

### **Minutes of 548<sup>th</sup> SEAC Meeting Dated 09/07/2021**

The 548<sup>th</sup> meeting of SEAC-1 & SEAC-2 (Jointly) was held in hybrid (physical and virtual) through video conferencing in view of the Corona Virus Disease (Covid-19) on 09/07/2021. Following members participated in the meeting:

1.	Shri Rajive Kumar,	Chairman, SEAC-1
2.	Dr. Ajai Mishra,	Member, SEAC-1
3.	Shri Om Prakash Srivastava,	Member, SEAC-1
4.	Dr. Brij Bihari Awasthi,	Member, SEAC-1
5.	Shri Umesh Chandra Sharma,	Member, SEAC-1
6.	Dr. Ratan Kar,	Member, SEAC-1 (through VC)
7.	Dr. Harikesh Bahadur Singh,	Chairman, SEAC-2
8.	Dr. Amrit Lal Haldar,	Member, SEAC-2
9.	Dr. Dineshwar Prasad Singh,	Member, SEAC-2 (through VC)
10.	Shri Tanzar Ullah Khan,	Member, SEAC-2
11.	Prof. Jaswant Singh,	Member, SEAC-2
12.	Shri Shiv Om Singh,	Member, SEAC-2
13.	Director, Environment,	Member Secretary, SEAC-1 & SEAC-2

The Chairman welcomed the members to the 548<sup>th</sup> SEAC meeting .

The SEAC- 1 and SEAC -2 unanimously took following decisions on the agenda points discussed in their joint meeting :

**1. Stone Mining (Sand Stone) at Araj No./Gata No.-485 & 486, at Village- Patti Kalan,Chunar, Mirzapur., Shri Abdul Hamid Ansari,Area-1.818 ha. File No. 6151/Proposal No. SIA/UP/MIN/60482/2021**

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

1. The environmental clearance is sought for Building Stone(Sandstone) Mining at Araj/Gata no.- 485 & 486, Village-Pattikalan, Tehsil-Chunar, District-Mirzapur, U.P., (Leased Area-1.818 ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/60482/2021
2.	File No. allotted by SEIAA, UP	6151
3.	Name of Proponent	Shri Abdul Hamid Ansari
4.	Full correspondence address of proponent and mobile no.	Shri Abdul Hamid Ansari R/o Ward no. 15, Lala Ka Gola, Ahraura, Tehsil- Chunar, Mirzapur.
		Mobile no.-
		E-mail Id- abdulhamidansari5418@gmail.com
5.	Name of Project	Building Stone(Sandstone) Mining Village –Pattikalan, Tehsil- Chunar, District– Mirzapur, Uttar Pradesh
6.	Project Location (Plot.Khasra/Gata No.)	Gata No. – 485 & 486, Village –Pattikalan,

