name of Minor Mineral	Building Stone (Khanda, Gitti & Boulder)																
11. Sanctioned Lease Area (in Ha.)	1.214 ha.																
12. Mineable Area (in Ha.)	1.214 ha.																
13.Zero level mRL	Not Applicable																
14.Max.& Min mrl within lease area	272.0 mRL- 253.0 mRL																
15.Pillar Coordinates(Verified by DMO)	25° 11' 15.59"N to 25° 11' 20.10"N 79° 44' 09.75"E to 79° 44' 13.61"E																
16.Total Geological Reserves	9,25,350 m <sup>3</sup>																
17.Total Mineable Reserves	2,28,864 m <sup>3</sup>																
18.Total Proposed Production (in five year)	60,700 m <sup>3</sup>																
19.Proposd Production for 5 years	<table><tr><td>Year</td><td>Production</td></tr><tr><td>1<sup>st</sup></td><td>12,140 m<sup>3</sup></td></tr><tr><td>2<sup>nd</sup></td><td>12,140 m<sup>3</sup></td></tr><tr><td>3<sup>rd</sup></td><td>12,140 m<sup>3</sup></td></tr><tr><td>4<sup>th</sup></td><td>12,140 m<sup>3</sup></td></tr><tr><td>5<sup>th</sup></td><td>12,140 m<sup>3</sup></td></tr><tr><td>Total</td><td>60,700 m<sup>3</sup></td></tr></table>	Year	Production	1 <sup>st</sup>	12,140 m <sup>3</sup>	2 <sup>nd</sup>	12,140 m <sup>3</sup>	3 <sup>rd</sup>	12,140 m <sup>3</sup>	4 <sup>th</sup>	12,140 m <sup>3</sup>	5 <sup>th</sup>	12,140 m <sup>3</sup>	Total	60,700 m <sup>3</sup>		
Year	Production																
1 <sup>st</sup>	12,140 m <sup>3</sup>																
2 <sup>nd</sup>	12,140 m <sup>3</sup>																
3 <sup>rd</sup>	12,140 m <sup>3</sup>																
4 <sup>th</sup>	12,140 m <sup>3</sup>																
5 <sup>th</sup>	12,140 m <sup>3</sup>																
Total	60,700 m <sup>3</sup>																
20.Sanctioned Period of Mine lease	20 Years																
21.Production of mine/day	40.47 m <sup>3</sup>																
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	33																
26.No.Of vehicle movement /day	4																
27.Type of Land	Govt. land Non- Agricultural																
28.Ultimate Depth of Mining	6 Meter																
29.Nearest metalled road from site	0.10 km																
30. Water Requirement	<table><tr><td>PURPOSE</td><td>REQUIREMENT (KLD)</td></tr><tr><td>Drinking</td><td>0.33</td></tr><tr><td>Suppression of dust</td><td>1.20</td></tr><tr><td>Plantation</td><td>0.52</td></tr><tr><td>Others( if any)</td><td>-----</td></tr><tr><td>Total</td><td>2.05</td></tr></table>	PURPOSE	REQUIREMENT (KLD)	Drinking	0.33	Suppression of dust	1.20	Plantation	0.52	Others( if any)	-----	Total	2.05				
PURPOSE	REQUIREMENT (KLD)																
Drinking	0.33																
Suppression of dust	1.20																
Plantation	0.52																
Others( if any)	-----																
Total	2.05																
31. Name of QCI Accredited Consultant with QCI No and	M/s Paramarsh (Servicing Environment and Development),																

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, Mahoba vide Letter No. 172/MMC-30,2019-20, Dated 09 <sup>th</sup> April, 2019
34. Details of Lease Area in approved DSR	Page No.- 82, S.No.- 46
35. Proposed CER cost	1.30 Lakh
36. Proposed EMP cost	8.10 Lakh
37. Length and breadth of Haul Road.	Length- 0.10 Km, Width- more than 6.0 m
38. No. of Trees to be Planted	130

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 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1 to these minutes.

**12. Building Stone (Khanda, Gitti & Boulder) at Gata No.-84, at Village- Khalari, Tehsil-Naraini, Banda, U.P., M/s P.P. Pandey Infrastructure Pvt. Ltd. Leased Area -3.01 ha. File No. 5022/Proposal No. SIA/UP/MIN/42034/2019**

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

1. The environmental clearance is sought for Building Stone (Khanda, Gitti & Boulder) at Gata No.-84, at Village- Khalari, Tehsil-Naraini, Banda, U.P., (Leased Area -3.01 ha.), M/s P.P. Pandey Infrastructure Pvt. Ltd.
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/42034/2019
2. File No. allotted by SEIAA, UP	5022
3. Name of Proponent	M/s P.P.Pandey Infrastructure Pvt. Ltd. Shri Manish Pandey, S/o-Shri Pateshwari Prasad Pandey
4. Full correspondence address of proponent and mobile no.	R/o-II Floor, Sector-12 Aditya Plaza, Indira Nagar, Lucknow (U.P)
5. Name of Project	Khalari Building Stone (Khanda, Gitty, Boulder)
6. Project location (Plot/Khasra/Gata No.)	Gata No: 84
7. Name of River	Ken River
8. Name of Village	Khalari,
9. Tehsil	Naraini
10. District	District Banda, Uttar Pradesh
11. Name of Minor Mineral	Building Stone (Khanda, Gitty, Boulder) mining
12. Sanctioned Lease Area (in Ha. )	3.01 ha
13. Mineable Area (in Ha. )	Mineable area 2.562 Ha after leaving safety zone 0.448 Ha
14. Zero level mRL	107.0 mRL

