

### **Minutes of 704<sup>th</sup> SEAC-2 Meeting Dated 24/11/2022**

The 704<sup>th</sup> meeting of SEAC-2 was held in the Directorate of Environment, U.P. through dual-mode (physically/virtually) at 10:00 AM on 24/11/2022. Following members participated in the meeting:

- |    |                             |                             |
|----|-----------------------------|-----------------------------|
| 1. | Dr. Harikesh Bahadur Singh, | Chairman, SEAC-2            |
| 2. | Dr. Amrit Lal Halder,       | Member, SEAC-2 (through VC) |
| 3. | Dr. Dineshwar Prasad Singh, | Member, SEAC-2 (through VC) |
| 4. | Shri Tansar Ullah Khan,     | Member, SEAC-2              |
| 5. | Prof. Jaswant Singh,        | Member, SEAC-2              |
| 6. | Shri Ashish Tiwari,         | Member Secretary, SEAC-2    |

The Chairman welcomed the members to the 704<sup>th</sup> SEAC-2 meeting which was conducted via dual-mode (virtually/physically). Nodal Officer, SEAC-2 informed the committee that the agenda has been approved by the Member Secretary, SEAC-2/Director, Environment. Nodal Officer, SEAC-2 placed the agenda items along with the available file and documents before the SEAC-2.

1. **“Jaypee Greens Aman” at Sector - 151, Noida, District Gautama Budh Nagar, U.P., M/s Jaypee Infratech Limited, File No. 7314/7206/Proposal No. SIA/UP/INFRA2/403586/2022**

#### **RESOLUTION AGAINST AGENDA NO. 01**

The project proponent/consultant 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 requests on prescribed online portal.

2. **City Side Development Project village- Farukhabad Chillavan, Tehsil – Sarojni Nagar, Lucknow, M/s Adani Airport Holdings Limited. File No. 7320/7087/Proposal No. SIA/UP/INFRA2/404080/2022**

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Grass Roots Research and Creation (I) Pvt. Ltd. The committee discussed the matter and directed the project proponent to submit following information:

1. Proponent to provide the captive facility of Municipal Solid Waste treatment and disposal in its project. Plan for Municipal solid waste to this project along with quantity, collection and proper disposal and location of OWC to be located in Layout plan and also provide the details of latest technology to be used.
2. Proponent to provide the Effluent Treatment Plant (ETP) details and Sewage treatment plan (STP) proposal with respect to the specific project and also provide the proposal for utilization of treated water in its different / various process to reduce the requirement of fresh water consumption.
3. Revised plan for conservation of water and to replenish ground water resources of area, rainwater harvesting system including roof top rain water harvesting as well as recharging system to be submitted and presented.
4. Proponent shall provide the dual pipeline network in the project for utilization of treated water of STP and ETP for different purposes and also provide the monitoring mechanism for the same.

5. Proponent to submit and present a report on existing plantation at the site and also submit the revised detailed plan for Plantation with area specific plant species, number of plants to be planted and place of plantation along with a proper map as per MOEFF/CPCB/LDA guidelines.
6. The project proponent shall submit a plan for measuring and monitoring the various sources of water supply namely fresh water, treated wastewater and harvested rain water on day basis.
7. Proponent to submit a revised Plan for parking along with electric vehicle charging facility location in the premises.
8. Proponent to submit the Water balance flow diagram incorporating three different sources of water supply namely fresh water, treated wastewater and harvested rain water along with their reuses in different process and purposes with specific to the project
9. Proponent to provide layout plan of project which indicates the location of ETP, STP, DG sets, storage facility for rain water harvesting and Organic waste converter site (OWC).
10. The project proponent should use more renewable energy such as solar energy as far as possible to reduce the consumption of conventional electricity in order to reduce the GHG emission.

The matter shall be discussed after submission of online information through Parivesh Portal.

**3. Ordinary Earth Mining Project at Gata No.-342, Village- Himmatnagar, Tehsil- Dhaulana, District- Hapur, U.P., M/s S A Traders, Shahid Ali, Area-1.508 ha., File No. 7327/Proposal No. SIA/UP/MIN/404998/2022**

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s AWS Envirotech (OPC) Pvt. Ltd. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for Ordinary Earth Mining Project at Gata No. 342, Village- Himmatnagar, Tehsil- Dhaulana, District- Hapur, U.P., (Leased Area-1.508 ha.), M/s S A Traders.
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/404998/2022		
2.	File No. allotted by SEIAA, UP	7327		
3.	Name of Proponent	S A Traders (Shri Shahid Ali)		
4.	Full correspondence address of proponent and e-mail id	R/o-F-7, Gaffar manjil extension, Hazi colony, Jatiya nagar, New Delhi		
		E-mail Id- shahidali541818@gmail.com		
5.	Name of Project	Ordinary earth mine, Gata no.-342, Village- Himmatnagar, Tehsil- Dhaulana, District- Hapur, U.P. developed by M/s S A Traders (ShriShahid Ali)		
6.	Project Location (Plot. Khasra/Gata No.)	Gata no.- 342, Village- Himmatnagar, Tehsil-Dhaulana, District- Hapur, U.P.		
7.	Name of River	NA		
8.	Name of Village	Himmatnagar		
9.	Tehsil	Dhaulana		
10.	District	Hapur		
11.	Name of Minor Mineral	Ordinary earth		
12.	Sanctioned Lease Area (in Ha.)	1.508ha.		
13.	Max. & Min mRL within lease area	Highest-214mRL & Lowest-213mRL		
14.	Pillar Coordinates (Verified by DMO)	Plot No	Points	Latitude
		342	A	28°40'22.04"N
			B	28°40'19.15"N
			C	28°40'16.44"N
				Longitude
				77°41'41.99"E
				77°41'46.28"E
				77°41'43.98"E

			D	28°40'19.22"N	77°41'39.83"E
15.	Total Geological Reserves	33176m <sup>3</sup>			
16.	Total Mineable Reserve (as per Approved Mine Plan)	28365m <sup>3</sup>			
17.	Total Proposed Production	22650m <sup>3</sup> (for 3 months)			
18.	Proposed Production (In 3 months)	22650m <sup>3</sup> (for 3 months)			
19.	Sanctioned Period of Mine lease	03 months			
20.	Method of Mining	Opencast, Semi-Mechanized			
21.	No. of working days	90			
22.	Working hours/day	8			
23.	No. of worker	24			
24.	No. of vehicles movement/day	26			
25.	Type of Land	Private land			
26.	Ultimate of Depth of Mining	2.2m			
27.	Nearest metalled road from site	200 m			
28.	Water Requirement	PURPOSE		REQUIREMENT (KLD)	
		Drinking		0.24KLD	
		Suppression of dust		0.80KLD	
		Plantation		0.10 KLD	
		Total		1.14KLD	
29.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s AWS Envirotech (OPC) Pvt. Ltd 2 <sup>nd</sup> floor Devpuri plaza, Neelgiri crossing, Faizabad road, Indranagar , Lucknow-226016, U.P. Certificate no. NABET/EIA/2225/IA 0097 (Rev.01) Valid Till July 14,2025			
30.	Any litigation pending against the project or land in any court	No			
31.	Details of 500 m Cluster Certificate verified by Mining Officer	vide letter no.-258 Dated-28.10.2022			
32.	Details of Lease Area in approved DSR	1.508ha.			
33.	Proposed CER cost	Rs14,000/-			
34.	Proposed EMP cost	Total project cost-Rs 7.0 Lakhs, EMP Cost- Rs. 1,23,300/-			
35.	Length and breadth of Haul Road	200m			
36.	No. of Trees to be Planted	50			

- 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).

The consultant (EIA Coordinator) also submitted an affidavit dated 01/11/2022 mentioning is as follows:

- I, Sandeep Kumar, S/o Sri R.K. Verma is EIA Coordinator of M/s AWS Envirotech (OPC) Pvt. Ltd.
- I have prepared the EC application report for the Ordinary Earth Mining Project at Gata No. 342, Village- Himmatnagar, Tehsil- Dhaulana, District- Hapur, U.P., (Leased Area-1.508 ha.), M/s S A Traders with my team.
- I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.