**Minutes of 548<sup>th</sup> SEAC Meeting Dated 09/07/2021**

		Tehsil-Chunar, District–Mirzapur, Uttar Pradesh																							
7.	Name of River	NA																							
8.	Name of Village	Patti Kalan																							
9.	Tehsil	Chunar																							
10.	District	Mirzapur																							
11.	Name of Minor Mineral	Building Stone(Sandstone)																							
12.	Sanctioned Lease Area (in Ha.)	1.818 ha.																							
13.	Max. & Min mRL within lease area	Highest mRL is 116.6 & Lowest Is 114mRL																							
14.	Pillar Coordinates (Verified by DMO)	<table><tr><td>Pillar No</td><td>N</td><td>E</td></tr><tr><td>A</td><td>25° 00'22.80"N</td><td>83°01'14.80"E</td></tr><tr><td>B</td><td>25° 00'21.10"N</td><td>83°01'15.30"E</td></tr><tr><td>C</td><td>25° 00'20.20"N</td><td>83°01'13.80"E</td></tr><tr><td>D</td><td>25° 00'16.00"N</td><td>83°01'16.50"E</td></tr><tr><td>E</td><td>25° 00'15.20"N</td><td>83°01'15.00"E</td></tr><tr><td>F</td><td>25° 00'20.70"N</td><td>83°01'10.20"E</td></tr></table>			Pillar No	N	E	A	25° 00'22.80"N	83°01'14.80"E	B	25° 00'21.10"N	83°01'15.30"E	C	25° 00'20.20"N	83°01'13.80"E	D	25° 00'16.00"N	83°01'16.50"E	E	25° 00'15.20"N	83°01'15.00"E	F	25° 00'20.70"N	83°01'10.20"E
Pillar No	N	E																							
A	25° 00'22.80"N	83°01'14.80"E																							
B	25° 00'21.10"N	83°01'15.30"E																							
C	25° 00'20.20"N	83°01'13.80"E																							
D	25° 00'16.00"N	83°01'16.50"E																							
E	25° 00'15.20"N	83°01'15.00"E																							
F	25° 00'20.70"N	83°01'10.20"E																							
15.	Total Geological Reserves	1118175 m <sup>3</sup>																							
16.	Total Mineable Reserve (as per Approved Mine Plan)	343761 m <sup>3</sup>																							
17.	Total Proposed Production	18180 m <sup>3</sup> /year (45450tonnes/year)																							
18.	Proposed Production /year	18180 m <sup>3</sup> /year																							
19.	Sanctioned Period of Mine lease	20 years																							
20.	Production of mine/day	61 m <sup>3</sup> /day																							
21.	Method of Mining	Opencast, Semi-Mechanized																							
22.	No. of working days	300																							
23.	Working hours/day	8																							
24.	No. of worker	21																							
25.	No. of vehicles movement/day	5																							
26.	Type of Land	Govt. Revenue land																							
27.	Ultimate of Depth of Mining	Upto 86mRL(Ultimate level)																							
28.	Nearest metalled road from site	550m																							
29.	Water Requirement	PURPOSE		REQUIREMENT (KLD)																					
		Drinking		0.63 KLD																					
		Suppression of dust		2.2 KLD																					
		Plantation		0.4 KLD																					
		Others (if any)		-																					
		Total		3.23 KLD																					
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Globus environment engineering services SL. NO. 85, VALID TILL 29/09/2021																							
31.	Any litigation pending against the project or land in any court	No																							
32.	Details of 500 m Cluster Certificate verified by Mining Officer	vide letter no. 1397/khanij/2020																							
33.	Details of Lease Area in approved DSR	1.818 ha.																							
34.	Proposed CER cost	1.28 lakh																							
35.	Proposed EMP cost	Total project cost-64 lakhs																							
36.	Length and breadth of Haul Road	550m & 6m																							
37.	No. of Trees to be Planted	200																							

- 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.
- 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.

5. There is no litigation pending in any court regarding this project.
6. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

**RESOLUTION AGAINST AGENDA NO-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. The committee also stipulated following additional TOR points:**

1. Certified point-wise compliance report along with adverse notice issued, if any by concerned authority for non-compliance of any provision regarding earlier environmental clearance issued by SEIAA, U.P. should be provided at the time of EIA presentation along with relevant documents & photographs.
  2. Copy of earlier environmental clearance.
- 2. Stone Mining at Gata No.-119Ka, 212Ka, at Village- Mouja-Jatajuwa, Tehsil- Dudhhi, Sonbhadra, U.P. M/s Champions Group Area- 6.603 Ha. File No. 4618/Proposal No. SIA/UP/MIN/30524/2018**

**RESOLUTION AGAINST AGENDA NO-02**

The project proponent did not circulate the documents to the members of SEAC and Directorate. Hence, the committee directed to defer the matter. The matter shall be discussed after submission of online request on prescribed portal.

- 3. Stone (Khanda, Gitti, Boulder) Mining at Arazi No.- 725 Mi, Khand No.-01, Village- Janwan, Tehsil-Bara, Prayagraj, U.P., Area -2.921 ha. File No. 6265/Proposal No. SIA/UP/MIN/205936/2021**

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

1. The environmental clearance is sought for Janwan Building Stone Sandstone (Khanda, Gitti, Boulder) Mining project at Arazi No. 725 Mi (Khand No. 1), Village- Janwan, Tehsil- Bara, District- Prayagraj, U.P., (Leased Area 2.9210 ha).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/205936/2021
2. File No. allotted by SEIAA, UP	6265
3. Name of Proponent	Prop: Smt Sunita Mishra W/o Shri Rajesh Mishra
4. Full correspondence address of proponent and mobile No.	R/o Bhartaul, Thana- Cant, District- Bareilly, (U.P.)
5. Name of Project	Janwan Building stone Sand Stone(Khanda, Gitti, Boulder)Mining project
6. Project location (Plot/Khasra/Gata No.)	Arazi No. 725 Mi (Khand No. 1)
7. Name of River	-
8. Name of Village	Janwan
9. Tehsil	Bara