15. Max. & Min mrl within lease area	Max.- 159.50 mRL & Min. -146.10 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillar No.	Latitude N	Longitude E
	A	25°05' 30.2"N	80°23' 00.3"E
	B	25°05' 28.9"N	80°23' 04.2"E
	C	25°05' 24.5"N	80°23' 04.8"E
	D	25°05' 22.7"N	80°23' 03.6"E
	E	25°05' 25.8"N	80°22' 59.5"E
	F	25°05' 27.5"N	80°22' 58.6"E
17. Total Geological Reserves	9,69,980 m <sup>3</sup> per year / 24,24,950 TPA		
18. Total Mineable Reserves in LOI	30,100 m <sup>3</sup> per year / 75,250 TPA		
19. Total Proposed Production (in five year)	1,50,500 m <sup>3</sup> / 3,76,250 TPA		
20. Proposed Production/year	30,100 m <sup>3</sup> per year / 75,250 TPA		
21. Sanctioned Period of Mine lease	20 years		
22. Production of mine/day	100.3 m <sup>3</sup> /day or 251 MT		
23. Method of Mining	Opencast Semi-Mechanized		
24. No. of working days	300		
25. Working hours/day	12 hrs (in two shifts)		
26. No. Of workers	28		
27. No. Of vehicles movement/day	Truck dumper/tipper, Tractor Trolleys & Other light Vehicles		
28. Type of Land	Lease land issued by government of UP		
29. Ultimate Depth of Mining	6.0 m		
30. Nearest metalled road from site	0.7 km away kaccha road		
31. Water Requirement	PURPOSE		REQUIREMENT (KLD)
	Drinking		0.30 KLD
	Suppression of dust		4.2 KLD
	Plantation		1.6 KLD
	Others (if any)		
	Total		6.1 OR 6.0 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt Ltd. 1619, validity=31-01-2019, Extended upto 15 November 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. 1323/khanij-30 Banda dated. 08 August 2019		
35. Details of Lease Area in approved DSR	Letter no 1374/khanij-30 Banda dated. 13 August 2019, Page no 02 ,Sl.No- 44		
36. Proposed CER cost	Rs-1,90,000/-		
37. Proposed EMP cost	Capital Rs-3,00,000/- recurring cost- Rs 2,50,000/-		
38. Length and breadth of Haul Road	700 m, 6 m		
39. No. of Trees to be Planted	1600 plants		

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

**RESOLUTION AGAINST AGENDA NO-12**

**The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1 to these minutes.**

**13. Sand/Morrum Mining at Burma River Bed, Khand No.-3, Gata No.- 468/14 & 1111, at Village-Dulara & Tolpatara, Kulpahad, Mahoba. Smt. Usha Rajput. Area-10.695 ha. File No. 5023/Proposal No. SIA/UP/MIN/42032/2019**

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

1. The environmental clearance is sought for Sand/Morrum Mining at Burma River Bed, Khand No.-3, Gata No.- 468/14 & 1111, Village-Dulara & Tolpatara, Kulpahad, Mahoba, U.P. (Leased Area-10.695 ha).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/42032/2019			
2. File no. allotted by SEIAA, UP	5023, Dated- 26-09-2019			
3. Name of Proponent	Smt. Usha Rajput W/o Shri Mehar Singh			
4. Full correspondence address of proponent and mobile no.	R/o- 1582, Patanjali Shop Near Bus Stand, Village-Panwari, Tehsil- Kulpahar, District-Mahoba (U.P.)			
5. Name of Project	“Sand/ Moram Mining”			
6. Name of River	Burma River			
7. Project location (Plot/Khasra/Gata No.)	Khand No.3, Gata No. 468/14 & 1111 Area- 10.695 Ha, Village- Dulara & Tolpatara, Tehsil- Kulpahar, District- Mahoba (U.P.)			
8. Name of Minor Mineral	River Bed Material (Sand/Moram)			
9. Schedule (as per EIA notification 2006)	1(a)i			
10. Category of Project	B(1)			
11. Sanctioned Lease Area (in Ha.)	Total Lease Area: 10.695 Ha,			
12. Mineable Area (in Ha.)	Area submerged under water: 1.351 Ha, Area left as 10% width of river stream (2m) and 7.5 wide Strip –Non workable area: 6.185 Ha Workable Area: 3.159 Ha (Mineable Area)			
13. Project Status	State Govt. has given its consent vide letter no. 7610/एमएमसी-30 (ई-टेंडर/सहमति पत्र 2018-19) दिनांक 18/02/2019 for the exploitation of Sand/Morrum for a period of five years having production capacity 22,500 <sup>3</sup> m /annum.			
14. Zero level mRL	177 mRL			
15. Max. & Min mRL within lease area	Highest: 181 mRL & Lowest: 177 mRL			
16. Pillar Coordinates (Verified by DMO)		Sanction Lease Area Co-ordinate		
	Pillars	Latitude (N)	Longitude (E)	
	A	25°20'09.10"N	79°28'26.10"E	
	B	25°20'26.10"N	79°28'27.10"E	
	C	25°19'19.66"N	79°28'32.37"E	
	D	25°19'19.44"N	79°28'30.36"E	
17. Total Geological Reserves	3,20,850 m3			
18. Total Mineable Reserves	22,500 m3/ annum			
19. Total Proposed Production (in five year)	1,12,500 m3			
20. Proposed Production/year	Proposed 22,500 m3/ annum			
21. Sanctioned Period of Mine lease	State Govt. has given its consent vide letter no. 7610/एमएमसी-30 (ई-टेंडर/सहमति पत्र 2018-19) दिनांक 18/02/2019 for the exploitation of Sand/Morrum for a period of five years having production capacity 22,500 m3/annum.			
22. Production of mine/day	100 m3/day [180 Tonnes/ day]			

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	50 Manpower			
27. No. Of vehicles movement/day	18 Units (Assumed Loading Capacity: 10 Tonnes/Unit)			
28. Type of Land	State Government Land			
29. Ultimate Depth of Mining	0.75 m			
30. Nearest metalled road from site	Dadri Link Road is 3.5 km, North			
31. Water Requirement	Source	Purpose	Detail	Avg. Demand /Day(in KLD)
	Portable Tanker	Drinking @15 lpcd/worker	50 worker x 15 lpcd	0.75 KLD
	Surface Water	Land reclamation / plantation @2.5 Lit/Tree	300 Tree x 2.5 Lit	0.75 KLD
		Dust suppression @1 Lit/Sq.m (Haulage Road Area) = 1500m(Length)x 7m(Width)= 10500 m2(twice in a day)	1500m x 7m x 1Lit (10500 x 1lit x 2)	21.0 KLD
	Total			24.0 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	GLOBUS ENVIRONMENT ENGINEERING SERVICES Certificate No. NABET/EIA/1821/IA0034, Valid Till April 03/2021			
33. Any litigation pending against the project or hand in any court	No			
34. Details of 500 m Cluster Map & certificate issued by Mining Officer	Cluster certificate issued by DMO (Mining Section), Mahoba. Letter No. 536, खनिज-एमएमसी-30/2019-20, दिनांक 31-05-2019			
35. Details of Lease Area in approved DSR				
36 Proposed Project cost	99.75 Lakhs			
37. Proposed CER cost	5.0 Lakhs (@ 5% of the total Project Cost)			
38. Proposed EMP cost	30.00 Lakhs			
39. Length and breadth of Haul Road	Haulage Road Length 1500 m & Haulage Road Width 7 m			
40. No. of Trees to be Planted	300 Trees			