4. I am satisfied with that all the necessary data/information submitted along with EC are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivash Portal.
6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which will be submitted after acceptance of application.
7. The EMP report for the Proposal is prepared by my team as per guideline laid down by QCI/NABET.

**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 these minutes.**

**4. “Building Stone (Khanda, Gitti, Boulder, Ballast, Red Morrum) Mining Project” at Araj No.: 1498, Khand No: 04, Village:Pahra, Tehsil: Sadar, District: Mahoba, Shri Ram Gopal Singh, Area: 0.546 Ha., File No. 6758/Proposal No. SIA/UP/MIN/69770/2021**

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s P & M Solution. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for “Building Stone (Khanda, Gitti, Boulder, Ballast, Red Morrum) Mining Project” at Araj No. 1498, Khand No: 04, Village: Pahra, Tehsil: Sadar, District: Mahoba, U.P., (Leased Area: 0.546 Ha.).
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 469/Parya/SEIAA/6758/2021, dated 04/03/2022.
3. The Public Hearing was organized on 29/06/2022. Final EIA Report was submitted by the Project Proponent on 28/09/2022.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/69770/2021		
2. File no. allotted by SEIAA,UP	6758		
3. Name of Proponent	Prop. Shri Ram Gopal Singh S/o Shri Balram Singh		
5. Full correspondence address of proponent and mobile no.	R/o- Kachehari Road, Parmanand Chauk, Gandhinagar, District: Mahoba, U.P. Pin Code- 210427		
5. Name of Project	Building Stone/ Khanda, Boulder, Gitti, Ballast, Red Morrum Mine		
6. Project location (Plot/Khasra/Gata No.)	Araj No. 1498, Khand No. 04		
7. Name of River	-		
1. Name of Village	Pahra		
9. Tehsil	Sadar		
10. District	Mahoba		
11. Name of Minor Mineral	Building Stone/ Khanda, Boulder, Gitti, Ballast, Red Morrum Mine		
12. Sanctioned Lease Area (in Ha.)	Total Lease Area: 0.546 Ha		
13. Mineable Area (in Ha.)	0.546 Ha		
14. Zero Level mRL	-		
15.Max. & Min mRL within lease area	Highest Point :179mRL Lowest Point :160mRL		
16. Pillar Coordinates (Verified by DMO)	Sanction Lease Area Co-ordinate		
	Pillars	Latitude (N)	Longitude (E)
	A	25°21'7.73"N	80° 3'23.86"E

(Source: Verified Khasra Map)	B	25°21'7.66"N	80° 3'27.36"E
	C	25°21'6.66"N	80° 3'27.62"E
	D	25°21'5.77"N	80° 3'25.46"E
	E	25°21'5.52"N	80° 3'23.42"E
17. Total Geological Reserves (Source: Approved Mining Plan)	2,62,365 m <sup>3</sup>		
18. Total Mineable Reserves (Source: Approved Mining Plan)	58,972 m <sup>3</sup>		
19. Total Proposed Production (in five years)	54,600 m3		
20. Proposed Production/year	10,920 m <sup>3</sup> per annum		
21. Sanctioned Period of Mine lease	10 years		
23. Method of Mining	Opencast, semi-mechanized		
24. No. of Working days	260 Days		
25. Working hours/day	8 -10 hours/day		
26. No. Of Workers	27		
27. No. of vehicles movement/day	2 Units (Assumed Loading Capacity: 20 m <sup>3</sup> /Unit)		
28. Type of Land	State Government Land		
29. Ultimate Depth of Mining	30 m (179mRL – 149mRL) (Source: Approved Mining Plan)		
30. Nearest metalled road from site	1420 m		
31. Water Requirement	Purpose	Requirement (KLD)	
	Drinking	0.135	
	Suppression of Dust	1.1	
	Plantation	9.94	
	Total	11.175	
32. Name of QCI Accredited Consultant with QCI No. and period of validity.	P AND M Solution Certificate No.: NABET/EIA/1922/IA0053, Valid Till Dec 10/2022		
33. Any litigation pending against the project or hand in any court	No		
34. Details of 500 m Cluster Map & certificate issued by Mining Officer	Cluster certificate issued by DMO (Mining Section), Mahoba Letter No. 1485/ एम. एम. सी 30/2021-22, Date – 01-09-2021		
35. Details of Lease Area in approved DSR	Approved DSR Amendment Letter, Mahoba: 6281/ एम. एम. सी-30- खनिज (2020-21) Pg No.:03, Sr No.49, दिनांक 27.02.2021		
36. Proposed CER Cost	Rs. 4.20 Lakhs (5% of the total Project Cost)		
37. Proposed EMP Cost	Rs. 24.90 Lakhs		
38. Length and width of Approach Road	Approach Road Length 1420 m & Width 7 m		
39. No. of Trees to be Planted	1000 Trees		

6. 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.
7. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
8. 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.
9. There is no litigation pending in any court regarding this project.
10. The project proposal falls under category–1(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 22/11/2022 mentioning is as follows:

1. I, Dr. Jatin Kumar Srivastava S/o Late Shri. Lalit Kishore Srivastava is EIA Coordinator of M/s P & M Solution, Noida, QCI/NABET Certificate No. NABET/EIA/1922/IA0053 valid till Dec. 10 2022.
2. The present EIA/EMP report earlier belonged to Globus Environment Engineering Services, Lucknow, whereas the Project Proponent changed the consultant because of personal reasons. Intimation of the change of consultant has already been given to the SEAC/SEIAA UP.

3. I and my team have checked the EIA/EMP report and suggested corrections have duly been incorporated within the report for the proposal SIA/UP/MIN/69770/2021 in Name of Shri Ram Gopal Singh S/o Shri Balram Singh.
4. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
5. I am satisfied that all the necessary data/ information submitted along with Application / EIA/ EMP are true and correct.
6. I certify that this project proposal has been uploaded for the first time on Parivesh Portal. In case the project is being uploaded for the 2nd time that is only after the withdrawal of previous project has been accepted by SEIAA, UP on Parivesh Portal.
7. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
8. I state that all the TOR Points have been complied and all the issues raised during Public Hearing have been properly addressed in EIA report. (If and as required)
9. The EIA/EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

**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 to these minutes. The committee also stipulated the following specific conditions:**

1. The project proponent shall install solar light in their site office.
2. During the submission of 6 monthly compliance reports, the project proponent should make sure that the periodically taken site photographs should also be annexed along with the compliance report.
3. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
4. The maximum height of the bench should be 06 meters and the width of the bench should be at least twice the height of the bench as per the mine plan approval letter by DGM, U.P
5. In case the blasting is proposed during a mining operation, the project proponent needs to assess its impact on the 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 in first 6 monthly compliance report. The project proponent will ensure that there is no any residential and public building/inhabited area within the regulation for danger zone.
6. The project proponent shall submit a final mine closure plan/Exit protocol for rehabilitation of mined-out land to match its surrounding land use 3years before the closure of the mine to SEIAA, UP and Department of Mines and Geology, UP for approval. The project proponent shall ensure the implementation of the approved plan under the supervision of the Dept. of Mines and Geology.
7. The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flow from the quarry area. The surface runoff rainwater harvesting and other water conservation measures on a long-term basis are to be taken in consultation with the Central/State Groundwater Board. The water so collected should be utilized for watering the haulage area, roads, and green belt development, etc.
8. The project proponent shall take all suitable measures to prevent pollution of groundwater and nearby water bodies in consultation with the State Pollution Control Board and consent to operate (if applicable) should be obtained from the State Pollution Control Board before the start of production from the mine.
9. Link Road from the quarry site to the main road shall be constructed as an all-weather road with blacktopping and maintained by the project proponent.
10. Vehicular emissions should be kept under control and regularly monitored. Suitable measures shall be taken for proper maintenance of vehicles used in a quarry operation and transportation.