**Minutes of 548<sup>th</sup> SEAC Meeting Dated 09/07/2021**

10. District	Prayagraj	
11. Name of Minor Mineral	Building stone Sand Stone(Khanda, Gitti, Boulder)	
12. Sanctioned Lease Area (in Ha.)	2.921 ha	
13. Max & Min mRL within lease area	Max- 151.90mRL and Min- 145.10mRL	
14. Pillar Coordinates (Verified by DMO)	Sanctioned Mining Lease Area	
	Pillar No.	Latitude
	A	25°11'38.88"N
	B	25°11'37.44"N
	C	25°11'31.92"N
	D	25°11'33.48"N
15. Total Geological Reserves	7,35,273cum	
16. Total Mineable Reserves in LOI	29,210 cum	
17. Total Proposed Production	1,46,050 cum	
18. Proposed Production/year	29,210cum	
19. Sanctioned Period of Mine lease	Maximum 20 years	
20. Production of mine/day	112.34	
21. Method of Mining	Open Cast Semi-mechanized Method	
22. No. of working days	260 days	
23. Working hours/day	8 hrs	
24. No. of workers	34	
25. No. of vehicles movement/day	16	
26. Type of Land	Government waste land	
27. Ultimate Depth of Mining	42	
28. Nearest metalled road from site	0.50 km	
29. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.34
	Suppression of dust	7.20
	Plantation	0.15
	Others (if any)	-
	Total	7.69
30. Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt Ltd. 1922, validity= 03-02-2022	
31. Any litigation pending against the project or land in any court	No	
32. Details of 500 m Cluster Map & certificate issued by Mining Officer	Yes, certified	
33. Details of Lease Area in approved DSR	Yes, given in the DSR	
34. Proposed CER cost	Rs1,28,000/-	
35. Proposed EMP cost	Rs4,88,000 /-	
36. Length and breadth of Haul Road	Length: 0.606 km, width: 6 m	
37. No. of Trees to be Planted	75 plants	

- 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.
- 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-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-2 to the minutes. The committee also stipulated following additional conditions:**

1. In case the blasting in mining operation is proposed, the project proponent need to assess its impact on displacement of human beings/wild animals/birds/other species and the suitable measures proposed and taken for their rehabilitation and resettlement need to be clearly described.
2. Quarry plan approved by the Dept. of Mines and Geology, Uttar Pradesh shall be strictly implemented and shall not be operated beyond the validity period.
3. The project proponent shall submit a final quarry closure plan/Exit protocol for rehabilitation of quarried out land to match its surrounding land use 3years prior to closure of the quarry to SEIAA, UP and dept. of Mines and Geology. UP for approval. The project proponent shall ensure the implementation of the approved plan under supervision of the Dept. of Mines and Geology.
4. The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flows from the quarry area. The surface runoff rain water harvesting and other water conservation measures of long term basis are to be taken in consultation with central/State Ground water Board. The water so collected should be utilized for watering the haulage area, roads and green belt development etc.
5. The project proponent shall take all suitable measures to prevent pollution of ground water and nearby water bodies in consultation with State Pollution Control Board and consent to operate, if applicable should be obtained from the State Pollution Control Board prior to start of production from Quarry.
6. Link road from quarry site to main road shall be constructed as all weather road with black topping and maintained by project proponent.
7. Vehicular emission should be kept under control and regularly monitored. The suitable measures shall be taken for proper maintenance of vehicles used in quarry operation and in transportation.
8. Explore the possibilities of rain water harvesting.