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

#### **RESOLUTION AGAINST AGENDA NO-13**

**The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1 to these minutes.**

**14. Khanda, Gitti & Boulder at Gata No.-587 & 588, Khand No.-09, Village-Nahari, Naraini, Banda., M/s P.P. Pandey Infrastructure Pvt. Ltd., Area -2.0 ha. File No. 5025/Proposal No. SIA/UP/MIN/42061/2019**

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

1. The environmental clearance is sought for Khanda, Gitti & Boulder at Gata No.-587 & 588, Khand No.-09, Village-Nahari, Naraini, Banda, U.P. (Leased Area -2.0 ha.), M/s P.P. Pandey Infrastructure Pvt. Ltd.
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/42061/2019														
2. File No. allotted by SEIAA, UP	5025														
3. Name of Proponent	M/s P.P.Pandey Infrastructure Pvt. Ltd. Shri Manish Pandey, S/o-Shri Pateshwari Prasad Pandey														
4. Full correspondence address of proponent and mobile no.	R/o-II Floor, Sector-12 Aditya Plaza, Indira Nagar, Lucknow (U.P														
5. Name of Project	Nahari Granite (Khanda,Gitty, Boulder)														
6. Project location (Plot/Khasra/Gata No.)	587 & 588 (Khand No.9)														
7. Name of River	Ken River														
8. Name of Village	Nahari														
9. Tehsil	Naraini														
10. District	District Banda, Uttar Pradesh														
11. Name of Minor Mineral	Granite (Khanda,Gitty, Boulder)														
12. Sanctioned Lease Area (in Ha. )	2.0 ha														
13. Mineable Area (in Ha. )	Mineable area 1.56 Ha after leaving safety zone 0.44 Ha														
14. Zero level mRL	127.0 mRL														
15. Max. & Min mrl within lease area	Max.- 179.60 mRL & Min. - 160.90 mRL														
16. Pillar Coordinates (Verified by DMO)	<table><tr><td>Pillar No.</td><td>Latitude N</td><td>Longitude E</td></tr><tr><td>A</td><td>25°05' 30.73"N</td><td>80°22' 05.22"E</td></tr><tr><td>B</td><td>25°05' 25.95"N</td><td>80°22' 11.54"E</td></tr><tr><td>C</td><td>25°05' 23.36"N</td><td>80°22' 05.16"E</td></tr></table>			Pillar No.	Latitude N	Longitude E	A	25°05' 30.73"N	80°22' 05.22"E	B	25°05' 25.95"N	80°22' 11.54"E	C	25°05' 23.36"N	80°22' 05.16"E
Pillar No.	Latitude N	Longitude E													
A	25°05' 30.73"N	80°22' 05.22"E													
B	25°05' 25.95"N	80°22' 11.54"E													
C	25°05' 23.36"N	80°22' 05.16"E													
17. Total Geological Reserves	5,71,685 m <sup>3</sup> per year / 14,29,212.5 TPA														
18. Total Mineable Reserves in LOI	20,000 m <sup>3</sup> per year / 50,000 TPA														
19. Total Proposed Production (in five year)	1,00,000 m <sup>3</sup> / 2,50,000 TPA														
20. Proposed Production/year	20,000 m <sup>3</sup> per year / 50,000 TPA														
21. Sanctioned Period of Mine lease	20 years														
22. Production of mine/day	66.66 m <sup>3</sup> /day or 167TPA														
23. Method of Mining	Opencast Semi-Mechanized														
24. No. of working days	300														
25. Working hours/day	12 hrs (in two shifts)														
26. No. Of workers	25														
27. No. Of vehicles movement/day	Truck dumper/tipper, Tractor Trolleys & Other light Vehicles														
28. Type of Land	Lease land issued by government of UP														
29. Ultimate Depth of Mining	6.0 m														
30. Nearest metalled road from site	0.6 km away kaccha road														
31. Water Requirement	PURPOSE		REQUIREMENT (KLD)												
	Drinking		0.30 KLD												
	Suppression of dust		3.6 KLD												
	Plantation		1.05 or 1.0 KLD												

	Others (if any)	
	Total	4.9 OR 5.0 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt Ltd. 1619, validity=31-01-2019, Extended upto 15 November 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. 1018/khanij-30 Banda dated. 15 June 2019	
35. Details of Lease Area in approved DSR	Letter no 1374/khanij-30 Banda dated. 13 August 2019, Page no 03 ,Sl.No- 60	
36. Proposed CER cost	Rs-2,35,000/-	
37. Proposed EMP cost	Capital Rs-3,00,000/- recurring cost- Rs 2,50,000/-	
38. Length and breadth of Haul Road	600 m, 6 m	
39. No. of Trees to be Planted	1050 plants	

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-14**

The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1 to these minutes.

#### **15. Sand Mining on Ganga Riverbed at Gata No.-704, 705,706, Khand No.-01, Village-Chandpurluk Ehatmali, Tehsil-Dalmau, Raebareli., M/s Baba Construction Company (Leased Area: 13.750 Ha). File No. 5026/Proposal No. SIA/UP/MIN/42093/2019**

#### **RESOLUTION AGAINST AGENDA NO-15**

The project proponent did not appear. The committee discussed and deliberated that the 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.

