

Minutes of 452nd SEAC Meeting Dated 05/02/2020

The 452nd meeting of SEAC was held in Directorate of Environment, U.P. 05/02/2020 following members were present in the SEAC:

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| 1. | Dr. (Prof.) S.N. Singh, | Chairman |
| 2. | Dr. Sarita Sinha, | Member |
| 3. | Dr. Virendra Misra, | Member |
| 4. | Dr. Pramod Kumar Mishra, | Member |
| 5. | Dr. Ranjeet Kumar Dalela, | Member |
| 6. | Dr. Ajoy Kumar Mandal, | Member |
| 7. | Shri Meraj Uddin, | Member |

The Chairman welcomed the members to the 452nd SEAC meeting.

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

1. Building Stone, Gitti & Boulder Mining at Gata No.-735, Khanda No.-01, Village-Daharra, District-Mahoba, U.P., (Leased Area-0.959 ha), M/s H.S.M. Holdings. File No. 4680/Proposal No. SIA/UP/MIN/30573/2019

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

1. The environmental clearance is sought for Building Stone, Gitti & Boulder Mining at Gata No.-735, Khanda No.-01, Village-Daharra, District-Mahoba, U.P., (Leased Area-0.959 ha), M/s H.S.M. Holdings.
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter 27/05/2019.
3. The public hearing was organized on 18/09/2019. Final EIA report submitted on 03/01/2020.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/30573/2019
2. File No. allotted by SEIAA, UP	4680
3. Name of Proponent	M/s H. S. M Holdings Proprietor- Shri Sourabh Purohit
4. Full correspondence address of proponent and mobile no.	M/s H. S. M Holdings Proprietor- Shri Sourabh Purohit S/o Shri Govind Purohit, R/o Ward No. 13, Nehru Ward, Tehsil- Pipariya, District- Hoshangabad M.P.
5. Name of Project	Building Stone, Khanda, Gitti & Boulder Mining
6. Project location (Plot/Khasra/Gata No.)	Gata No. 735, Khand No. 01
7. Name of River	It is a stone excavation project.
8. Name of Village	Daharra
9. Tehsil	Mahoba
10. District	Mahoba
11. Name of Minor Mineral	Building Stone, Khanda, Gitti & Boulder Mining
12. Sanctioned Lease Area (in ha)	0.959 ha
13. Mineable Area (in ha)	0.959 ha
14. Zero level mRL	Project is free from any river, water reservoir or any of ponds

	etc.		
15. Max. & Min mRL within lease area	170 mRL and 158 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°20'20.51"N	79°58'23.74"E
	B	25°20'18.78"N	79°58'27.82"E
	C	25°20'16.71"N	79°58'29.38"E
	D	25°20'18.60"N	79°58'22.38"E
17. Total Geological Reserves	4,51,540.5 m³		
18. Total Mineable Reserves in LOI	9,590 m³/year		
19. Total Proposed Production	9,590 m³/year (47,950 m³ in 05 years)		
20. Proposed Production/year	9,590 m³		
21. Sanctioned Period of Mine lease	20 years		
22. Production of mine/day	34.87 m³/day		
23. Method of Mining	Open Cast Semi-mechanized		
24. No. of working days	275 days		
25. Working hours/day	8 hours		
26. No. Of workers	Approximately 55 labours		
27. No. Of vehicles movement/day	1 units		
28. Type of Land	Government land (Non – Agricultural, Rocky, Waste Upland.)		
29. Ultimate Depth of Mining	12 m		
30. Nearest metallad road from site	NH 76 (Kanpur- Sagar Road) 2.0 km*(W)		
31. Water Requirement	PURPOSE		REQUIREMENT (KLD)
	Drinking water		0.554
	Suppression of dust		1.820
	Plantation		0.012
	Total		2.39KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1821/SA 102 and Valid till 25/02/2021.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMO Mahoba Letter No.2534/ M-M-C- 30/2019-20 dated 17/12/2019		
35. Details of Lease Area in approved DSR	Serial No. 32 / Page No.-85		
36. Proposed CER cost	2% of total project cost i.e. Rs.9,15,821/-		
37. Proposed EMP cost/ Total Project Cost	Rs 16,53,125/- & 4,57,91,025/-		
38. Length and Width of Haul Road	0.13 km Length and 7 m width		
39. No. of Trees to be Planted	24		

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

RESOLUTION AGAINST AGENDA NO-01

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure-3 to these minutes.

2. Sand/Morrum Mining along Yamuna River Bed in Gata No.- 553, 554, at Village- Issapur Khurgan, Tehsil-Kairana, District-Shamli., M/s Devansh Infra,Area-3.96 Ha. File No. 4661/Proposal No. SIA/UP/MIN/30986/2019

RESOLUTION AGAINST AGENDA NO-02

The Secretariat informed the committee that the project proponent submitted a letter dated 04/02/2020 through which they have informed that approx. 80-90% of the mining lease area is in-stream of the river and as per SSMMG rules, 2016, the in-stream mining is prohibited. The project proponent requested to form a subcommittee for spot verification/site inspection of the project site.

The committee discussed the letter dated 04/02/2020 submitted by the project proponent and decided that a letter should be sent to District Magistrate, Shamli and District Mining Officer, Shamli for providing the factual report of the leased area. The copy of the letter should also be sent to Director, Geology and Mining Department, Lucknow for necessary action.

The matter shall be discussed after receipt of factual report of the leased area.