**4. Sand/Bajri/Boulder mining from Yamuna River bed at Gata No.-1/1/1, Laat No.-03, Village-Nuniyari Aehatmal, Tehsil-Behat, Saharanpur., Shri Dhanpal Singh & Shri Rajeev Bhatia, M/s Shanti Enterprises., Area-24.29 Ha. File No. 6266/5850/Proposal No. SIA/UP/MIN/62194/2020**

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

1. The environmental clearance is sought for Sand /Bajri/Boulder mining from Yamuna River bed at Gata No.-1/1/1, Laat No.-03, Village-Nuniyari Aehatmal, Tehsil-Behat, Saharanpur, U.P. M/s Shanti Enterprises., Area-24.29 Ha.
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 497/Parya/SEAC/5850/2020, dated 04/11/2020.
3. The public hearing was organized on 10/03/2021. Final EIA report submitted by the project proponent on 02/04/2021.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/62194/2020
2. File No. allotted by SEIAA, UP	6266/5850
3. Name of Proponent	DHAN PAL SINGH AND RAJEEV BHATIA M/S SHANTI ENTERPRISES
4. Full correspondence address of proponent and mobile no.	Bansal Vihar, Chhutmalpur, Saharanpur (U.P.)

**Minutes of 548<sup>th</sup> SEAC Meeting Dated 09/07/2021**

5. Name of Project	NUNIYARI AEHATMAL (AREA: 24.29 ha) SAND/BAJRI/BOULDER MINE ON YAMUNA RIVER		
6. Project location (Plot/Khasra/Gata No.)	LEASE AREA- 60.02 Acres / 24.29 Ha, GATA NO: 1/1/1, LAAT NO. 38 PROPOSED PRODUCTION- 4,37,247 m³/Year VILLAGE- NUNIYARI AEHATMAL, TEHSIL- BEHAT; DISTRICT- SAHARANPUR, STATE- UTTAR PRADESH		
7. Name of Village	NUNIYARI AEHATMAL		
8. Tehsil	BEHAT		
9. District	SAHARANPUR		
10. Name of Minor Mineral	River Bed Sand/Bajri/Boulder		
11. Sanctioned Lease Area (in Ha.)	24.29 Hectares		
12. Mineable Area (in Ha.)	19.2317 Hectares (as per approved mine plan)		
13. Max. & Min mrl within lease area	287 mrl – 281 mrl		
14. Co- ordinate of the lease	Gata No.	Latitude	Longitude
	GATA NO: 1/1/1, LAAT NO. 38	A - 30°11'00.90"	77°29'25.83"
		B - 30°11'12.98"	77°29'12.21"
		C - 30°11'24.95"	77°29'26.28"
		D - 30°11'21.79"	77°29'29.68"
		E - 30°11'20.39"	77°29'33.03"
		F - 30°11'18.64"	77°29'33.83"
		G - 30°11'17.01"	77°29'34.70"
		H - 30°11'14.93"	77°29'32.91"
		I - 30°11'09.54"	77°29'31.35"
J - 30°11'03.46"	77°29'29.55"		
15. Total Geological Reserves	8,70,624 m³		
16. Total Proposed Production (for 5 years)	21,86,235 cum		
17. Proposed Production	4,37,247cum per annum		
18. Sanctioned Period of Mine lease	5 Years		
19. Production of mine/day	1748.988 cum/Day		
20. Method of Mining	Opencast Semi-mechanized mining		
21. No. of working days	250 days		
22. Working hours/day	8 Hours		
23. No. Of workers	78		
24. Type of Land	NON- AGRICULTURAL GOVERNMENT LAND		
25. Ultimate Depth of Mining	3 m		
26. Nearest metalled road from site	1400 m		
27. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.78	
	Suppression of dust	5.914	
	Plantation	9.088	
	Others (if any)	0.00	
	Total	15.782	
28. Name of QCI Accredited Consultant with QCI No and period of validity.	GreencIndia Consulting Pvt. Ltd. NABET/EIA/1922/RA 0159. Valid till 27/10/2022		
29. Any litigation pending against the project or land in any court	No		
30. Details of 500 m Cluster Map & certificate verified by Mining Officer	Vide Letter No. 4887/khanij/2020 dated 16.09.2020		
31. Proposed CER Cost	Rs. 3,09,736/-		
32. Proposed EMP Cost	Rs. 14,50,080/-		
33. Length and breadth of Haul Road	Length 1400 m, Width 6.0 m		
34. No of Trees to be Planted	568		