#### **16. Granite (Khanda, Gitti & Boulder) at Gata No.-332, Khand No.-03, Village-Badokhar Khurd, Tehsil-Naraini, District-Banda, U.P., Shri Deepak Singh. Area -0.56 ha. File No. 5028/Proposal No. SIA/UP/MIN/42081/2019**

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

1. The environmental clearance is sought for Granite (Khanda, Gitti & Boulder) at Gata No.-332, Khand No.-03, Village-Badokhar Khurd, Tehsil-Naraini, District-Banda, U.P., (Leased Area -0.56 ha.).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/42081/2019
2. File No .allotted by SEIAA,UP	5028

3. Name of Proponent	Shri Deepak Singh S/o Shri Ram Pal Singh		
4. Full correspondence address of proponent and mobile no.	R/o- Akbarpur Banda Road, Bharatkoop, Teh.- Karwi, District- Chitrakoot, U.P.		
5. Name of Project	Granite (Khanda, Gitti & Boulder) Mining Project		
6. Project location (Plot/ Khasra /Gata No.)	Gata No.- 332 (Khand No.- 03)		
7. Name of Village	Badokhar Khurd		
8. Tehsil	Naraini		
9. District	Banda		
10. Name of Minor Mineral	Granite (Khanda, Gitti & Boulder)		
11. Sanctioned Lease Area (in Ha.)	0.56 ha.		
12. Mineable Area (in Ha.)	0.56 ha.		
13. Zero level mRL	Not Applicable		
14. Max. & Min mrl within lease area	168.0 mRL- 147.0 mRL		
15. Pillar Coordinates (Verified by DMO)	25° 19' 42.60"N to 25° 19' 45.71"N 80° 22' 31.69"E to 80° 22' 36.76"E		
16. Total Geological Reserves	3,55,428 m <sup>3</sup>		
17. Total Mineable Reserves	45,752 m <sup>3</sup>		
18. Total Proposed Production (in five year)	28,000 m <sup>3</sup>		
19. Proposed Production for 5 years	Year	Production	
	1 <sup>st</sup>	5,600 m <sup>3</sup>	
	2 <sup>nd</sup>	5,600 m <sup>3</sup>	
	3 <sup>rd</sup>	5,600 m <sup>3</sup>	
	4 <sup>th</sup>	5,600 m <sup>3</sup>	
	5 <sup>th</sup>	5,600 m <sup>3</sup>	
	Total	28,000 m <sup>3</sup>	
20. Sanctioned Period of Mine lease	20 Years		
21. Production of mine/day	18.67 m <sup>3</sup>		
22. Method of Mining	Opencast Semi-Mechanized		
23. No. of working days	300 days		
24. Working hours/day	8 Hours/Day		
25. No. Of workers	26		
26. No. Of vehicle movement /day	2		
27. Type of Land	Govt. land Non- Agricultural		
28. Ultimate Depth of Mining	6 Meter		
29. Nearest metalled road from site	0.25 km		
30. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.26	
	Suppression of dust	1.50	
	Plantation	0.29	
	Others( if any)	-----	
	Total	2.05	
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	Letter Sanctioned from DMO, Banda vide Letter No. 1017/Khanij-30, Banda, Dated 15 <sup>th</sup> June, 2019		
34. Details of Lease Area in approved DSR	Correction Letter Sanctioned from DMO, Banda vide Letter No. 1374/Khanij-30, Banda, Dated 13 <sup>th</sup> August, 2019 Page No.- 01, S.No.- 7		
35. Proposed CER cost	1.10 Lakh		
36. Proposed EMP cost	7.40 Lakh		
37. Length and breadth of Haul Road.	Length- 0.25 Km, Width- more than 6.0 m		
38. No. of Trees to be Planted	71		



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-16**

**The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1 to these minutes.**

**17. Diaspore Pyrophyllite Mining at Khasra No.-1340, 1344, 1345, 1339, 1328, and Bawal Tanda 421, 422, at Village-Palar, Bawal & Tanda, Tehsil & District-Jhansi, U.P., (Leased Area:72.50 Ha), M/s J.K. Minerals. File No. 5030/Proposal No. SIA/UP/MIN/41485/2019**

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

1. The environmental clearance is sought for Diaspore Pyrophyllite Mining at Khasra No.-1340, 1344, 1345, 1339, 1328, and Bawal Tanda 421, 422, Village-Palar, Bawal & Tanda, Tehsil & District-Jhansi, U.P., (Leased Area:72.50 Ha), M/s J.K. Minerals.
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/41485/2019		
2. File No. allotted by SEIAA, UP	5030		
3. Name of Proponent	M/s J. K. Minerals Harsh Kochar S/o late Shri Rajkumar Kochar (Partner)		
4. Full correspondence address of proponent and mobile no.	M/s J. K. Minerals C-1/C-2, Industrials Estate, Gwalior road, Jhansi (U.P.)- 284003		
5. Name of Project	Diaspore & Pyrophyllite Mining Project of 72.50 ha in Village- Palar Bawal & Tanda, Tehsil Jhansi, Distt. Jhansi (U.P.) Proposed capacity – 100000 Ton per year by M/s J. K. Minerals.		
6. Project location (Plot/Khasra/Gata No.)	Khasra No. 1340, 1344, 1345, 1339, 1328, and Bawal Tanda 421, 422		
7. Name of Village	Palar, Bawal & Tanda		
8. Tehsil	Jhansi		
9. District	Jhansi		
10. Name of Minor Mineral	Pyrophyllite & Diaspore (Minor Mineral)		
11. Sanctioned Lease Area (in ha.)	72.50 ha		
12. Max. & Min mRL within lease area	The Max. mRL is 259.50m. The Min. mRL is 207.10m.		
13. Pillar Coordinates (Verified by DMO)	Pillar No.	N	E
	(P1)	25° - 32' - 08.57"	78° - 40' - 38.79"
	P2	25° - 32' - 01.39"	78° - 40' - 41.41"
	P3	25° - 31' - 59.15"	78° - 40' - 43.68"
	P4	25° - 31' - 58.15"	78° - 40' - 42.58"
	P5	25° - 31' - 55.88"	78° - 40' - 42.28"
	P6	25° - 31' - 51.85"	78° - 40' - 38.83"
	P7	25° - 31' - 47.43"	78° - 40' - 31.47"