11. The project proponent should explore the possibilities of rainwater harvesting.
12. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.
13. Latest technology (water sprinklers/ tankers) to be adopted for mitigating dust at source points in lease area and haulage road during operational activity/vehicular movement.
14. As per the proposed plan, plantation with area specific plant species, number of plants to be Planted and report of green belt development to be submitted to the concerning department.

**5. Office Building Project located at Plot No.- 09 Sector-127, Noida, District- Gautam Buddha Nagar, M/s Hotel Library Club Private Limited, Shri Rajeev Sharma., File No. 7342/Proposal No. SIA/UP/INFRA2/405792/2022**

**RESOLUTION AGAINST AGENDA NO. 05**

The committee noted that the project proponent/consultant has already submitted another application under category 8(a) vide proposal no. SIA/UP/INFRA2/403747-2022 (SEIAA file No. 7297) which is not accepted for withdrawal till date. Hence, the committee directed to defer the matter and the matter will be discussed after acceptance of withdrawal application along with the queries raised by the committee members during the presentation.

The file shall not be treated as pending at SEAC. The matter will be discussed only after submission of online requests on prescribed online portal.

**6. Daulatpur Soil Mining Project at Khasra No- 43, 127/ya208, 126mi, 153, 154, 155, 157mi, 191, 195, Village – Daulatpur Mu. Tahsil.- Puwanya, District- Shahjahanpur, U.P. (Leased Area: 4.935 Ha.) By Rajesh Kumar Verma. File No. 7332/Proposal No. SIA/UP/MIN/405996/2022**

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Rian enviro Private Limited. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for Daulatpur Soil Mining Project at Khasra No- 43, 127/ya, 208, 126mi, 153, 154, 155, 157mi, 191, 195, Village – Daulatpur Mu. Tahsil.- Puwanya, District- Shahjahanpur, U.P., (Leased Area: 4.935 Ha.).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/405996/2022		
2. File No .allotted by SEIAA,UP	7332		
3. Name of Proponent	Rajesh Kumar Verma		
4. Registered Address	Gadiya Sareli, Puwanya, Shahjahanpur, U.P		
5. Full correspondence address of proponent and mobile no.	Gadiya Sareli, Puwanya, Shahjahanpur, U.P		
	rajeshspnspn@gmail.com		
6. Name of Project	Daulatpur Soil Mining Project		
7. Project location (Plot/ Khasra /Gata No.)	Khasra No- 43, 127/ya208, 126mi, 153, 154, 155, 157mi, 191, 195		
8. Name of Village	Daulatpur Mu. Tah,		
9. Tehsil	Puwanya		
10.District	Shahjahanpur		
11. Name of Minor Mineral	Ordinary soil		
12. Total Area (in Ha.)	4.935 ha		
13. Mineable Area (in Ha.)	4.6883 ha		
14.Pillar Coordinates(Verified by OMO)		Latitude	Longitude
		43	
	A	28°11'45.65"N	80°11'22.70"E
	B	28°11'42.97"N	80°11'19.56"E
	C	28°11'45.19"N	80°11'17.28"E

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	D	28°11'47.86"N	80°11'20.28"E
		127/ya208	
	A	28°11'30.20"N	80°11'21.30"E
	B	28°11'25.82"N	80°11'16.34"E
	C	28°11'28.03"N	80°11'13.82"E
	D	28°11'30.84"N	80°11'17.21"E
	E	28°11'30.37"N	80°11'17.92"E
	F	28°11'31.71"N	80°11'19.66"E
		126mi	
	A	28°11'29.03"N	80°11'14.97"E
	B	28°11'28.06"N	80°11'13.79"E
	C	28°11'30.59"N	80°11'10.78"E
	D	28°11'31.51"N	80°11'12.02"E
		153	
	A	28°11'26.50"N	80°11'3.86"E
	B	28°11'24.75"N	80°11'2.08"E
	C	28°11'25.65"N	80°11'1.06"E
	D	28°11'27.33"N	80°11'2.96"E
		154	
	A	28°11'24.34"N	80°11'6.44"E
	B	28°11'22.50"N	80°11'4.61"E
	C	28°11'23.10"N	80°11'3.95"E
	D	28°11'24.87"N	80°11'5.82"E
		155	
	A	28°11'23.49"N	80°11'7.43"E
	B	28°11'21.65"N	80°11'5.56"E
	C	28°11'22.46"N	80°11'4.62"E
	D	28°11'24.32"N	80°11'6.49"E
		157mi	
	A	28°11'25.56"N	80°11'16.12"E
	B	28°11'23.95"N	80°11'14.29"E
	C	28°11'25.11"N	80°11'12.75"E
	D	28°11'26.86"N	80°11'14.60"E
		191	
	A	28°11'21.92"N	80°10'58.89"E
	B	28°11'20.30"N	80°10'57.16"E
	C	28°11'21.03"N	80°10'56.29"E
	D	28°11'22.65"N	80°10'58.06"E
		195	
	A	28°11'15.09"N	80°11'0.07"E
	B	28°11'14.50"N	80°10'59.44"E
	C	28°11'16.12"N	80°10'57.21"E
	D	28°11'16.86"N	80°10'58.04"E
15. Period of agreement between Project proponent & Land Owner	6 months		
16. Mine Plan approval details	Letter No. 1367 dated 19-10-2022		
17. Validity of Mine Plan	6 months		
18. Total Proposed Production (six months)	1,72,526 tonnes /107829 cum		
19. Proposed Production/year	The project is only for 6 months		
20. Method of Mining	Opencast Semi-Mechanized		
21. No.Of workers	30		
22. Type of Land	Pvt. Land (Agriculture)		
23. Ultimate Depth of Mining	2.5 Meter		
24. Water Requirement	Purpose	Requirement (kld)	
	Drinking and domestic	1.05	
	Suppression of dust	1.00	
	Plantation	1.7	



	Others( if any)	----	
	Total	3.75	
25. Name of QCI Accredited Consultant with QCI No and period of validity.	Rian Enviro Private Limited 202, 204, Mangal market, Raza Bazar Sheikhpura Patna, Bihar Valid till: 10/03/2024		
26. Any litigation pending against the project or land in any court	No		
27. Areas which are important or sensitive for ecological reasons – Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests, protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, migration	Nil	--	
28. Areas occupied by sensitive manmade land uses(hospitals, schools, places of worship, community facilities)	Nil	--	
29. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 1723 dated 14-11-2022		
30. Proposed CER cost	0.40 Lakh		
31. Proposed EMP cost	1.0 Lakh		
32. No. of Trees to be Planted	850		
33. Detail of CTE issued by UPPCB (for brick kiln project)	NA		

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

The consultant (EIA Coordinator) also submitted an affidavit dated 26/10/2022 mentioning is as follows:

1. I, Muzaffar Ahmad, S/o Iqbal Ahmad is EIA Coordinator of Rian Enviro Pvt. Ltd, Patna, Bihar.
2. I have prepared EIA/EMP (B-2 project) for the proposal in the name of Daulatpur Soil Mining Project with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information submitted along with application/EIA(B2)/EMP are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which is submitted after acceptance of application.
7. The EIA (B2 project) report for the Proposal is prepared by my team as per guideline laid down by QCI/NABET.