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. 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.
7. There is no litigation pending in any court regarding this project.
8. 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-2 to these minutes regarding mining project. The committee also stipulated following additional conditions:**

1. The project proponent has presented base line data for water quality, air quality and Noise quality. Whether these data have been taken from literature or are proposed project location specific. If these data are location specific and tests have been conducted by project proponent, then all the test reports should be attached with the EIA report, otherwise reference need to be given at appropriate place in the report.
  2. The project proponent shall provide proper water supply facility for drinking purpose with adequate quantity and of prescribed quality for mining workers and also for dust suppression at mining area, roads and plantation areas etc based on ground water as source created at suitable location nearby the project site but not in the flood plain of the river.
  3. Temporary shelter shall be provided with toilet facility separate for male and female and other basic amenities and all necessary measures shall be taken to prevent combat defecation in and along river to prevent river pollution.
  4. Detailed plantation plan with identification of green belt, type and number of plants/trees and their location in consultation with forest department and Gram Panchayat shall be formulated and implemented.
  5. Link road from mining site to main road shall be constructed and properly maintained for smooth movement of transport vehicles and to prevent air pollution.
  6. Quality Monitoring protocol for water pollution, air pollution and noise pollution shall be formulated and implemented.
5. **Sand/Morrum Mining from Betwa Riverbed at Gata No.- 1782 & 1783, Khand No.- 01, Village- Mohan, Tehsil- Orai, Jalaun., Shri Priyesh Gangele, M/s Kamtanath Enterprises Pvt. Ltd. Area:14.574 ha. File No. 6268/5923/Proposal No. SIA/UP/MIN/62230/2020**

**RESOLUTION AGAINST AGENDA NO-05**

The project proponent vide letter dated 09/07/2021 requested to defer the matter in next SEAC meeting. The SEAC discussed the letter and directed to defer the matter as per request made by 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.

6. **Sand/ Morrum Mining from Yamuna Riverbed at Khand No.-10/19 to 10/21, Village-Kataieya, Tehsil-Chayal, Kaushambi, Shri Javed Ali, M/s Aman Brick Field, Area: 10.0 ha . File No. 6269/5815/Proposal No. SIA/UP/MIN/62440/2020**

**RESOLUTION AGAINST AGENDA NO-06**

The project proponent vide letter dated 09/07/2021 requested to defer the matter in next SEAC meeting. The SEAC discussed the letter and directed to defer the matter as per request made by 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.

7. **Sand/Morrum Mining from Betwa River bed at Gata No.-02, Khand No.- 01, Village-Kalothra , Tehsil- Tahrauli, District- Jhansi, U.P., Smt. Sumit Singh., M/s R.S. Mines & Minerals, Area: 3.50 ha. File No. 6271/Proposal No. SIA/UP/MIN/207880/2021**

**RESOLUTION AGAINST AGENDA NO-07**

The project proponent did not circulate the documents to the members of SEAC and Directorate. Hence, the committee directed to defer the matter. The matter shall be discussed after submission of online request on prescribed portal.

8. **Proposed Hotel at Plot No.-TC-25V, Vibhuti Khand, Gomti Nagar, Lucknow., Shri Nidhish Bhatnagar, M/s Luxus Hospitality Pvt. Ltd. File No. 6275/Proposal No. SIA/UP/MIS/206423/2021**

**RESOLUTION AGAINST AGENDA NO-08**

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

9. **Sand Stone Mine at Gata No./Araji No./Plot No.-428, at Village-Dhuria, Chunar, Mirzapur., Shri Chhatrabali Singh, Area-0.909 ha. File No. 6279/5137/Proposal No. SIA/UP/MIN/62537/2019**

**RESOLUTION AGAINST AGENDA NO-09**

The project proponent did not circulate the documents to the members of SEAC and Directorate. Hence, the committee directed to defer the matter. The matter shall be discussed after submission of online request on prescribed portal.