3. Building Stone (Khanda, Gitti & Boulder) Mine at Gata No.-93, Khand No.-34, Village-Bari, District-Mahoba, U.P., (Lesaed Area-1.012 ha.). File No. 5379/4857/Proposal No. SIA/UP/MIN/49512/2019

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

1. The environmental clearance is sought for Building Stone (Khanda, Gitti & Boulder) Mine at Gata No.- 93, Khand No.-34, Village-Bari, District-Mahoba, U.P., (Lesaed Area-1.012 ha.).
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter 21/08/2019.
3. The public hearing was organized on 15/11/2019. Final EIA report submitted on 11/01/2020.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/49512/2019		
2. File No. allotted by SEIAA, UP	5379		
3. Name of Proponent	Shri Pranjal Agrawal Proprietor- Shri Pranjal Agrawal		
4. Full correspondence address of proponent and mobile no.	Shri Pranjal Agrawal Proprietor- Shri Pranjal Agrawal S/o Shri Pradeep Agrawal R/o H No. 339/1, D.M. colony, civil lines, District- Banda, U.P.		
5. Name of Project	Building Stone, Khanda, Gitti & Boulder Mining		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 93, Khand No. 34		
7. Name of River	It is a stone excavation project.		
8. Name of Village	Bari		
9. Tehsil	Mahoba		
10. District	Mahoba		
11. Name of Minor Mineral	Building Stone, Khanda, Gitti & Boulder Mining		
12. Sanctioned Lease Area (in ha)	1.012 ha (as per LOI)		
13. Mineable Area (in ha)	1.012 ha		
14. Zero level mRL	Project is free from any river, water reservoir or any of ponds etc.		
15. Max. & Min mrl within lease area	158 mRL and 155 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°25'4.00"N	79°54'35.59"E

	B	25°25'8.51"N	79°54'35.16"E	
	C	25°25'8.48"N	79°54'33.59"E	
	D	25°25'6.33"N	79°54'33.10"E	
	E	25°25'4.44"N	79°54'31.67"E	
	F	25°25'3.68"N	79°54'31.58"E	
17. Total Geological Reserves	3,81,003 m ³			
18. Total Mineable Reserves in LOI	10,120 m ³ /year (as per approved mine plan)			
19. Total Proposed Production	10,120 m ³ /year (50,600 m ³ in 05 years)			
20. Proposed Production/year	10,120 m ³ (as per approved mine plan)			
21. Sanctioned Period of Mine lease	20 years			
22. Production of mine/day	36.8 m ³ /day			
23. Method of Mining	Open Cast Semi- mechanized			
24. No. of working days	275 days			
25. Working hours/day	8 hours			
26. No. Of workers	Approximately 55 labours			
27. No. Of vehicles movement/day	1 units			
28. Type of Land	Government land (Non – Agricultural, Rocky, Waste Upland.)			
29. Ultimate Depth of Mining	12.0 m			
30. Nearest metallad road from site	NH 76 (Jhansi – Banda) -8.6 km*(SE)			
31. Water Requirement	PURPOSE		REQUIREMENT (KLD)	
	Drinking		0.55	
	Suppression of dust		7.2	
	Plantation		0.013	
	Others (if any)		-	
	Total		7.763 KLD	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1821/SA 102 and Valid till 25/02/2021.			
33. Any litigation pending against the project or land in any court	None			
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMO Mahoba Letter No.2683/M-M-C-30/2019-20 dated 06/01/2020			
35. Details of Lease Area in approved DSR	Serial No. / Page No.- 169/ 101			
36. Proposed CER cost	2% of total project cost i.e. Rs.9,30,872/-			
37. Proposed EMP cost/ Total Project Cost	Rs 23,95,109/- & 4,65,43,609/-			
38. Length and Width of Haul Road	0.60 km Length and 7 m width			
39. No. of Trees to be Planted	25			

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

RESOLUTION AGAINST AGENDA NO-03

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure-3 to these minutes.

4. Sand/Morrum Mining from Yamuna River bed at Khand No.-8/3, 8/4, Village-Rushai, Saidpur, Tehsil-Chail, District-Kaushambi, U.P., (Leased Area : 24.28 Ha.), M/s Sagar Brick Field. File No. 5382/4559/Proposal No. SIA/UP/MIN/46460/2018