#### **RESOLUTION AGAINST AGENDA NO. 06**

**The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-2 to these minutes.**

**7. Expansion of Existing Production Capacity of TMT Bar/MS Bar from 54000 MTA to 110000 MTA through continuous casting machine (CCM) and installation of two induction furnace of capacity 15 MT each for manufacturing of M.S Billets/M.S. Ingot having installed capacity 118800 MTA at Village Salarpur, Tehsil - Jansath, District - Muzaffarnagar, U.P., M/s Swarup Rolling Mills Limited. File No. 7344/Proposal No. SIA/UP/IND1/405956/2022**

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Paramarsh (Servicing Environment and Development), Lucknow, U.P. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The terms of reference is sought for Expansion of Existing Production Capacity of TMT Bar/MS Bar from 54000 MTA to 110000 MTA through continuous casting machine (CCM) and installation of 02 induction furnace of capacity 15 MT each for manufacturing of M.S Billets/M.S. Ingot having installed capacity 118800 MTA at Village Salarpur, Tehsil - Jansath, District - Muzaffarnagar, U.P., M/s Swarup Rolling Mills Limited.
2. The land was converted to non-agricultural on dated 02/12/2005 and the unit operated before the commencement of EIA notification 14/09/2006.
3. The existing capacity of the company is 4500 MT/month (54000 MT/Annum (1 Sift) and for this capacity Consolidated Consent to Operate and Authorization has been issued vide ref No. 157377/UPPCB/ Muzaffarnagar (UPPCBRO)/ CTO/ both/ Muzaffarnagar/2022 dated 15.06.2022 from UPPCB. This CCA Swarup Rolling Mills Limited granted for the period from 01/08/2022 to 31/07/2025
4. The project proponent decided to set up 2 Induction Furnaces of 15 MT each capacity will be installed for the manufacturing of M.S Billets having installed capacity of 118800 M.T. per annum and Expansion of existing production capacity of TMT Bar/MS Bar from 54000 MTA to 110000 MTA through continuous casting machine (CCM).
5. Salient features of the project:

Particulars		Details		
Name		M/s Swarup Rolling Mills Limited		
Registered Office		139, Upper Ground Floor, Deffence Enclave, New Delhi 110092.		
Name of Applicant		Shri Vikas Swarup		
Designation		Director		
Nature and Size of Project		Existing product detail		
		Particulars	Quantity	
		TMT Bars/MS Bar	54000 MT/Annum (1 Sift)	
		Proposed product detail after expansion		
		Particulars	Quantity	
		TMT Bars/MS Bar	110000 MT/Annum ( 2 Shift)	
		M.S Billets/M.S.Ingot	118800 MT/Annum	
Area Details				
Total Plot Area		Total Plot Area:- 30350 m2 (3.035 ha)		
Gata no.		218ma, 219, 220, 223, 225		
Greenbelt/Plantation Area		10,015 m2		
		> 33.0 % of the project area will be covered under green belt and plantation.		
Geo coordinates		Pillar	Latitude	Longitude
		A	29°19'10.33"N	77°52'56.01"E
		B	29°19'14.46"N	77°52'58.34"E
		C	29°19'15.94"N	77°52'59.07"E
		D	29°19'15.21"N	77°53'1.31"E

	E	29°19'14.92"N	77°53'1.20"E
	F	29°19'12.92"N	77°53'6.27"E
	G	29°19'11.63"N	77°53'5.67"E
	H	29°19'11.45"N	77°53'5.96"E
	I	29°19'8.04"N	77°53'3.77"E
	J	29°19'8.59"N	77°53'2.51"E
	K	29°19'7.80"N	77°53'1.97"E
Cost Details			
Total Project Cost		Rs. 33.27 Crore	
CER		Rs. 66.54 Lakh (2 % of total project cost as per the OM 2018 of MoEFCC)	
Basic Requirements for the project			
Fresh Water Requirement		50 KLD	
Source of Water		Ground Water	
Wastewater Discharge		Unit is based on Zero Liquid Discharge	
Power Requirement			
	Existing		After Expansion
	2700 KVA		15000 KVA
Source of Power		Uttar Pradesh Power Corporation Limited	
D.G. Set Capacity with stack height		125 KVA	
Man Power Requirement			
	Existing		After Expansion
	61		85
Working Days		330 days / Annum	

**6. Raw material details:**

Major Raw Material	MS Scarp: 120000 MT/Annum Sponge as per the requirement.
Source of Raw Materials	MS Scrape: Local Markets like Ghaziabad, New Delhi Sponge Iron: Easily available in West Bengal, Jharkhand, Orissa and nearby areas
Induction Furnace Capacity	2 Nos 15 MT Induction Furnace
Solid Waste	Solid waste generated is in the form of slag-sand. This slag- sand is sold to brick makers

**7. Waste generation details:**

Wastewater Discharge	Unit is based on Zero Liquid Discharge
Solid Waste	The Solid waste generated is in the form of slag-sand. This is collected when slag (that is formed when the raw material is melted in the furnace) is tapped & segregated upon cooling in the slag machine using magnetic separators. This slag- sand is sold to brick makers
Domestic Solid waste	13kg/day (will be managed as per the solid waste management rule 2016)

**8. The project proposal falls under category-3(a) of EIA Notification, 2006 (as amended).**

The consultant (EIA Coordinator) also submitted an affidavit dated 21/11/2022 mentioning is as follows:

1. I Dr. Shibeshwar Prasad S/o Dr. Bisheshwar Prasad am EIA Coordinator of M/s Paramarsh (Servicing Environment and Development), Lucknow, U.P.
2. I have prepared the form-1, Pre-feasibility report for the file no. 7344, proposal SIA/UP/IND1/405956/2022 of the client Shri Vikas Swarup for the Expansion of Existing Production Capacity of TMT Bar/MS Bar from 54000 MTA to 110000 MTA through continuous casting machine (CCM) and installation of 02 induction furnace of capacity 15 MT each for manufacturing of M.S Billets/M.S. Ingot having installed capacity 118800 MTA at Village Salarpur, Tehsil - Jansath, District - Muzaffarnagar, U.P., M/s Swarup Rolling Mills Limited.
3. I have personally visited the site of proposal and certify that no construction activity has been undertaken on the project site in the expansion area for the present proposal.
4. I am satisfied that all the necessary data/ information submitted along with terms of reference (ToR) are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.

6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. Thu EIA/EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

**RESOLUTION AGAINST AGENDA NO. 07**

**The committee discussed the matter and recommended to issue standard terms of reference prescribed by MoEFCC along with additional TOR for the preparation of EIA:**

**Additional TOR:**

1. Complete plan/proposal for slag utilization to be prepared and submitted.
2. Proposal for Air pollution control system along with primary and secondary system to control fugitive emissions to be submitted.
3. Existing green belt detail and proposed plantation along with map to be submitted.
4. Photographs of existing plan along with air pollution control system to be provided
5. Compliance report of CPCB/SPCB direction/guidelines for this category of plants to be submitted.
6. Layout map indicating existing unit as well as proposed unit indicating storage area, plant area, utilities etc.
7. Monitoring site photographs along with person, date, time and place with geo coordinates should be submitted.
8. Proponent shall submit a notarized affidavit mentioning that the unit falls under NCR/ non-attainment cities area or not.
9. Expansion/modernization plan of existing unit.

**Standard terms of reference:**

- 1) Executive Summary.
- 2) Introduction
  - i. Details of the EIA Consultant including NABET accreditation
  - ii. Information about the project proponent
  - iii. Importance and benefits of the project
- 3) Project Description
  - i. Comparative details of existing plant and proposed expansion.
  - ii. Compliance report of CTO/CTE for existing unit.
  - iii. Cost of project and time of completion.
  - iv. Products with capacities for the proposed project.
  - v. If expansion project, details of existing products with capacities and whether adequate land is available for expansion, reference of earlier EC if any
  - vi. List of raw materials required and their source along with mode of transportation.
  - vii. Other chemicals and materials required with quantities and storage capacities
  - viii. Details of Emission, effluents, hazardous waste generation and their management.
  - ix. Requirement of water, power, with source of supply, status of approval, water balance diagram, man-power requirement (regular and contract)
  - x. Process description along with major equipments and machineries, process flow sheet (quantitative) from raw material to products to be provided
  - xi. Hazard identification and details of proposed safety systems.
  - xii. Expansion/modernization proposals:
  - xiii. Copy of all the Environmental Clearance(s) including Amendments thereto obtained for the project from MOEF/SEIAA shall be attached as an Annexure. A certified copy of the latest

Monitoring Report of the Regional Office of the Ministry of Environment and Forests as per circular dated 30th May, 2012 on the status of compliance of conditions stipulated in all the existing environmental clearances including Amendments shall be provided. In addition, status of compliance of Consent to Operate for the ongoing existing operation of the project from SPCB shall be attached with the EIA-EMP report.