**10. Proposed IT ITES Offices Building at located Plot No.- 04, Tech Zone-02, Greater Noida, U.P., M/s Samrage Infotech Pvt. Ltd. File No. 6280/Proposal No. SIA/UP/MIS/62121/2021**

**RESOLUTION AGAINST AGENDA NO-10**

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

**(Rajive Kumar)  
Chairman, SEAC-1**

**(Dr. Ajai Mishra)  
Member, SEAC-1**

**(Om Prakash Srivastava)  
Member, SEAC-1**

**(Dr. Brij Bihari Awasthi)  
Member, SEAC-1**

**(Umesh Chandra Sharma)  
Member, SEAC-1**

**(Dr. Ratan Kar)  
Member, SEAC-1**

**(Dr. Harikesh Bahadur Singh)  
Chairman, SEAC-2**

**(Dr. Amrit Lal Haldar)  
Member, SEAC-2**

**(Dr. Dineshwar Prasad Singh)  
Member, SEAC-2**

**(Tanzar Ullah Khan)  
Member, SEAC-2**

**(Prof. Jaswant Singh)  
Member, SEAC-2**

**(Shiv Om Singh)  
Member, SEAC-2**

**(Ashish Tiwari)  
Member-Secretary, SEAC-1 & 2**

**Terms of Reference for the Mining Project**

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

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

- 23) Air quality 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.
- 24) 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.
- 25) Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.
- 26) Description of water conservation measures proposed to be adopted in the Project should be given.
- 27) Details of rainwater harvesting proposed in the Project, if any, should be provided.
- 28) Impact of the Project on the water quality, both surface and groundwater, should be assessed and necessary safeguard measures, if any required, should be provided.
- 29) Based on actual monitored data, it may clearly be shown whether working will intersect groundwater.
- 30) Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed Hydro Geological Study should be undertaken and 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.
- 31) Details of any stream, seasonal or otherwise, passing through the lease area and modification / diversion proposed, if any, and the impact of the same on the hydrology should be brought out.
- 32) Information on site elevation, working depth, groundwater table etc. Should be provided both in AMSL and bgl. A schematic diagram may also be provided for the same.
- 33) A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the Project. Phase-wise plan of plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of 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.
- 34) 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.
- 35) Details of the onsite shelter and facilities to be provided to the mine workers should be included in the EIA Report.
- 36) Conceptual post mining land use and Reclamation and Restoration of mined out areas (with plans and with adequate number of sections) should be given in the EIA report.
- 37) Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out 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.
- 38) Public health implications of the Project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary allocations.

- 39) Measures of socio economic significance and influence to the local community proposed to be provided by the Project Proponent should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation.
- 40) Detailed environmental management plan (EMP) to mitigate the environmental impacts which, should inter-alia include the impacts of change of land use, loss of agricultural and grazing land, if any, occupational health impacts besides other impacts specific to the proposed Project.
- 41) Public Hearing points raised and commitment of the Project Proponent on the same along with time bound Action Plan with budgetary provisions to implement the same should be provided and also incorporated in the final EIA/EMP Report of the Project.
- 42) Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
- 43) The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
- 44) A Disaster management Plan shall be prepared and included in the EIA/EMP Report.
- 45) Benefits of the Project if the Project is implemented should be spelt out. The benefits of the Project shall clearly indicate environmental, social, economic, employment potential, etc.
- 46) Besides the above, the below mentioned general points are also to be followed:-
  - a) Executive Summary of the EIA/EMP Report
  - b) All documents 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.

**Annexure-2**

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

**A. General Conditions:**

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any addition of the mining area, change of Khasra numbers, enhancement of capacity, change in mining technology, modernization and scope of working shall again required prior environmental clearance as per EIA notification, 2006.
4. No change in the calendar plan including excavation, quantum of mineral and waste shall be made.
5. Mining will be carried out as per the approved mining plan. In case of any violation of mining plan, the Environmental Clearance given by SEIAA will stand cancelled.
6. Four ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for RSPM, SPM, SO<sub>2</sub>, NO<sub>x</sub> 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, SO<sub>2</sub>, NO<sub>x</sub>) 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 a 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. At the time of operation, project proponent will comply with all the guidelines issued by Government of India/State Govt./District Administration related to Covid-19.
2. This environmental clearance does not create or verify any claim of applicant on the proposed site/activity.
3. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 05ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 05ha, the E.C issued will stand revoked.
4. 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.
5. The Environmental clearance will be co-terminus with the mining lease period/Mining Plan.
6. Explosive cannot be stored on the site.
7. A comprehensive EIA including mining areas within 15 K.M. to assess impact of the mining activity on the surrounding area shall be undertaken and report submitted to this Authority within one year.