	P8	25 <sup>o</sup> - 31'- 43.99"	78 <sup>o</sup> - 40'- 15.10"
	P9	25 <sup>o</sup> - 31'- 15.13"	78 <sup>o</sup> - 40'- 02.39"
	P10	25 <sup>o</sup> - 31'- 19.01"	78 <sup>o</sup> - 39'- 54.07"
14. Total Geological Reserves	4896330 ton		
15. Total Mineable Reserves	3051475 ton		
16. Total Proposed Production	3051475 ton		
17. Proposed Production/year	100000 ton per year		
18. Sanctioned Period of Mine lease	20 years upto 27.01.2014		
19. Production of mine/day	333 ton per day		
20. Method of Mining	It will be opencast semi-mechanized mine. A excavator shall be deployed as and when required for the exploitation of Diaspore & Pyrophyllite as well as removal of waste dump. During the course of mining, bench height will be kept 5.0 m. width of benches shall be kept 8.0m and slope of mining faces shall be kept 68 deg, maintaining overall pit slope 45 deg.		
21. No. of working days	300		
22. Working hours/day	8 hrs		
23. No. of workers	68		
24. No. of vehicles movement/day	18		
25. Type of Land	Govt./Non Forest Land		
26. Depth of Mining	25 m		
27. Nearest metalled road from site	50 m		
28. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Dust suppression	10.0 kld	
	Green belt	15.0 kld	
	Domestic	5.00 kld	
	Total	30.0 kld	
29. Name of QCI Accredited Consultant with QCI No period of validity.	Creative Enviro Services Ra 0071 23.10.2019		
30. Any litigation pending against the project or land in any court	No		
31. Details of 500 m Cluster Map & certificate verified by Mining Officer	Letter No-942/30-MMC/(2019-20) dated 31.08.2019		
32. Details of Lease Area in approved DSR	Give in DSR page No. 42		
33. Proposed CER cost	Project cost – 80.00 lakh CER – 1.60 lakh (2% of Total Cost)		
34. Proposed EMP cost	11.70 Lakh		
35. Length and breadth of Haul Road	1.5 km and 6m		
36. No. of trees to be planted	24000 Approx		

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-17**

**The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1 to these minutes.**

**18. Sand/Morrum Mining from Betwa Riverbed at Khand No.-24/9, Village- Chikasi, Tehsil-Sarila, District-Hamirpur, U.P., Lease Area-36.437 Ha, M/s Satyam Constructions. File No. 4437/Proposal No. SIA/UP/MIN/28562/2018**

The committee noted that the environmental clearance for the above proposal was issued by SEIAA, U.P. vide letter no. 526/PARYA/SEAC/4437/2018 dated 24/11/2018 for the lease area 36.437 ha and production capacity 7,28,640 m<sup>3</sup>/year. The project proponent through letter dated 11/07/2019 informed that at the time of demarcation of lease before execution of lease deed, officials of Revenue Department and DGM, UP noted that about 25 ha of sanctioned lease area comes under jurisdiction of District Jalaun and part of the same (Khand No. 24/9) i.e. 11.0 ha only remains to the District Hamirpur without any change in earlier site. On the recommendation of the report prepared by joint survey team, DM, Hamirpur has issued the revised letter of intent (LOI) dated 12/08/2018 in favour of M/s Satyam Construction with reduced area 11.0 ha and excavation of sand/morrum limiting to 2,19,970 m<sup>3</sup>/year. The matter was listed in SEAC meeting dated 12/07/2019 and recommended to amend the environmental clearance letter dated 24/11/2018.

The project proponent also informed that at the time of allotment of lease (pre-monsoon) the water channel was found to be towards north – west of the lease where for mining operation no river crossing was required. After the monsoon the river course has changed and will only be able to approach our mining area after crossing the water channel. The project proponent requested to amend the specific condition no. 22 of environmental clearance letter dated 24/11/2018 and allow the project proponent to construct temporary bridge for the transportation of minerals.

In view of above, the committee opined that the specific condition no. 22 mentioned in environmental clearance letter dated 24/11/2018 should be replace is as follows:

“If any alternative haulage route is being proposed across the river, the project proponent should ensure that the flow of the river is not obstructed due to mining operation and no stream should be diverted from the purpose of sand mining and prior permission for this route will be taken from the competent authority.”

Rest all the contents mentioned in the Environmental Clearance letter No. 526/PARYA/SEAC/4437/2018 dated 24/11/2018 shall remain unchanged.

**19. Expansion of Group Housing-6 at DA-1, High-tech City, District-Allahabad, U.P., M/s Pancham Realcon Pvt. Ltd. File No. 4929/Proposal No. SIA/UP/MIS/111215/2019**

The committee discussed the matter and directed to defer the matter due to lake of documents (certified compliance report). The matter shall be discussed after submission of certified compliance report in online prescribed portal.

**20. “Cement Grinding Unit” at Araj No.-469 MI & 470/1, Village-Dhauhan, Pargana-Sakteshgarh, Tehsil- Chunar, District- Mirzapur., U.P., M/s Uddyam Cement Pvt. Ltd.**

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

1. The environmental clearance is sought for “Cement Grinding Unit” at Araj No.-469MI & 470/1, Village-Dhauhan, Pargana-Sakteshgarh, Tehsil- Chunar, District- Mirzapur, U.P., M/s Uddyam Cement Pvt. Ltd.
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 41/Parya/SEAC/4184/2018, dated 15/05/2019 under the violation category as per MoEF&CC Notification dated 08/03/2018.

3. Public hearing in the matter was organized on 22/08/2019. Hard copy of the EIA report submitted by the project proponent on 23/09/2019 and the project online accepted by the SEIAA, U.P. on 27/09/2019.

4. Salient features of the project:

Name of Project	CEMENT GRINDING UNIT BY M/S UDDYAM CEMENT PVT. LTD.
Plant Location	Ararji No.-469Mi & 470/1, Village-Dhauhan, Pargana-Sakteshgarh, Tehsil-Chunar, District-Mirzapur, Uttar Pradesh
Land-use	Industrial
Project Proposal	Proposed capacity 600 ton per day (1,80,000 TPA)
Proposed Operation	Cementing Grinding Section and Packaging Section
Total Investment	Rs. 928.45 Lakhs
Investment for EMP	Capital cost - Rs. 18.58 Lakhs Recurring cost - Rs. 1.73 Lakhs
Budget for Peripheral Development	Rs. 9.23 Lakhs
Employment Potential	56 (Two Shift)
Water Requirement & Source	8 KLD from Bore Well
Land Details Type of Land	20230 sq m (5 Acres) land acquired. Post Conversion:- Industrial Prior to Conversion:- Agricultural Land
Topo Sheet No.	63K/16, 63O/4, 63L/13 & 63P/1
Latitude & Longitude	Latitude 25°3'58.02" N to 25°3'59.44" N, 25°3'56.19" N to 25°3'57.59" N Longitude 82°53'5.28" E to 82°53'5.83" E, 82°53'10.26" E to 82°53'10.86" E
Approach Road / Highway	NH-35 3.54 km NW SH-74 7.45 km NW
Nearest River & Water Body	River Ganga 5.81 km NW JhilJirgo 5.20 km SE Jirgo Nadi 5.42 km SE
Nearest City	Chunar 4.33 km NW
Nearest Railway Station	Chunar 4 km N
Nearest Airport	Lal Bahadur Shastri International Airport, Babatpur Varanasi – 64 km
Reserve Forest	Ban Imliya Reserve Forest 9.20 km SE Bajahur Reserve Forest 9.51 km SE
National Park/Sanctuary	NIL