- xiv. In case the existing project has not obtained environmental clearance, reasons for not taking EC under the provisions of the EIA Notification 1994 and/or EIA Notification 2006 shall be provided. Copies of Consent to Establish/No Objection Certificate and Consent to Operate (in case of units operating prior to EIA Notification 2006, CTE and CTO of FY 2005-2006) obtained from the SPCB shall be submitted. Further, compliance report to the conditions of consents from the SPCB shall be submitted.

**4) Site Details**

- i. Location of the project site covering village, Taluka/Tehsil, District and State, Justification for selecting the site, whether other sites were considered.
- ii. A toposheet of the study area of radius of 10km and site location on 1:50,000/1:25,000 scale on an A3/A2 sheet. (including all eco-sensitive areas and environmentally sensitive places)
- iii. Details w.r.t. option analysis for selection of site
- iv. Co-ordinates (lat-long) of all four corners of the site.
- v. Google map-Earth downloaded of the project site.
- vi. Layout maps indicating existing unit as well as proposed unit indicating storage area, plant area, greenbelt area, utilities etc. If located within an Industrial area/Estate/Complex, layout of Industrial Area indicating location of unit within the Industrial area/Estate.
- vii. Photographs of the proposed plant site. If existing, show photographs of plantation/greenbelt, in particular.
- viii. Landuse break-up of total land of the project site (identified and acquired), government/private - agricultural, forest, wasteland, water bodies, settlements, etc shall be included. (not required for industrial area)
- ix. A list of major industries with name and type within study area (10km radius) shall be incorporated. Land use details of the study area.
- x. Geological features and Geo-hydrological status of the study area shall be included.
- xi. Details of Drainage of the project upto 5km radius of study area. If the site is within 1 km radius of any major river, peak and lean season river discharge as well as flood occurrence frequency based on peak rainfall data of the past 30 years. Details of Flood Level of the project site and maximum Flood Level of the river shall also be provided. (mega green field projects)
- xii. Status of acquisition of land. If acquisition is not complete, stage of the acquisition process and expected time of complete possession of the land.
- xiii. R&R details in respect of land in line with state Government policy.

**5) Forest and wildlife related issues (if applicable):**

- i. Permission and approval for the use of forest land (forestry clearance), if any, and recommendations of the State Forest Department. (if applicable)
- ii. Land use map based on High resolution satellite imagery (GPS) of the proposed site delineating the forestland (in case of projects involving forest land more than 40 ha)
- iii. Status of Application submitted for obtaining the stage I forestry clearance along with latest status shall be submitted.
- iv. The projects to be located within 10 km of the National Parks, Sanctuaries, Biosphere Reserves, Migratory Corridors of Wild Animals, the project proponent shall submit the map

duly authenticated by Chief Wildlife Warden showing these features vis-à-vis the project location and the recommendations or comments of the Chief Wildlife Warden-thereon

- v. Wildlife Conservation Plan duly authenticated by the Chief Wildlife Warden of the State Government for conservation of Schedule I fauna, if any exists in the study area
- vi. Copy of application submitted for clearance under the Wildlife (Protection) Act, 1972, to the Standing Committee of the National Board for Wildlife

**6) Environmental Status**

- I. Determination of atmospheric inversion level at the project site and site-specific micro-meteorological data using temperature, relative humidity, hourly wind speed and direction and rainfall.
- II. AAQ data (except monsoon) at 8 locations for PM10, PM2.5, SO<sub>2</sub>, NO<sub>x</sub>, CO and other parameters relevant to the project shall be collected. The monitoring stations shall be based CPCB guidelines and take into account the pre-dominant wind direction, population zone and sensitive receptors including reserved forests.
- III. Raw data of all AAQ measurement for 12 weeks of all stations as per frequency given in the NAAQM Notification of Nov. 2009 along with - min., max., average and 98% values for each of the AAQ parameters from data of all AAQ stations should be provided as an annexure to the EIA Report.
- IV. Surface water quality of nearby River (100m upstream and downstream of discharge point) and other surface drains at eight locations as per CPCB/MoEF&CC guidelines.
- V. Whether the site falls near to polluted stretch of river identified by the CPCB/MoEF&CC, if yes give details.
- VI. Ground water monitoring at minimum at 8 locations shall be included.
- VII. Noise levels monitoring at 8 locations within the study area.
- VIII. Soil Characteristic as per CPCB guidelines.
- IX. Traffic study of the area, type of vehicles, frequency of vehicles for transportation of materials, additional traffic due to proposed project, parking arrangement etc.
- X. Detailed description of flora and fauna (terrestrial and aquatic) existing in the study area shall be given with special reference to rare, endemic and endangered species. If Schedule-I fauna are found within the study area, a Wildlife Conservation Plan shall be prepared and furnished.
- XI. Socio-economic status of the study area.

**7) Impact and Environment Management Plan**

- I. Assessment of ground level concentration of pollutants from the stack emission based on site specific meteorological features. In case the project is located on a hilly terrain, the AQIP Modelling shall be done using inputs of the specific terrain characteristics for determining the potential impacts of the project on the AAQ. Cumulative impact of all sources of emissions (including transportation) on the AAQ of the area shall be assessed. Details of the model used and the input data used for modelling shall also be provided. The air quality contours shall be plotted on a location map showing the location of project site, habitation nearby, sensitive receptors, if any.
- II. Water Quality modelling - in case of discharge in water body
- III. Impact of the transport of the raw materials and end products on the surrounding environment shall be assessed and provided. In this regard, options for transport of raw materials and finished products and wastes (large quantities) by rail or rail-cum road transport or conveyor cum-rail transport shall be examined.
- IV. A note on treatment of wastewater from different plant operations, extent recycled and reused for different purposes shall be included. Complete scheme of effluent treatment.

Characteristics of untreated and treated effluent to meet the prescribed standards of discharge under E(P) Rules.

- V. Details of stack emission and action plan for control of emissions to meet standards.
- VI. Measures for fugitive emission control
- VII. Details of hazardous waste generation and their storage, utilization and management. Copies of MOU regarding utilization of solid and hazardous waste in cement plant shall also be included. EMP shall include the concept of waste minimization, recycle/reuse/recover techniques, Energy conservation, and natural resource conservation.
- VIII. Proper utilization of fly ash shall be ensured as per Fly Ash Notification, 2009. A detailed plan of action shall be provided.
- IX. Action plan for the green belt development plan in 33 % area i.e. land with not less than 1,500 trees per ha. Giving details of species, width of plantation, planning schedule etc. shall be included. The green belt shall be around the project boundary and a scheme for greening of the roads used for the project shall also be incorporated.
- X. Action plan for rainwater harvesting measures at plant site shall be submitted to harvest rainwater from the roof tops and storm water drains to recharge the ground water and also to use for the various activities at the project site to conserve fresh water and reduce the water requirement from other sources.
- XI. Total capital cost and recurring cost/annum for environmental pollution control measures shall be included.
- XII. Action plan for post-project environmental monitoring shall be submitted.
- XIII. Onsite and Offsite Disaster (natural and Man-made) Preparedness and Emergency Management Plan including Risk Assessment and damage control. Disaster management plan should be linked with District Disaster Management Plan.