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/Morrum Mining from Yamuna River bed at Khand No.-8/3, 8/4, Village-Rushai, Saidpur, Tehsil-Chail, District-Kaushambi, U.P., (Leased Area : 24.28 Ha.), M/s Sagar Brick Field.
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 669/Parya/SEAC/4559/2017 dated 06/02/2019.
3. The public hearing was organized on 06/06/2019. Final EIA report submitted on 31/01/2020.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/46460/2019		
2. File No. allotted by SEIAA, UP	5382/4559		
3. Name of Proponent	Shri Sanjay Kumar S/o Late Jagat Narayan		
4. Full correspondence address of proponent and mobile no.	Shri Sanjay Kumar S/o Late Jagat Narayan R/o: Mahmoodpur, Manauri, Tehsil- Chail, District – Kaushambi, Uttar Pradesh.		
5. Name of Project	M/s Sagar Brick Field.		
6. Project location (Khand No.)	8/3 and 8/4		
7. Name of River	Yamuna		
8. Name of Village	Rushai Saidpur		
9. Tehsil	Chail		
10. District	Kaushambi		
11. Name of Minor Mineral	Sand/Morrum mining		
12. Sanctioned Lease Area (in ha)	24.28 ha (60 acres)		
13. Submerged Area	Nil		
14. Workable Area	24.28 ha		
15. Zero level mRL	79.00 mRL		
16. Max. & Min mRL within lease area	The highest level of area is 87.50 mRL The lowest level is 84.25 mRL		
17. Pillar Coordinates (Verified by DMO)	Pillar No	Latitude	Longitude
	A	25 ⁰ 19.671' N	81 ⁰ 35.374' E
	A ₁	25 ⁰ 19.922' N	81 ⁰ 35.649' E
	A ₂	25 ⁰ 20.159' N	81 ⁰ 35.990' E
	B	25 ⁰ 20.388' N	81 ⁰ 36.308' E
	C	25 ⁰ 20.214' N	81 ⁰ 36.349' E
	C ₁	25 ⁰ 20.060' N	81 ⁰ 36.068' E
	C ₂	25 ⁰ 19.844' N	81 ⁰ 35.707' E
	D	25 ⁰ 19.562' N	81 ⁰ 35.427' E
18. Total Geological Reserves	9,71,200 m ³		
19. Total Mineable Reserves	5,80,720 m ³		
20. Total Proposed Production	18,00,000 m ³ (5 Year)		
21. Proposed Production/year as per LoI	3,60,000 m ³ /year		
22. Sanctioned Period of Mine lease	5 years		
23. Production of mine/day	1,440 m ³		
24. Method of Mining	Opencast Semi-mechanized		
25. No. of working days	250		
26. Working hours/day	8 hrs		
27. No. of workers	42		
28. No. of vehicles movement/day	120		

29. Type of Land	Govt./Non Forest Land	
30. Ultimate Depth of Mining	3.0 m	
31. Nearest metalled road from site	2.0 Km	
32. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.42 KLD @ 10 LPCD
	Suppression of dust	12.0 KLD @for 1.00 km (2 time a day) 1.0 lit in 1 sqm.
	Plantation	0.521 KLD @ 1 lit/plant (120+10=130)
	Total	12.94 KLD
33. Name of QCI Accredited Consultant with QCI No period of validity.	Paramarsh (Servicing Environment and Development) 116 01.05.2021	
34. Any litigation pending against the project or land in any court	No	
35. Details of 500 m Cluster Map & certificate verified by Mining Officer	Letter No-1503/Khanan Sahayak Kaushambi dated 23.01.2020	
36. Details of Lease Area in approved DSR	Page No- 05 Table No- 8	
37. Proposed CER cost	Project Cost : 1.01 Crore/annum CER : 2.02 lacs/annum (2% of Project Cost)	
38. Proposed EMP cost	Capital Cost : 13.28 lacs Recurring Cost : 2.00 lacs/annum	
39. Length and breadth of Haul Road	1.0 km and 6 m	
40. No. of trees to be planted	521	

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

RESOLUTION AGAINST AGENDA NO-04

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure 1 & 2 to these minutes regarding mining project. The committee also stipulated following specific conditions:

1. Environment management in according to environmental status and impact of the project.
2. Selection of plants for green belt should be on the basis of pollution removal index.
3. No mining activity should be carried out in-stream channel as per SSMMG, 2016.
4. Pakka motorable haul road to be maintained by the project proponent.
5. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
6. Permission from the competent authority regarding evacuation route should be taken.
7. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
8. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
9. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
10. Provision for cylinder to workers should be made for cooking.

11. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
12. Provide suitable mask to the workers.
13. Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
14. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
15. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
16. Provision for two toilets and hand pumps should be made at mining site.
17. Drinking water for workers would be provided by tankers.
18. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
19. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
20. Corporate Environmental Responsibility (CER) plan with minimum Rs. 2.2 Lakh/annum shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development Officers, Kaushambi, U.P.
21. Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
22. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
23. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
24. Width of the haul road shall be more than 6 meter.
25. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

5. Sand/Morrum Mining from Yamuna Riverbed at Gata No.- 21/21, 47/9, 58/27, 54/2, 53/2, 52/2, Vill.-Pailani,Pailani,Banda., M/s A.V. Mining and Company, Area-18.0 Ha. File No. 4917/Proposal No. SIA/UP/MIN/38718/2019

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

1. The shape of the lease area and coordinates is not properly mentioned in presentation/documents.
2. The corrected geo coordinates should clearly mentioned in form-1, mining plan & khasra map.

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

6. **Sand/Morrum Mining at Khasra No.-177,178Mi,176,160, 159A,162, 161,158,157Mi, 156,155, 163Mi, 154,148,146, 147,145,144,143, 138,142, 141, 139Mi, 140Mi, 129, Vill.-Gadhiwa Majhigawan, Khaga, Fatehpur.,Area: 34.00 ha. File No. 4235/Proposal No. SIA/UP/MIN/25595/2018**

RESOLUTION AGAINST AGENDA NO-06

The committee discussed the matter and observed that there is a gata mismatch between DSR and LoI submitted by the project proponent. The committee directed the project proponent to submit corrected documents of DSR and LoI. The committee also directed the project proponent to submit revised EMP.

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

7. **Sand/Morrum Mining from Yamuna River Bed at Gata No.-220, Village-Raipur Khadar, Tehsil-Dadri,Gautam Buddha Nagar,M/s Balaji Enterprises,Area: 58.969 ha. File No. 4646/Proposal No. SIA/UP/MIN/30852/2019**

RESOLUTION AGAINST AGENDA NO-07

The committee discussed the matter and observed that there is an area mismatch between DSR and LoI submitted by the project proponent. The committee directed the project proponent to submit corrected documents of DSR and LoI.