5. Construction status of the project:

S. No	Description	Status
1	Site Grading / Leveling	Completed
2	Foundation	Completed
3	Factory Shed	Completed
4	Office and Labor Accommodation	Completed
5	Road Network	To be initiated
6	Green Periphery Plantation	Completed
7	Green Area Development	Under Progress
8	Plant and Machinery	Installed
9	Pollution Control Equipment	Installed

6. Land use details:

S. No	Description	Area (sq m)
1	Total Site Area	20230
2	Road / Circulation Outside Factory Shed Area	2025
3	Green Area	10990
4	Pond	15
5	Total Factory Shed Area	7200
6	Bifurcation of Factory Shed Area	
	• Transformer	37.5
	• Sub Station	40
	• DG set	40

	• Workshop	60
	• Lab & Computer Room	36
	• Admin Block	48
	• Security Room	26
	• Time Office Room	26
	• Labour Quarters (6 Nos)	216
	• Yard Area	525
	• Clinker Yard	225
	• Fly Ash Yard	180
	• Gypsum Yard	120
	• Cement Silo	60
	• Packaging Center	18.5
	• Plant and Machine Area	1014.05
	• Parking Area & Loading and Unloading	400
	• Weigh Bridge	15
	• Circulation Area	4637.95

7. Generated waste details:

❖ Liquid Waste:

- Domestic sewage of about 6.45 KLD will be generated for which septic tank with soak pit has been proposed. No industrial effluent will be generated from the unit, hence no requirement of ETP.

❖ Solid Waste:

- Only Municipal Solid Waste will be generated of about 17.8 kg per day will be generated out which 10.68 kg per day will be biodegradable which will be treated on-site to generate compost and balance 7.12 kg per day will be handed over to Nagar Palika Parishad of Chunar Town.

❖ Hazardous Waste:

- Used oil of about 10 liters per annum will be generated from DG Set (25 KVA) which will be handed over to authorized vendor of UPPCB.

8. Water requirement is about 8 KLD that would be will be sourced though 2 Nos. of existing bore well.

9. Total Electric connected Load and Maximum Demand for 600 TPD Cement plant has been estimated at 1100 KVA which will be supplied by UPPCL.

10. The project proposal falls under category-3(b) of EIA Notification, 2006 (as amended) and MOEF&CC Notification dated 08/03/2018 under violation project.

### **RESOLUTION AGAINST AGENDA NO-20**

**The committee discussed the matter in view of EIA Notification, 2006 (as amended) and also notification dated 08/03/2018 of MoEF&CC and recommended grant of environmental clearance under violation category for the project proposal along with following conditions :**

- I. The project proponent shall be submit a bank guarantee of Rs. 4.86 Lakhs equivalent to the amount of remediation plan and natural and community resource augmentation plan within 15 days to the SPCB. The bank guarantee shall be released after successful implementation of the EMP, and after the recommendations of the concerned Regional Office of the Ministry, the SEAC and approval of the regulatory authority.
- II. The State Govt./SPCB to take action against the project proponent under the provisions of section 19 of Environment Protection Act, 1986.
- III. Zero liquid discharge (ZLD) technology should be adopted and no effluent will be discharged outside the premises.
- IV. Statutory compliance:
  - i. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose

- involved in the project.
- ii. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
  - iii. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area).
  - iv. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/Committee.
  - v. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
  - vi. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
- V. Air quality monitoring and preservation
- i. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R. No. 612 (E) dated 25<sup>th</sup> August, 2014 (Cement) and subsequent amendment dated 9<sup>th</sup> May, 2016 (Cement) and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
  - ii. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986.
  - iii. The project proponent shall install system carryout to Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM<sub>10</sub> and PM<sub>2.5</sub> in reference to PM emission, SO<sub>2</sub> and NO<sub>x</sub> in reference to SO<sub>2</sub> and NO<sub>x</sub> emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions . (case to case basis small plants: Manual; Large plants: Continuous).
  - iv. The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality /fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six- monthly monitoring report.
  - v. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.
  - vi. The project proponent shall provide leakage detection and mechanised bag cleaning facilities for better maintenance of bags.
  - vii. Pollution control system in the cement plant shall be provided as per the CREP Guidelines of CPCB.
  - viii. Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.
  - ix. Ensure covered transportation and conveying of raw material to prevent spillage and dust

- generation; Use closed bulkers for carrying fly ash.
- x. Provide wind shelter fence and chemical spraying on the raw material stock piles.
  - xi. Have separate truck parking area and monitor vehicular emissions at regular interval.
  - xii. Efforts shall be made to reduce impact of the transport of the raw materials and end products on the surrounding environment including agricultural land by the use of covered conveyor belts/railways as a mode of transport.
  - xiii. Ventilation system shall be designed for adequate air changes as per ACGIH document for all tunnels, motor houses, cement bagging plants
- VI. Water quality monitoring and preservation:
- i. The project proponent shall install effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R. No. 612 (E) dated 25th August, 2014 (Cement) and subsequent amendment dated 9th May, 2016 (Cement) and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories. (Case to case basis small plants: Manual; Large plants: Continuous).
  - ii. The project proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers /sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.
  - iii. The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
  - iv. Adhere to Zero Liquid Discharge.
  - v. Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.
  - vi. Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off
  - vii. The project proponent shall practice rainwater harvesting to maximum possible extent.
  - viii. Water meters shall be provided at the inlet to all unit processes in the cement plant.
  - ix. The project proponent shall make efforts to minimize water consumption in the cement plant complex by segregation of used water, practicing cascade use and by recycling treated water.
- VII. Noise monitoring and prevention
- i. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
  - ii. The ambient noise levels should conform to the standards prescribed under E(P)A Rules , 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.
- VIII. Energy Conservation measures
- i. Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly.
  - ii. Provide the project proponent for LED lights in their offices and residential areas.
  - iii. Maximize utilization of fly ash, slag and sweetener in cement blend as per BIS standards.
- IX. Waste management

- i. The waste oil, grease and other hazardous shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.
  - ii. Kitchen waste shall be composted or converted to biogas for further use. (to be decided on case to case basis depending on type and size of plant).
- X. Green Belt
  - i. Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant
  - ii. The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.
- XI. Public hearing and Human health issues
  - i. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
  - ii. The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
  - iii. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
  - iv. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
- XII. Corporate Environment Responsibility
  - i. Corporate Environmental Responsibility (CER) plan with minimum Rs. 18.56 Crore shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted.
  - ii. The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements /deviation/violation of the environmental / forest /wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and shareholders I stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
  - iii. A separate Environmental Cell both at the project and company head quarter level , with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.
  - iv. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry /Regional Office along with the Six Monthly Compliance Report.
  - v. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
  - vi. All the recommendations made in the Charter on Corporate Responsibility for Environment



Protection (CREP) for the cement plants shall be implemented.