**8) Occupational Health:**

- I. Plan and fund allocation to ensure the occupational health & safety of all contract and casual workers
- II. Details of exposure specific health status evaluation of worker. If the workers' health is being evaluated by pre designed format, chest x rays, Audiometry, Spirometry, Vision testing (Far & Near vision, colour vision and any other ocular defect) ECG, during pre placement and periodical examinations give the details of the same. Details regarding last month analyzed data of above mentioned parameters as per age, sex, duration of exposure and department wise.
- III. Details of existing Occupational & Safety Hazards. What are the exposure levels of hazards and whether they are within Permissible Exposure level (PEL). If these are not within PEL, what measures the company has adopted to keep them within PEL so that health of the workers can be preserved,
- IV. Annual report of health status of workers with special reference to Occupational Health and Safety.

**9) Corporate Environment Policy**

- I. Does the company have a well laid down Environment Policy approved by its Board of Directors? If so, it may be detailed in the EIA report.
- II. Does the Environment Policy prescribe for standard operating process / procedures to bring into focus any infringement / deviation / violation of the environmental or forest norms / conditions? If so, it may be detailed in the EIA.
- III. What is the hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the environmental clearance conditions? Details of this system may be given.

- IV. Does the company have 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? This reporting mechanism shall be detailed in the EIA report.
- 10) Details regarding infrastructure facilities such as sanitation, fuel, restroom etc. to be provided to the labour force during construction as well as to the casual workers including truck drivers during operation phase.
- 11) Enterprise Social Commitment (ESC)
- I. Adequate funds (at least 2.5 % of the project cost) shall be earmarked towards the Enterprise Social Commitment based on Public Hearing issues and item-wise details along with time bound action plan shall be included. Socio-economic development activities need to be elaborated upon.
- 12) Any litigation pending against the project and/or any direction/order passed by any Court of Law against the project, if so, details thereof shall also be included. Has the unit received any notice under the Section 5 of Environment (Protection) Act, 1986 or relevant Sections of Air and Water Acts? If so, details thereof and compliance/ATR to the notice(s) and present status of the case.
- 13) A tabular chart with index for point wise compliance of above TOR.
1. Complete process flow diagram describing each unit, its processes and operations, along with material and energy inputs & outputs (material and energy balance).
  2. Details on blast furnace/ open hearth furnace/ basic oxygen furnace/ladle refining, casting and rolling plants etc.
  3. Details on installation/activation of opacity meters with recording with proper calibration system
  4. Details on toxic metals including mercury, arsenic and fluoride emissions
  5. Details on stack height requirement for integrated steel
  6. Details on ash disposal and management -Non-ferrous metal
  7. Complete process flow diagram describing production of lead/zinc/copper/ aluminium, etc.
  8. Raw materials substitution or elimination
  9. Details on smelting, thermal refining, melting, slag fuming, and Waelz kiln operation
  10. Details on Holding and de-gassing of molten metal from primary and secondary aluminum, materials pre-treatment, and from melting and smelting of secondary aluminium
  11. Details on solvent recycling
  12. Details on precious metals recovery
  13. Details on composition, generation and utilization of waste/fuel gases from coke oven plant and their utilization.
  14. Details on toxic metal content in the waste material and its composition and end use (particularly of slag).
  15. Trace metals Mercury, arsenic and fluoride emissions in the raw material.
  16. Trace metals in waste material especially slag.
  17. Plan for trace metal recovery
  18. Trace metals in water

**8. "R.S. Residency Affordable Houses", 117 Kailash Residency, Mandi Road Jhansi, MSD Infrabuild Private Limited., File No. 7334/Proposal No. SIA/UP/INFRA2/400984/2022**

**RESOLUTION AGAINST AGENDA NO. 08**

The project proponent/consultant 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 requests on prescribed online portal.



**9. “Building Stone (Khanda, Giiti, Boulder, Ballast) Mining Project” at Araj No.: 122, Khand No. 04, Village: Chitaiyan, Tehsil: Sadar, District: Mahoba, U.P., Shri Arun Kumar Pahadi, Area: 1.012 Ha., File No. 6611/Proposal No. SIA/UP/MIN/67254/2021**

The committee noted that the matter was earlier listed in 538<sup>th</sup> SEAC meeting dated 12/04/2021 and decided the project proponent to submit following information;

1. Revised plantation details as per guidelines.
2. Revised EMP.
3. Production details should be mentioned in metric ton form.
4. Approved DSR from competent authority.
5. Original photo affidavit regarding salient features of the project.

The committee members also asked questions regarding the monitoring datas which is presented by consultant on dated 12/04/2021. Consultant was not properly answered, committee directed PP/Consultant that in the next time of presentation, responsible person for monitoring and testing should be remain present to answer the quarry raised by the committee.

The project proponent submitted their replies through online Parivesh portal on 22/08/2022 and the matter was listed in 682<sup>nd</sup> SEAC meeting dated 06/09/2022. The person present from the Lab was not able to answer the quarry and also not brings the original report of monitoring. The committee directed the project proponent/consultant that responsible person from laboratory (lab in-charge/area specific coordinator) should be present before SEAC in next meeting to clarify the monitoring data of EIA.

The project proponent submit a letter dated 21/11/2022 through which they have informed that they have changed their environment consultant from M/s Globus Environment Engineering Services to M/s P & M Solution and requested to list the matter in next SEAC meeting and the matter was listed in 704<sup>th</sup> SEAC meeting dated 24/11/2022.

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s P & M Solution. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for “Building Stone (Khanda, Giiti, Boulder, Ballast) Mining Project” at Araj No.: 122, Khand No. 04, Village: Chitaiyan, Tehsil: Sadar, District: Mahoba, U.P., (Leased Area: 1.012 Ha.).
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 932/Parya/SEIAA/6611/2021, dated 31/12/2021.
3. The Public Hearing was organized on 24/03/2022. Final EIA Report was submitted by the Project Proponent on 08/04/2022.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/67254/2021,Dated: 03-09-2021
2.File no. allotted by SEIAA,UP	6611
3. Name of Proponent	Arun Kumar Pahadi Pattedar Shri. Arun Kumar Dubey, S/o Late Vidya Sagar Dubey
4.Full correspondence address of proponent and mobile no.	R/o- Mo. Meherpuri Kotwali Sadar, District-Hamirpur U.P Pincode- 210301
5. Name of Project	Building Stone (Khandas, Gitti, Boulder & Ballast) Mining Project
6. Project location (Plot/Khasra/Gata No.)	Araj No.: 122 Khand No.: 04
7. Name of River	-