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

8. **Sand/Morrum Mining at Gata No.-2/4, 2/23, 2/24, 2/28, Khanda No.-02, at Village-Benda Khadar, Tehsil & District-Banda, U.P. (Leased Area-21.0 ha), M/s Sai Ent Udhyog. File No. 4847/Proposal No. SIA/UP/MIN/36738/2019**

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

1. The environmental clearance is sought for Sand/Morrum Mining at Gata No.-2/4, 2/23, 2/24, 2/28, Khanda No.-02, at Village-Benda Khadar, Tehsil & District-Banda, U.P. (Leased Area-21.0 ha), M/s Sai Ent Udhyog.
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 229/Parya/SEAC/4847/2019 dated 21/08/2019.
3. The public hearing was organized on 17/12/2019. Final EIA report submitted on 23/01/2020.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/36738/2019
2. File No. allotted by SEIAA, UP	4847
3. Name of Proponent	Smt. Geeta Sharma W/o Shri Girraj Kumar Sharma
4. Full correspondence address of proponent and mobile no.	M/s Sai Ent Udhyog R/o- Badfara Road Ambah Distrc-Muraina (M.P.) Pin Code-476111
5. Name of Project	Sand/Morrum Mining Project
6. Project location (Plot/Khasra/Gata No. / khand No.)	Gata No. 2/4, 2/23, 2/24, 2/28, (Khand No.02)
7. Name of River	River Yamuna
8. Name of Village	Benda Khadar

9. Tehsil	Banda		
10. District	Banda (U.P)		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in Ha.)	21.0 Ha.		
13. Mineable Area (in Ha.)	21.0 Ha.		
14. Zero level mRL	88.0 mRL		
15. Max. & Min mrl within lease area	Maximum mRL 92.90 mRL Minimum mrl 89.20 mRL		
16. Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude
	A	25° 42.239'N	80° 37.453'E
	B	25° 42.313'N	80° 37.044'E
	C	25° 42.485'N	80° 37.084'E
	C1	25° 42.462'N	80° 37.171'E
	C2	25° 42.428'N	80° 37.249'E
	C3	25° 42.398'N	80° 37.328'E
	C4	25° 42.385'N	80° 37.413'E
	D	25° 42.384'N	80° 37.492'E
17. Total Geological Reserves	9,33,515 m ³		
18. Total Mineable Reserves in LOI	4,20,000 m ³ per year in LOI		
19. Total Proposed Production (in five year)	2100000 m ³		
20. Proposed Production/year	4,20,000 m ³ per year		
21. Sanctioned Period of Mine lease	5 Year		
22. Production of mine/day	1680 m ³ /day		
23. Method of Mining	Open cast, Manual, Semi- Mechanized		
24. No. of working days	250		
25. Working hours/day	8 hours/day		
26. No. Of workers	Approximately 90 workers		
27. No. Of vehicles movement/day	Approximately 50 - 60 Vehicles movement/day		
28. Type of Land	Government Land		
29. Ultimate Depth of Mining	3.0 m		
30. Nearest metalled road from site	SH-13 at 2.50 km towards West direction		
31. Water Requirement	PURPOSE		REQUIREMENT (KLD)
	Drinking		1.00 KLD
	Suppression of dust		8.40 KLD
	Plantation		0.76 KLD
	Others (if any)		-
	Total		10.16 KLD (Approx. 10 KLD)
32. Name of QCI Accredited Consultant with QCI No And period of validity.	Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/EIA/1619/IA 0019 and valid up to December 29,2019		
33. Any litigation pending against the project or land in any court	NO		
34. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 1194/ Khanij -30 dated. 26/06/2019		
35. Details of Lease Area in approved DSR	शुद्धि पत्र पत्रांक- 12/पर्याप्त सचिव बाँदा दिनांक: 28/ 02/2019, Sr. No.- 2		
36. Proposed CER cost	Rs. 2948400/- (2% of the total Project cost)		
37. Proposed EMP cost / Total Project cost	Rs. 147420000/-		
38. Length and breadth of Haul Road	700 m length and 6 m width		
39. No. of Trees to be Planted	126		

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

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

RESOLUTION AGAINST AGENDA NO-08

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure 1 & 2 to these minutes regarding mining project. The committee also stipulated following specific conditions:

1. Environment management in according to environmental status and impact of the project.
2. Selection of plants for green belt should be on the basis of pollution removal index.
3. No mining activity should be carried out in-stream channel as per SSMMG, 2016.
4. Pakka motorable haul road to be maintained by the project proponent.
5. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
6. Permission from the competent authority regarding evacuation route should be taken.
7. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
8. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
9. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
10. Provision for cylinder to workers should be made for cooking.
11. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
12. Provide suitable mask to the workers.
13. Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
14. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
15. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
16. Provision for two toilets and hand pumps should be made at mining site.
17. Drinking water for workers would be provided by tankers.
18. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
19. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
20. Corporate Environmental Responsibility (CER) plan with minimum Rs. 29,48,400/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development Officers, Banda, U.P.