8. No two pits shall be simultaneously worked i.e. before the first is exhausted and reclamation work completed, no mineral bearing area shall be worked.
9. After exhausting the first mine pit and before starting mining operations in the next pit, reclamation and plantation 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.
10. Adequate buffer zone shall be maintained between two consecutive mineral bearing deposits.
11. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
12. Green belt development shall be carried out considering CPCB guidelines including 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.
13. Blast vibrations study shall be conducted and a observation report submitted to the Regional office, MoEF&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.
14. Controlled blasting techniques with sequential blasting shall be adopted. The blasting shall be carried out in the day time only.
15. Appropriate arrangement for shelter and drinking water for the mining workers has to be ensured at the mining site.
16. Maintenance of village roads used for transportation of minerals are to be done by the company regularly at its own expenses. The roads shall be black topped.
17. Rain water harvesting shall be undertaken to recharge the ground water source.
18. Status of implementation shall be submitted to the Regional Office, MoEF&CC, GoI, Lucknow and UP Pollution Control Board within six months and thereafter every year from the next consequent year.
19. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
20. Measures for prevention and control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion shall be carried out with 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.
21. Trenches / garland drains shall be constructed at foot of dumps and coco filters installed at regular intervals to arrest silt from being carried to water bodies. Adequate number of Check Dams and Gully Plugs shall be constructed across seasonal/perennial nallahs, if any flowing through the ML area and silts arrested. De-silting at regular intervals shall be carried out.
22. Garland drain of appropriate size, gradient and length shall be constructed for both mine pit and 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.
23. Ground and surface water, if any in and near the core zone (within 5.0 km of the lease) shall be regularly monitored for contamination and depletion due to mining activity and records maintained. The monitoring data shall be submitted to the Regional Office, MoEF, GoI, Lucknow and U.P. Pollution Control Board regularly. Further, monitoring points shall be located between the mine and drainage in the direction of flow of ground water shall be set up and records maintained.



24. Fugitive dust generation shall be controlled. Fugitive dust emission shall be regularly monitored at locations of nearest human habitation (including schools and other public amenities located nearest to sources of dust generation as applicable) and records submitted to the Regional Office, MoEF&CC, GoI, Lucknow and U.P. Pollution Control Board regularly.
25. Baseline data for ambient air quality shall be generated and maintained and RSPM level in ambient air in the nearby human habitation (villages) shall also be monitored along with other parameters.
26. Corporate Environmental Responsibility (CER) shall be by the project proponent and the details of the various heads of expenditure 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.
27. 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.
28. Occupational health and safety measures for the workers including identification of work related health hazards, training on malaria eradication, HIV, and health effects on exposure to mineral dust etc. shall be carried out. Periodic monitoring for exposure to respirable mineral dust on the workers shall be conducted and records maintained including 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.
29. 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.
30. 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.
31. 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.
32. Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self sustaining. Compliance status shall be submitted to the Regional Office, Ministry of Environment & Forests, GoI, Lucknow and U.P. Pollution Control Board on six monthly basis.
33. Slope of the mining bench and ultimate pit limit shall be as per the mining scheme approved by Indian Bureau of Mines.
34. 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.
35. 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.

36. 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.
37. Vehicular emissions shall be kept under control and regularly monitored. Vehicles used for transportation of minerals and others shall have valid permissions as prescribed under Central Motor Vehicle Rules, 1989 and its amendments. The vehicles transporting minerals shall be covered with a tarpaulin or other suitable enclosures so that no dust particles / fine matters escape during the 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.
38. Prior permission from the Competent Authority shall be obtained for extraction of ground water, if any.
39. A final mine closure plan, along with details of Corpus Fund, shall be submitted to the Regional office, Ministry of Environment & Forests, GoI, Lucknow and U.P. Pollution Control Board 5 years in advance of final mine closure for approval.
40. Project Proponent shall explore the possibility of using solar energy where ever possible.
41. Commitment towards CER has to be followed strictly.
42. Regular health 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.
43. Project Proponent has to strictly follow the direction/guidelines issued by MoEF&CC, CPCB and other Govt. Agencies from time to time.
44. The blasting will be done only after getting the permission from the Mining Department.