8. Name of Village	Chitaiyan										
9. Tehsil	Sadar										
10. District	Mahoba										
11. Name of Minor Mineral	“Khandas, Gitti, Boulder & Ballast”										
12. Sanctioned Lease Area (in ha.)	Total Lease Area: 1.012 Ha										
13. Mineable/Workable Area (in ha.)	1.012 Ha										
14. Zero level mRL	-										
15. Max. & Min mRL within lease area	The Highest Point at 256.0 mRL The Lowest Point at 250.0 mRL										
16. Pillar Coordinates (Verified by DMO)	Pillar      Latitudes (N)      Longitudes (E)										
(Source: Verified Khasra Map)	A      25°11'12.13"N      79°44'23.50"E										
	B      25°11'10.20"N      79°44'25.50"E										
	C      25°11'7.21"N      79°44'24.17"E										
	D      25°11'7.32"N      79°44'22.09"E										
17. Total Geological Reserves (Source: Approved Mining Plan)	3,91,542 m <sup>3</sup>										
18. Total Mineable Reserves (Source: Approved Mining Plan)	1,34,161 m <sup>3</sup>										
19. Total Proposed Production (in five years)	1,80,895m <sup>3</sup>										
20. Proposed Production/year	36,179 m <sup>3</sup> /Annum										
21. Sanctioned Period of Mine lease	10 years										
22. Method of Mining	Opencast, semi-mechanized										
23. No. of Working days	260 Days										
24. Working hours/day	8 hours/day										
25. No. of Workers	32										
26. No. of vehicles movement/day	10 Units (Assumed Loading Capacity: 40tons/Unit)										
27. Type of Land	State Government Land										
28. Ultimate Depth of Mining	30 meters (256 mRL – 226 mRL) (Source: Approved Mining Plan)										
29. Nearest metalled road from site	Length 0.25Km & Width 7 m										
30. Water Requirement	<table border="1"> <thead> <tr> <th>Purpose</th><th>Requirement (KLD)</th></tr> </thead> <tbody> <tr> <td>Drinking</td><td>0.160</td></tr> <tr> <td>Suppression Of Dust</td><td>3.50</td></tr> <tr> <td>Plantation</td><td>2.04</td></tr> <tr> <td>Total</td><td>5.70</td></tr> </tbody> </table>	Purpose	Requirement (KLD)	Drinking	0.160	Suppression Of Dust	3.50	Plantation	2.04	Total	5.70
Purpose	Requirement (KLD)										
Drinking	0.160										
Suppression Of Dust	3.50										
Plantation	2.04										
Total	5.70										
31. Name of QCI Accredited Consultant with QCI No. and period of validity.	P AND M Solution Certificate No.: NABET/EIA/1922/IA0053, Valid Till Dec 10/2022										
32. Any litigation pending against the project or hand in any court	No										
33. Details of 500 m Cluster Map & certificate issued by Mining Officer	Cluster certificate issued by DMO (Mining Section), Mahoba. Letter No. 1306/एम. एम. सी-30/2021-22, Date - 13/08/2021										
34. Details of Lease Area in approved DSR	Amendment Letter DSR, Mahoba : Page No-4, In Table Sr. No-116, 154/MMC-30-Khanij (2021-22), Dated: 12/05/2021										
35. Proposed CER Cost	Rs. 3.60 Lakhs (3% of the total Project Cost)										
36. Proposed EMP Cost	Rs. 21.55 Lakhs										
37. Length and breadth of Haul Road	Length 250 m & Width 7 m										
38. No. of Trees to be Planted	1020 Trees (1000 trees/ha.)										

- 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.

9. The project proposal falls under category–1(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 22/11/2022 mentioning is as follows:

1. I Dr. Jatin Kumar Srivastava S/o Late Shri. Lalit Kishore Srivastava is EIA Coordinator of M/s P & M Solution, Noida, QCI/NABET Certificate No. NABET/EIA/1922/IA0053 valid till Dec. 10 2022.
2. The present EIA/EMP report earlier belonged to M/s Parivesh Environmental Engineering Services, Lucknow, whereas the Project Proponent changed the consultant because of personal reasons. Intimation of the change of consultant has already been given to the SEAC/SEIAA UP.
3. I and my team have checked the EIA/EMP report and suggested corrections have duly been incorporated within the report for the proposal SIA/UP/MIN/67254/2021 in Name of Arun Kumar Pahadi Pattedar Shri Arun Kumar Dubey S/o Late Shri Vidya Sagar Dubey.
4. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
5. I am satisfied that all the necessary data/ information submitted along with Application / EIA/ EMP are true and correct.
6. I certify that this project proposal has been uploaded for the first time on Parivesh Portal. In case the project is being uploaded for the 2nd time that is only after the withdrawal of previous project has been accepted by SEIAA, UP on Parivesh Portal.
7. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
8. I state that all the TOR Points have been complied and all the issues raised during Public Hearing have been properly addressed in EIA report.
9. The EIA/EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

**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 to these minutes. The committee also stipulated the following specific conditions:**

1. The project proponent shall install solar light in their site office.
2. During the submission of 6 monthly compliance reports, the project proponent should make sure that the periodically taken site photographs should also be annexed along with the compliance report.
3. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
4. The maximum height of the bench should be 06 meters and the width of the bench should be at least twice the height of the bench as per the mine plan approval letter by DGM, U.P
5. In case the blasting is proposed during a mining operation, the project proponent needs to assess its impact on the 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 in first 6 monthly compliance report. The project proponent will ensure that there is no any residential and public building/inhabited area within the regulation for danger zone.
6. The project proponent shall submit a final mine closure plan/Exit protocol for rehabilitation of mined-out land to match its surrounding land use 3years before the closure of the mine to SEIAA, UP and Department of Mines and Geology, UP for approval. The project proponent shall ensure the implementation of the approved plan under the supervision of the Dept. of Mines and Geology.
7. The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flow from the quarry area. The surface runoff rainwater

- harvesting and other water conservation measures on a long-term basis are to be taken in consultation with the Central/State Groundwater Board. The water so collected should be utilized for watering the haulage area, roads, and green belt development, etc.
8. The project proponent shall take all suitable measures to prevent pollution of groundwater and nearby water bodies in consultation with the State Pollution Control Board and consent to operate (if applicable) should be obtained from the State Pollution Control Board before the start of production from the mine.
  9. Link Road from the quarry site to the main road shall be constructed as an all-weather road with blacktopping and maintained by the project proponent.
  10. Vehicular emissions should be kept under control and regularly monitored. Suitable measures shall be taken for proper maintenance of vehicles used in a quarry operation and transportation.
  11. The project proponent should explore the possibilities of rainwater harvesting.
  12. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.
  13. Latest technology (water sprinklers/ tankers) to be adopted for mitigating dust at source points in lease area and haulage road during operational activity/vehicular movement.
  14. As per the proposed plan, plantation with area specific plant species, number of plants to be Planted and report of green belt development to be submitted to the concerning department
- 10. Common Bio Medical Waste Treatment Facility (CBWTF) at Khasra No. 1577 & 2133 at Village-Bhadon- Mahul, P.O-Martinganj, Distt.-Azamgarh, U.P., M/s Silkon Biotech Private Limited, Shri Vinay Kumar Rai, File No. 6695/Proposal No. SIA/UP/MIS/68910/2021**

The committee noted that the matter was earlier discussed in 686<sup>th</sup> SEAC meeting dated 22/09/2022 and directed as follows:

*A presentation was made by the project proponent along with their consultant Environment Division M/s India Glycols Limited, Kashipur. The Secretariat inform the committee that a complaint letter dated 19/09/2022 of Shri Hari Om Sharan Dwivedi and Shri Suresh Chand Yadav letter dated 19/09/2022 received in department against proposed CBWTF M/s Silikon Biotech Private Limited at Village-Bhadon-mahul, PO-Martinganj, Distt-Azamgarh, U.P.*

*The committee went through the complaint letters and office memorandum of MoEF-CC, GoI OM F No. 20/02/2020-HSMD dated 01/04/2022. The committee requested to SEIAA a letter should be sent to UP Pollution Control Board- Lucknow to sought a factual report in view of complaints received against the CBWTF (Complaint letters are enclosed). And gap analysis in the light of above office order dated 1/04/2022 within 15 days, so the case to be disposed in scheduled time*

*The committee also directed to the project proponent/consultant to the following documents/information:*

- 1. Revised layout plan for green belt in proposed CBWTF with area specific plant species, number of plants to be planted.*
- 2. Revised plan of CER./EMP activities as per the discussion held during the presentation to be submitted*
- 3. 500 m radius Google map with showing the all geographical activities like- sensitive places, Highways, railways, educational institutions, residential habitats etc. alongwith distance and directions with supporting documents.*

The project proponent submitted the replies of queries raised by SEAC through online Parviesh Portal on 08/11/2022 and the matter was listed for reply presentation in 704<sup>th</sup> SEAC meeting dated 24/11/2022. The SEIAA sent a letter dated 31/10/2022 to Member Secretary, UPPCB for providing the factual report as per decision taken in SEAC meeting dated 22/09/2022. In compliance

of SEIAA letter the Member Secretary, UPPCB has provided the information vide letter dated 04/11/2022 mentioning the number of beds available in districts surrounding the proposed project site. The project proponent also submit the copy of Consent to Establish (CTO) letter issued by UP Pollution Control Board vide letter dated 03/03/2022 and valid up to 20/10/2026.