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

9. Sand/Morrum Mining at Gata No.-2/4, 2/23, 2/24 & 2/28, Khand No.-01, Village-Benda Khadar, Tehsil & District-Banda, U.P., (Leased Area-21.0 Ha.), M/s Saroj Buildcon. File No. 5461/4871/Proposal No. SIA/UP/MIN/50323/2019

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

1. The environmental clearance is sought for Sand/Morrum Mining at Gata No.-2/4, 2/23, 2/24 & 2/28, Khand No.-01, Village-Benda Khadar, Tehsil & District-Banda, U.P., (Leased Area-21.0 Ha.), M/s Saroj Buildcon.
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 449/Parya/SEAC/4871/2019 dated 10/12/2019.
3. The public hearing was organized on 22/01/2020. Final EIA report submitted on 28/01/2020.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/50323/2019		
2. File No. allotted by SEIAA, UP	5461/4871		
3. Name of Proponent	M/S SAROJ BUILDCON Sh. Vivek Sharma S/o Sh. Dinesh Sharma,		
4. Full correspondence address of proponent and mobile no.	Address- Ramnagar, Behind Bhadauria Market Thatipur, District Gwalior (M. P) Pincode-474011		
5. Name of Project	Sand/Morrum Mining Project		
6. Project location (Plot/Khasra/Gata No. / khand No.)	Gata No. 2/4, 2/23, 2/24, 2/28 (Khand No.01)		
7. Name of River	River Yamuna		
8. Name of Village	Benda Khadar		
9. Tehsil	Banda		
10. District	Banda (U.P)		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in Ha.)	21.0 Ha.		
13. Mineable Area (in Ha.)	21.0 Ha.		
14. Zero level mRL	87.0 mRL		
15. Max. & Min mrl within lease area	Maximum mRL 92.80 mRL Minimum mrl 88.20 mRL		
16. Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude
	A	25° 42.428'N	80° 36.677'E
	B	25° 42.313'N	80° 37.044'E
	C	25° 42.485'N	80° 37.084'E
	C1	25° 42.496'N	80° 37.046'E
	C2	25° 42.491'N	80° 37.011'E

	C3	25° 42.525'N	80° 36.949'E
	C4	25° 42.570'N	80° 36.840'E
	D	25° 42.602'N	80° 36.710'E
17. Total Geological Reserves	7,00,962 m ³		
18. Total Mineable Reserves in LOI	4,20,000 m ³ per year in LOI		
19. Total Proposed Production (in five year)	21,00,000 m ³ (in five year)		
20. Proposed Production/year	4,20,000 m ³ per year		
21. Sanctioned Period of Mine lease	5 Year		
22. Production of mine/day	1680 m ³ /day		
23. Method of Mining	Open cast, Manual, Semi- Mechanized		
24. No. of working days	250		
25. Working hours/day	8 hours/day		
26. No. Of workers	Approximately 88 workers		
27. No. Of vehicles movement/day	Approximately 60 - 65 Vehicles movement/day		
28. Type of Land	Government Land		
29. Ultimate Depth of Mining	3.0 m		
30. Nearest metalled road from site	SH 13 about 0.98 km towards West direction from the project site.		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.98 KLD	
	Suppression of dust	9.12 KLD	
	Plantation	1.05 KLD	
	Others (if any)	-	
	Total	11.15 KLD (Approx. 11.0 KLD)	
32. Name of QCI Accredited Consultant with QCI No And period of validity.	Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/EIA/1619/IA 0019 and valid up to December 29,2019		
33. Any litigation pending against the project or land in any court	NO		
34. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 1339/ Khanij -30 dated 08/07/2019		
35. Details of Lease Area in approved DSR	Page No.- 61, Table No.-22, Sr. No.- 12 शुद्धि पत्र पत्रांक- 12/पर्या0 सचि0 बाँदा दिनांक: 17/ 02/2019, Sr. No.- 1		
36. Proposed CER cost	Rs. 3351600 (2% of the total Project cost)		
37. Proposed EMP cost/ Total Project cost	Rs. 167580000/-		
38. Length and breadth of Haul Road	760 m length and 6 m width		
39. No. of Trees to be Planted	105		

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

RESOLUTION AGAINST AGENDA NO-09

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure 1 & 2 to these minutes regarding mining project. The committee also stipulated following specific conditions:

- Environment management in according to environmental status and impact of the project.

2. Selection of plants for green belt should be on the basis of pollution removal index.
3. No mining activity should be carried out in-stream channel as per SSMMG, 2016.
4. Pakka motorable haul road to be maintained by the project proponent.
5. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
6. Permission from the competent authority regarding evacuation route should be taken.
7. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
8. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
9. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
10. Provision for cylinder to workers should be made for cooking.
11. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
12. Provide suitable mask to the workers.
13. Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
14. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
15. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
16. Provision for two toilets and hand pumps should be made at mining site.
17. Drinking water for workers would be provided by tankers.
18. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
19. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
20. Corporate Environmental Responsibility (CER) plan with minimum Rs. 33,51,600/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development Officers, Banda, U.P.
21. Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
22. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
23. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
24. Width of the haul road shall be more than 6 meter.
25. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

- 10. Brick Earth Mining at Gata No.-168,171,165,187,170, 169, Village-Kewal Rampur Chilowa, Jalalabad, Shahjahanpur, (Area-3.422 Ha). File No. 5295/Proposal No. SIA/UP/MIN/125911/2019**

RESOLUTION AGAINST AGENDA NO-10

The committee discussed the matter and observed that the geo coordinate of the leased area has not mentioned in the mining plan. Hence, the committee directed the project proponent to submit corrected documents for further consideration of the matter.

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

- 11. Soil Excavation for Brick at Gata No.-2684,2291,224,225,73ka, 28,37, 71Ga,38/1, 73Kha/1, 157, Vill.Kandipur Khurd & Sangapur, Kandipur, Sultanpur., M/s Pandey Ent Udyog (Area-2.2440 Ha). File No. 5296/Proposal No. SIA/UP/MIN/125900/2019**

RESOLUTION AGAINST AGENDA NO-11

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.