**XIII. Miscellaneous**

- i. Under CER activity as committed ambulance for handicapped, equipped with medical facilities may be provided.
- ii. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
- iii. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
- iv. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
- v. The project proponent shall monitor the criteria pollutants level namely; PM<sub>10</sub>, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
- vi. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
- vii. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- viii. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
- ix. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- x. ii. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
- xi. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- xii. Concealing factual data or submission of false /fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- xiii. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xiv. The Ministry reserves the right to stipulate additional conditions if found necessary.
- xv. The Company in a time bound manner shall implement these conditions.
- xvi. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions.

The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring g reports.

- xvii. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules , 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
- xviii. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

**(Dr. Arvind Mathur)**  
**Member**

**(Dr. Virendra Misra)**  
**Member**

**(Dr. Pramod Kumar Mishra)**  
**Member**

**(Dr. Richhpal Singh Sangu)**  
**Member**

**(Dr. Ranjeet Kumar Dalela)**  
**Member**

**(Dr. Ajoy Kumar Mandal)**  
**Member**

**(Shri Meraj Uddin)**  
**Member**

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

**Terms of Reference for the Mining Project**

- 1) Project proponent should bring KML file at the time of EIA presentation.
- 2) Year-wise production details since 1994 should be given, clearly stating the highest production achieved in any one year prior to 1994. It may also be categorically informed whether there had been any increase in production after the EIA Notification 1994 came into force, w.r.t. the highest production achieved prior to 1994.
- 3) A copy of the document in support of the fact that the proponent is the rightful lessee of the mine should be given.
- 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 levels, waste generation and its management, mining technology etc. and should be in the name of the lessee.
- 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) All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/ toposheet, topographic sheet, geomorphology and geology of the area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
- 8) Information should be provided in Survey of India Toposheet in 1:50,000 scale indicating geological map of the area, geomorphology of land forms of the area, existing minerals and mining history of the area, important water bodies, streams and rivers and soil characteristics.
- 9) Details about the land proposed for mining activities should be given with information as to whether mining conforms to the land use policy of the State; land diversion for mining should have approval from State land use board or the concerned authority.
- 10) It should be clearly stated whether the proponent Company has a well laid down Environment Policy approved by its Board of Directors? If so, it may be spelt out in the EIA Report with description of the prescribed operating process/procedures to bring into focus any infringement/deviation/ violation of the environmental or forest norms/ conditions? The hierarchical system or administrative order of the Company to deal with the environmental issues and for ensuring compliance with the EC conditions may also be given. The system of reporting of non-compliances / violations of environmental norms to the Board of Directors of the Company and/or shareholders or stakeholders at large, may also be detailed in the EIA Report.
- 11) Issues relating to Mine Safety, including subsidence study in case of underground mining and slope study in case of open cast mining, blasting study etc. should be detailed. The proposed safeguard measures in each case should also be provided.
- 12) The study area will comprise of 10 km zone around the mine lease from lease periphery and the data contained in the EIA such as waste generation etc. should be for the life of the mine / lease period.
- 13) Certificate from Mining Officer that there is no other mining area exit within 500 m periphery.
- 14) CER cost to be calculated for individual lease.
- 15) An intimation regarding conducting the monitoring to be sent to concerned District Magistrate/State Pollution Control Board office/SEIAA.
- 16) All pages of technical documents/EIA/EMP etc. should be signed by the consultant and project

- proponent both.
- 17) 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.
  - 18) MOU signed between the project proponent and the consultant should be submitted.
  - 19) The lab conducting the analysis should be authenticated and registered.
  - 20) Public hearing to be conducted as per EIA Notification, 2006.
  - 21) A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
  - 22) Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary, national park, migratory routes of fauna, water bodies, human settlements and other ecological features should be indicated. Land use plan of the mine lease area should be prepared to encompass preoperational, operational and post operational phases and submitted. Impact, if any, of change of land use should be given.
  - 23) Details of the land for any Over Burden Dumps outside the mine lease, such as extent of land area, distance from mine lease, its land use, R&R issues, if any, should be given.
  - 24) A Certificate from the Competent Authority in the State Forest Department should be provided, confirming the involvement of forest land, if any, in the project area. In the event of any contrary claim by the Project Proponent regarding the status of forests, the site may be inspected by the State Forest Department along with the Regional Office of the Ministry to ascertain the status of forests, based on which, the Certificate in this regard as mentioned above be issued. In all such cases, it would be desirable for representative of the State Forest Department to assist the Expert Appraisal Committees.
  - 25) Status of forestry clearance for the broken up area and virgin forestland involved in the Project including deposition of net present value (NPV) and compensatory afforestation (CA) should be indicated. A copy of the forestry clearance should also be furnished.
  - 26) Implementation status of recognition of forest rights under the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 should be indicated.
  - 27) The vegetation in the RF / PF areas in the study area, with necessary details, should be given.
  - 28) A study shall be got done to ascertain the impact of the Mining Project on wildlife of the study area and details furnished. Impact of the project on the wildlife in the surrounding and any other protected area and accordingly, detailed mitigative measures required, should be worked out with cost implications and submitted.
  - 29) Location of National Parks, Sanctuaries, Biosphere Reserves, Wildlife Corridors, Ramsar site Tiger/ Elephant Reserves/(existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated, supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above, should be obtained from the Standing Committee of National Board of Wildlife and copy furnished.
  - 30) A detailed biological study of the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out. Details of flora and fauna, endangered, endemic and RET Species duly authenticated, separately for core and buffer zone should be furnished based on such primary field survey, clearly indicating the Schedule of the fauna present. In case of any scheduled- I fauna found in the study area, the necessary plan alongwith budgetary provisions for their conservation should be prepared in consultation with State Forest and Wildlife Department and details furnished. Necessary allocation of funds for implementing the same should be made as part of the project cost.

- 31) Proximity to Areas declared as 'Critically Polluted' or the Project areas likely to come under the 'Aravali Range', (attracting court restrictions for mining operations), should also be indicated and where so required, clearance certifications from the prescribed Authorities, such as the SPCB or State Mining Department should be secured and furnished to the effect that the proposed mining activities could be considered.
- 32) Similarly, for coastal Projects, A CRZ map duly authenticated by one of the authorized agencies demarcating LTL, HTL, CRZ area, location of the mine lease w.r.t CRZ, coastal features such as mangroves, if any, should be furnished. (Note: The Mining Projects falling under CRZ would also need to obtain approval of the concerned Coastal Zone Management Authority).
- 33) R&R Plan/compensation details for the Project Affected People (PAP) should be furnished. While preparing the R&R Plan, the relevant State/National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs /STs and other weaker sections of the society in the study area, a need based sample survey, family-wise, should be undertaken to assess their requirements, and action programmes prepared and submitted accordingly, integrating the sectoral programmes of line departments of the State Government. It may be clearly brought out whether the village(s) located in the mine lease area will be shifted or not. The issues relating to shifting of village(s) including their R&R and socio-economic aspects should be discussed in the Report.
- 34) One season (non-monsoon) [i.e. March-May (Summer Season); October-December (post monsoon season) ; December-February (winter season)] primary baseline data on ambient air quality as per CPCB Notification of 2009, water quality, noise level, soil and flora and fauna shall be collected and the AAQ and other data so compiled presented date-wise in the EIA and EMP Report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be such as to represent whole of the study area and justified keeping in view the pre-dominant downwind direction and location of sensitive receptors. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM10, particularly for free silica, should be given.
- 35) 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 vehicles 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 roses showing pre-dominant wind direction may also be indicated on the map.
- 36) The water requirement for the Project, its availability and source should be furnished. A detailed water balance should also be provided. Fresh water requirement for the Project should be indicated.
- 37) Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.
- 38) Description of water conservation measures proposed to be adopted in the Project should be given. Details of rainwater harvesting proposed in the Project, if any, should be provided.
- 39) 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.
- 40) 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. The Report inter-alia, shall include details of the aquifers present and impact of mining activities on these aquifers. Necessary permission from Central Ground Water Authority for working below ground

water and for pumping of ground water should also be obtained and copy furnished.

- 41) Details of any stream, seasonal or otherwise, passing through the lease area and modification / diversion proposed, if any, and the impact of the same on the hydrology should be brought out.
- 42) Information on site elevation, working depth, groundwater table etc. Should be provided both in AMSL and bgl. A schematic diagram may also be provided for the same.
- 43) A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the Project. Phase-wise plan of plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given. The plant species selected for green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species which are tolerant to pollution.
- 44) 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 incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered. Project Proponent shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.
- 45) Details of the onsite shelter and facilities to be provided to the mine workers should be included in the EIA Report.
- 46) Conceptual post mining land use and Reclamation and Restoration of mined out areas (with plans and with adequate number of sections) should be given in the EIA report.
- 47) Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out in detail. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. The project specific occupational health mitigation measures with required facilities proposed in the mining area may be detailed.
- 48) Public health implications of the Project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary allocations.
- 49) Measures of socio economic significance and influence to the local community proposed to be provided by the Project Proponent should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation.
- 50) Detailed environmental management plan (EMP) to mitigate the environmental impacts which, should inter-alia include the impacts of change of land use, loss of agricultural and grazing land, if any, occupational health impacts besides other impacts specific to the proposed Project.
- 51) Public Hearing points raised and commitment of the Project Proponent on the same along with time bound Action Plan with budgetary provisions to implement the same should be provided and also incorporated in the final EIA/EMP Report of the Project.
- 52) Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
- 53) The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
- 54) A Disaster management Plan shall be prepared and included in the EIA/EMP Report.
- 55) Benefits of the Project if the Project is implemented should be spelt out. The benefits of the Project

shall clearly indicate environmental, social, economic, employment potential, etc.

- 56) 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.
- 57) Consultant should bring raw data at the time of presentation.
- 58) In surface water quality aquatic study of phytoplankton and zooplankton.
- 59) The baseline data should be signed by NABL/MoEF&CC accredited analyst.
- 60) The meteorological data should be site specific.
- 61) Details of Kachcha haul road to be made motorable. Plan should be submitted.
- 62) Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
- 63) Besides the above, the below mentioned general points are also to be followed:-
  - a) Executive Summary of the EIA/EMP Report
  - b) All documents to be properly referenced with index and continuous page numbering.
  - c) Where data are presented in the Report especially in Tables, the period in which the data were collected and the sources should be indicated.
  - d) Project Proponent shall enclose all the analysis/testing reports of water, air, soil, noise etc. using the MoEF&CC/NABL accredited laboratories. All the original analysis/testing reports should be available during appraisal of the Project.
  - e) Where the documents provided are in a language other than English, an English translation should be provided.
  - f) The Questionnaire for environmental appraisal of mining projects as devised earlier by the Ministry shall also be filled and submitted.
  - g) While preparing the EIA report, the instructions for the Proponents and instructions for the Consultants issued by MoEF&CC vide O.M. No. J-11013/41/2006-IA.II(I) dated 4th August, 2009, which are available on the website of this Ministry, should be followed.
  - h) Changes, if any made in the basic scope and project parameters (as submitted in Form-I and the PFR for securing the TOR) should be brought to the attention of MoEF&CC with reasons for such changes and permission should be sought, as the TOR may also have to be altered. Post Public Hearing changes in structure and content of the draft EIA/EMP (other than modifications arising out of the P.H. process) will entail conducting the PH again with the revised documentation.
  - i) As per the circular no. J-11011/618/2010-IA.II(I) dated 30.5.2012, certified report of the status of compliance of the conditions stipulated in the environment clearance for the existing operations of the project, should be obtained from the Regional Office of Ministry of Environment, Forest and Climate Change, as may be applicable.
  - j) The EIA report should also include: (i) surface plan of the area indicating contours of main topographic features, drainage and mining area, (ii) geological maps and sections and (iii) sections of the mine pit and external dumps, if any, clearly showing the land features of the adjoining area.