- 12. Brick Earth mining at Gata No.-842 Kha, Village-Bhimalpur, Tehsil- Kadipur, Sultanpur., M/s Jai Durga Brick Field, (Area-2.247 Ha). File No. 5304/Proposal No. SIA/UP/MIN/128617/2019**

RESOLUTION AGAINST AGENDA NO-12

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.

- 13. Brick Clay mining at Khasra No.-56, in Village-Badhapur Tehsil- Chandpur, District-Bijnor., M/s Bansal Bricks (L Area-2.427 Ha). File No. 5306/Proposal No. SIA/UP/MIN/43009/2019**

RESOLUTION AGAINST AGENDA NO-13

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.

- 14. Brick Clay mining at Plot No.-02, Village-Chamrola, Tehsil- Chandpur, Bijnor., M/s Sagar Bricks Works. (Leased Area-3.665 Ha). File No. 5307/Proposal No. SIA/UP/MIN/43061/2019**

RESOLUTION AGAINST AGENDA NO-14

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.

- 15. Brick Earth Mining at Gata No.-256, 309, 232, 261, Village- Dhanela, Tilhar, Distt- Shahjahanpur, M/s Kashish Brick Field (Area-2.611 Ha). File No. 5312/Proposal No. SIA/UP/MIN/125447/2019**

RESOLUTION AGAINST AGENDA NO-15

The committee discussed the matter and observed that the geo coordinate of the leased area has not mentioned in the mining plan. Hence, the committee directed the project proponent to submit corrected documents for further consideration of the matter.

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

- 16. Brick Earth Mining at Gata No.-6420, 6422, 4171, 6419, 6443, 2014, 1407, 1408, 1409, 1673, 1, at Village- Baoli, Jansar, Rainapur, Kaithan Khera & Dariyapur, Hasanganj, Unnao., Area: 2.386 Ha. File No. 5323/Proposal No. SIA/UP/MIN/128574/2019**

RESOLUTION AGAINST AGENDA NO-16

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.

- 17. Brick Earth Mining at Gata No.-198, 194, 749, 754, 271, 635A, 635B, 637, 1310, 603, 753, 684, at Vill.-Dhanmau, Chharehati, Pura Chand, Dipwal, Hasanganj, Unnao., M/s Rama Ent Udyog, Area: 4.582 Ha. File No. 5330/Proposal No. SIA/UP/MIN/129112/2019**

RESOLUTION AGAINST AGENDA NO-17

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.

- 18. Brick Earth Mining at Gata No.-34, 120, 435, 19, 21 A, 21 B, at Village- Dhanmau, Poora Chand, Dipwal, Hasanganj, Unnao., M/s Ankit Brick Field, (Area: 2.889 Ha). File No. 5331/Proposal No. SIA/UP/MIN/130651/2019**

RESOLUTION AGAINST AGENDA NO-18

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.

- 19. Brick Earth mining at Gata No.-824,63,119,429,407,271, Village-Alamau & Vidhaura, Baldirai, Sultanpur., M/s Aman Brick Field, (Area-1.980 Ha). File No. 5333/Proposal No. SIA/UP/MIN/132147/2019**

RESOLUTION AGAINST AGENDA NO-19

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.

- 20. Brick Earth Mining at Village- Gangeru, Tehsil- Kairana, District- Shamli, U.P., M/s Mahadev Brick Field(Leased Area-2.925 Ha). File No. 5341/Proposal No. SIA/UP/MIN/127960/2019**

RESOLUTION AGAINST AGENDA NO-20

The committee discussed the matter and observed that the geo coordinate of the leased area has not mentioned in the mining plan. Hence, the committee directed the project proponent to submit corrected documents for further consideration of the matter.

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

- 21. Brick Earth Mining at Village-Bhaju, Teshil & District- Shamli, U.P., M/s Jai Sai Bricks (Leased Area-3.683 Ha). File No. 5342/Proposal No. SIA/UP/MIN/128265/2019**

RESOLUTION AGAINST AGENDA NO-21

The committee discussed the matter and observed that the geo coordinate of the leased area has not mentioned in the mining plan. Hence, the committee directed the project proponent to submit corrected documents for further consideration of the matter.

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

- 22. Brick Earth Mining Project of M/s R.B.F Bhatta located at Village- Jijola, Tehsil- Unn, District- Shamli, U.P.,(Leased Area-4.708 Ha). File No. 5351/Proposal No. SIA/UP/MIN/134062/2019**

RESOLUTION AGAINST AGENDA NO-22

The committee discussed the matter and observed that the geo coordinate of the leased area has not mentioned in the mining plan. Hence, the committee directed the project proponent to submit corrected documents for further consideration of the matter.

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

23. Brick Earth Mining at Village- Kudana, Tehsil-Shamli, Shamli, U.P. M/s Shree Balaji Bhatta Udyog,(Leased Area-2.9085Ha). File No. 5352/Proposal No. SIA/UP/MIN/134278/2019

RESOLUTION AGAINST AGENDA NO-23

The committee discussed the matter and observed that the geo coordinate of the leased area has not mentioned in the mining plan. Hence, the committee directed the project proponent to submit corrected documents for further consideration of the matter.

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

(Dr. Sarita Sinha)
Member

(Dr. Virendra Misra)
Member

(Dr. Pramod Kumar Mishra)
Member

(Dr. Ranjeet Kumar Dalela)
Member

(Dr. Ajoy Kumar Mandal)
Member

(Shri Meraj Uddin)
Member

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

Annexure-1

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

General Conditions:

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

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

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

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

Annexure-2

Specific Conditions for Sand Moram Mining :-

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

19. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
20. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
21. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
22. Solid waste material viz., gutkha pouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
23. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchyat.
24. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
25. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
26. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
27. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
28. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
29. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
30. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
31. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
32. Waste water from potable use be collected and reused for sprinkling.
33. During the school opening and closing time vehicle movement will be restricted.
34. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

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

A. General Conditions:

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any addition of the mining area, change of Khasra numbers, enhancement of capacity, change in mining technology, modernization and scope of working shall again required prior environmental clearance as per EIA notification, 2006.
4. No change in the calendar plan including excavation, quantum of mineral and waste shall be made.
5. Mining will be carried out as per the approved mining plan. In case of any violation of mining plan, the Environmental Clearance given by SEIAA will stand cancelled.
6. Four ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for RSPM, SPM, SO₂, NO_x monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board. The monitored data for criteria pollutants shall be regularly up loaded on the company's website and also displayed at website.
7. Data on ambient air quality (RPM, SPM, SO₂, NO_x) should be regularly submitted to the Regional office, MoEF, GoI, Lucknow and the State Pollution Control Board / Central Pollution Control Board once in six months.
8. Ambient air quality at the boundary of the mine premises shall conform to the norms prescribed in MoEF notification no. GSR/826(E) dt. 16.11.09.
9. Fugitive dust emissions from all the sources shall be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points shall be provided and properly maintained.
10. Measures shall be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. shall be provided with ear plugs / muffs and health records of the workers shall be maintained.
11. Industrial waste water (workshop and waste water from the mine) should be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. Oil and grease trap shall be installed before discharge of workshop effluents.
12. Personnel working in areas shall be provided with protective respiratory devices like mask and they shall also be imparted adequate training and information on safety and health aspects.
13. Special measures shall be adopted to prevent the nearby settlements from the impacts of mining activities.
14. The transportation of the materials shall be limited to day hours time only.
15. Provision shall be made for the housing the labourers within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
16. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.

17. The Project Proponent shall inform to the Regional Office, MoEF, GoI, Lucknow and State Pollution Control Board regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.
18. The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year wise expenditure shall be reported to the MoEF, GoI, Lucknow and State Pollution Control Board
19. The Regional Office, MoEF, GoI, Lucknow and State Pollution Control Board shall monitor compliance of the stipulated conditions. A complete set of documents including Environment Impact Assessment Report, Environmental Management Plan, Public hearing and other documents information should be given to Regional Office of the MoEF, GoI, Lucknow and State Pollution Control Board
20. A copy of the environmental clearance shall be submitted by the Project Proponent to the Heads of the Local Bodies, Panchayat and Municipal Bodies as applicable in the matter.
21. The Project Proponent shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Level Environment Impact Assessment Authority (SEIAA).
22. The Project Proponent has to submit half yearly compliance report of the stipulated prior environmental clearance terms and conditions in hard and soft copy to the SEIAA, U.P. on 1st June and 1st December of each calendar year.
23. The SEIAA may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
24. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

B. Specific Conditions:

1. This environmental clearance does not create or verify any claim of applicant on the proposed site/activity.
2. This environmental clearance shall be subject to valid lease in favour of project proponent for the proposed mining proposals. In case, the project proponent does not have a valid lease, this environmental clearance shall automatically become null and void.
3. The Environmental clearance will be co-terminus with the mining lease period.
4. Explosive cannot be stored on the site.
5. A comprehensive EIA including mining areas within 15 K.M. to assess impact of the mining activity on the surrounding area shall be undertaken and report submitted to this Authority within one year.
6. No two pits shall be simultaneously worked i.e. before the first is exhausted and reclamation work completed, no mineral bearing area shall be worked.
7. After exhausting the first mine pit and before starting mining operations in the next pit, reclamation and plantation works in the exhausted pit shall be completed so as to ensure that reclamation, forest cover and vegetation are visible during the first year of mining operations in the next pit. This process will follow till the last pit is exhausted. Adequate rehabilitation of mined pit shall be completed before any new ore bearing area is worked for expansion.
8. Adequate buffer zone shall be maintained between two consecutive mineral bearing deposits.
9. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
10. Green belt development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO / Agriculture Department. Herbs and shrubs shall also form a part of afforestation programme besides tree plantation. The company shall involve local people

for plantation programme. Details of year wise afforestation programme including rehabilitation of mined out area shall be submitted to the Regional Office, MoEF&CC, GoI, Lucknow every year.

11. Blast vibrations study shall be conducted and a observation report submitted to the Regional office, MoE&CC, GoI, Lucknow and UPPCB within six months. The report shall also include measures for prevention of blasting associated impact on nearby houses and agricultural fields.
12. Controlled blasting techniques with sequential blasting shall be adopted. The blasting shall be carried out in the day time only.
13. Appropriate arrangement for shelter and drinking water for the mining workers has to be ensured at the mining site.
14. Maintenance of village roads used for transportation of minerals are to be done by the company regularly at its own expenses. The roads shall be black topped.
15. Rain water harvesting shall be undertaken to recharge the ground water source.
16. Status of implementation shall be submitted to the Regional Office, MoEF&CC, GoI, Lucknow and UP Pollution Control Board within six months and thereafter every year from the next consequent year.
17. Measures for prevention and control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion shall be carried out with geo textile matting or other suitable material, and thick plantations of native trees and shrubs shall be carried out at the dump slopes. Dumps shall be protected by retaining walls.
18. Trenches / garland drains shall be constructed at foot of dumps and coco filters installed at regular intervals to arrest silt from being carried to water bodies. Adequate number of Check Dams and Gully Plugs shall be constructed across seasonal/perennial nallahs, if any flowing through the ML area and silts arrested. De- silting at regular intervals shall be carried out.
19. Garland drain of appropriate size, gradient and length shall be constructed for both mine pit and for waste dump and sump capacity shall be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity shall also provide adequate retention period to allow proper settling of silt material. Sedimentation pits shall be constructed at the corners of the garland drains and de- silted at regular intervals.
20. Ground and surface water, if any in and near the core zone (within 5.0 km of the lease) shall be regularly monitored for contamination and depletion due to mining activity and records maintained. The monitoring data shall be submitted to the Regional Office, MoEF, GoI, Lucknow and U.P. Pollution Control Board regularly. Further, monitoring points shall be located between the mine and drainage in the direction of flow of ground water shall be set up and records maintained.
21. Fugitive dust generation shall be controlled. Fugitive dust emission shall be regularly monitored at locations of nearest human habitation (including schools and other public amenities located nearest to sources of dust generation as applicable) and records submitted to the Regional Office, MoEF&CC, GoI, Lucknow and U.P. Pollution Control Board regularly.
22. Baseline data for ambient air quality shall be generated and maintained and RSPM level in ambient air in the nearby human habitation (villages) shall also be monitored along with other parameters.
23. Corporate Environmental Responsibility (CER) shall be by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers.
24. Transportation of minerals shall be done by covering the trucks with tarpaulin or other suitable mechanism so that no spillage of mineral/dust takes place.
25. Occupational health and safety measures for the workers including identification of work related health hazards, training on malaria eradication, HIV, and health effects on exposure to mineral dust etc. shall be carried out. Periodic monitoring for exposure to respirable mineral dust on the workers shall be conducted and records maintained including health records of the workers. Awareness programme for

- workers on impact of mining on their health and precautionary measures like use of personal equipments etc. shall be carried out periodically. Review of impact of various health measures shall be conducted followed by follow up action wherever required.
26. The project proponent will ensure for providing employment to local people as per requirement, necessary protection measures around the mine pit and waste dump and garland drain around the mine pit and waste dump.
 27. Top soil / solid waste shall be stacked properly with proper slope and adequate safeguards and shall be utilized for backfilling (wherever applicable) for reclamation and rehabilitation of mined out area. Top soil shall be separately stacked for utilization later for reclamation and shall not be stacked along with over burden.
 28. Over burden (OB) shall be stacked at earmarked dump site(s) only and shall not be kept active for long period. The maximum height of the dump shall not exceed 20 m, each stage shall preferably be of maximum 10 m and overall slope of the dump shall not exceed 35°. The OB dump shall be backfilled. The OB dumps shall be scientifically vegetated with suitable native species to prevent erosion and surface run off.
 29. Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self sustaining. Compliance status shall be submitted to the Regional Office, Ministry of Environment & Forests, GoI, Lucknow and U.P. Pollution Control Board on six monthly basis.
 30. Slope of the mining bench and ultimate pit limit shall be as per the mining scheme approved by Indian Bureau of Mines.
 31. Permission for abstraction of ground water shall be taken from Central Ground Water Board. Regular monitoring of ground and surface water sources for level and quality shall be carried out by establishing a network of existing wells and constructing new piezometers during the mining operation. The monitoring shall be carried out four times in a year i.e. pre-monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January) and the data thus collected shall be regularly sent to MoEF&CC, Central Ground Water Authority and Regional Director, Central Ground Water Board.
 32. The waste water from the mine shall be treated to conform to the prescribed standards before discharging in to the natural stream. The discharged water from the Tailing Dam, if any shall be regularly monitored and report submitted to the Regional Office, Ministry of Environment & Forests, GoI, Lucknow, Central Pollution Control Board and the State Pollution Control Board.
 33. Hydro geological study of the area shall be reviewed by the project proponent annually. In case adverse effect on ground water quality and quantity is observed mining shall be stopped and resumed only after mitigating steps to contain any adverse impact on ground water is implemented.
 34. Vehicular emissions shall be kept under control and regularly monitored. Vehicles used for transportation of minerals and others shall have valid permissions as prescribed under Central Motor Vehicle Rules, 1989 and its amendments. The vehicles transporting minerals shall be covered with a tarpaulin or other suitable enclosures so that no dust particles / fine matters escape during the course of transportation. No overloading of minerals for transportation shall be committed. The trucks transporting minerals shall not pass through wild life sanctuary, if any in the study area.
 35. Prior permission from the Competent Authority shall be obtained for extraction of ground water, if any.
 36. A final mine closure plan, along with details of Corpus Fund, shall be submitted to the Regional office, Ministry of Environment & Forests, GoI, Lucknow and U.P. Pollution Control Board 5 years in advance of final mine closure for approval.
 37. Project Proponent shall explore the possibility of using solar energy where ever possible.
 38. Commitment towards CER has to be followed strictly.
 39. Regular health check-up record of the mine workers has to be maintained at site in a proper register. It should be made available for inspection whenever asked.
 40. Project Proponent has to strictly follow the direction/guidelines issued by MoEF&CC, CPCB and other Govt. Agencies from time to time.
 41. The blasting will be done only after getting the permission from the Mining Department.