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Environment Management Division of M/s India Glycols Limited, Kashipur. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for Common Bio Medical Waste Treatment Facility (CBWTF) at Khasra No. 1577 & 2133 at Village-Bhadon- Mahul, P.O-Martinganj, Distt.- Azamgarh, U.P., M/s Silkon Biotech Private Limited.
2. The terms of reference in the matter were issued by SEIAA, U.P. Ref. no. 485/Parya/SEIAA/6695/2021, dated 25/03/2022.
3. The public hearing was organized on 07/06/2022. Final EIA report submitted by the project proponent on 24/08/2022.
4. Salient features of the project:

S.N.	Parameters	Description																		
1.	Proposed plant capacity	Proposed Capacity of CBWTF: <table border="1"> <thead> <tr> <th>Equipment</th><th>Capacity</th><th>Number</th></tr> </thead> <tbody> <tr> <td>Incinerator</td><td>250 kg/hr</td><td>1</td></tr> <tr> <td>Autoclave</td><td>1000 kg/Batch</td><td>1</td></tr> <tr> <td>Shredder</td><td>150 kg/hr</td><td>1</td></tr> <tr> <td>Chemical Disinfection Tank</td><td>1500 Ltr</td><td>1</td></tr> <tr> <td>Effluent Treatment Plant</td><td>10 KLD</td><td>1</td></tr> </tbody> </table>	Equipment	Capacity	Number	Incinerator	250 kg/hr	1	Autoclave	1000 kg/Batch	1	Shredder	150 kg/hr	1	Chemical Disinfection Tank	1500 Ltr	1	Effluent Treatment Plant	10 KLD	1
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Effluent Treatment Plant	10 KLD	1																		
2.	Category of Projects	Category "B1" and Schedule- 7(da)																		
3.	Number of working days	365																		
4.	Total Plot Area	0.66 Ha																		
5.	Plot Number	1577 & 2133																		
6.	Location	Village- Bhadon-Mahul, PO- Martinganj, Distt- Azamgarh, Uttar Pradesh																		
7.	Latitude	25.894000*- 25.893168*N																		
8.	Longitude	82.787220* 82.787231*E																		
9.	Nearest habituated area	Bhadon is located at 1.08 Km in NW direction.																		
10.	Nearest Main Public Road	NH-135A- 11.83 Km West direction MDR 97 E- 2.40 Km East direction																		
11.	Nearest Railway station/Airport	Mihrawan Railway Station- 9.69 Km in WSW direction Lal Bahadur Shastri Airport- 21.91 Km in NNW direction																		
12.	Nearest water body	Gomti River, approx. 16.43 Km in SSW direction.																		
13.	Water requirement	Water requirement for the proposed CBWTF project is 10 KLD.																		
14.	Source of water	Water requirement will be met through ground water supply.																		
15.	Wastewater Generation	Waste water generated from the treatment of Biomedical waste during autoclaving, washing of floors, etc. is 8 KLD and it shall be treated in effluent treatment plant and reuse in process																		
16.	Man Power	During Construction phase, the labors and workers will be hired from nearby villages. Total 20 persons are proposed to																		

		hire for plant operation including officers, skilled and unskilled workers.
17.	Air Pollution Control Device	Venturi Scrubber
18.	Nos. of Stack	2
19.	Power requirement	Total power requirement of will be around 50 KVA. DG Set of 62.5 KVA is proposed for the project and lines will be taken from the authorized electricity board. ~ 1% of the total power load will meet through solar energy.
20.	Alternative site	No Alternative site is examined
21.	Land form, Land use and land ownership	The land for project is located in Village- Bhadon-Mahul, PO- Martinganj, Distt- Azamgarh, Uttar Pradesh.
22.	Conclusion T	The estimated cost of the Project is Rs. 2.78 Cr.

5. Water calculation breakup:

S. N.	Requirement for	Water Consumption	Process Losses	Waste water generation	ETP losses	Recycled/ Reuse
A.	Process (Scrubbing)	2.40	1.40	1.00	0.20	0.80
B.	Steam Generation (Autoclaving)	0.20	0.05	0.15	0.05	0.10
C.	Miscellaneous i.e., Floor washing, Vehicle washing etc.	3.80	0.20	3.60	0.60	3.0
D.	Domestic Purpose	0.60	0.10	0.50	0.00	0.00
E.	Green Belt	4.0	4.0	0.00	0.00	0.00
Total (KL/Day)		11.0 7.10 (Fresh) + 3.90 (Recycle)	5.75	5.25	0.85	3.90

6. Waste water (4.75 KLD) is being generated from the Industrial Process will be subjected to Proposed ETP (Capacity- 10.0 KLD). Treated water from (3.90 KLD) will be reused in scrubber for cooling purpose and green belt purpose.

7. The entire system shall be a zero-discharge system in terms of wastewater discharge from the process as recirculated through ETP.

8. Solid waste details:

Total No. of Employees	20
Assuming per capita solid waste generation rate as 0.2 kg/capita/day	
Quantity of solid waste generated	4.0 kg/day
Organic solid waste: 60 % of the total waste	2.40 kg/day
Inorganic solid waste : 40 % of the total waste	1.60 kg/day
Disposal of domestic solid waste	Domestic wastes are segregated at source, collected in bins and composted.

9. Hazardous waste details:

Sl. No.	Source	Quantity of hazardous waste Generated (Approx.)	Category according to Schedule I of hazardous waste	Treatment/ Disposal
1.	Spent Oil from DG set	5.0 MTPA	5.1	Handed over to authorized recyclers/re-processors
2.	Discarded Containers /Barrels	100 Nos./Annum	33.1	Handed over to authorized recyclers/re-processors
3.	Sludge from Wet Scrubbers	1.0 MTPA	37.1	Send to TSDF / Co processing industries.
4.	Ash from incinerator and flue gas cleaning residue	5.0 MTPA	37.2	Send to TSDF / Co processing industries.

10. The project proposal falls under category-7(da) of EIA Notification, 2006 (as amended).

The committee noted that the project proponent has already provided the number of beds available in districts surrounding the proposed project site from UP Pollution Control Board. The committee also discussed the complaint letter of Shri Hari Om Sharan Dwivedi and Shri Suresh Chand Yadav letter dated 19/09/2022 and did not find any merit of the complaint. Hence, the complaint is disposed off.

The consultant (EIA Coordinator) also submitted an affidavit dated 24/08/2022 mentioning is as follows:

1. I, Muzaffar Ahmad S/o Shri Iqbal Ahmad is EIA Coordinator of EMD IGL.
2. I have prepared the EIA/EMP report for the proposal in name of M/s Silkon Biotech Private Limited with my team.
3. I have personally visited the site of proposal and certify that no construction activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information submitted along with application EIA/EMP are true and correct.
5. I certify that expansion of this project has been uploaded for the first time on Parivesh Portal.
6. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation which will be submitted after acceptance of application.
7. I state that all the TOR points have been complied and all the issues raised during public hearing have been properly addressed in EIA report.
8. The EIA/EMP report for the proposal is prepared by my team as per guidelines laid down by QCI/NABET.

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

**The committee discussed reply submitted by project proponent and recommended grant of environmental clearance on the proposal as above along with standard environmental clearance conditions prescribed by MoEF&CC, GoI and following additional conditions:**

#### **Additional Conditions:**

1. Proposed CBWTF shall comply with the revised guidelines issued by CPCB on December 21st 2016 with respect to location criteria.
2. In case, the number of beds is exceeding >10,000 beds in a locality and the existing treatment capacity is not adequate, in such a case, a new CBWTF may be allowed in such a locality in compliance with various provisions notified under the location. Environment (Protection) Act, 1986, to cater services only to such additional bed strength of the HCFs.
3. In compliance to Hon'ble Supreme Court order dated 13/01/2020 in IA no. 158128/2019 and 158129/2019 in Writ petition no. 13029/1985 (MC Mehta Vs. GoI and others) anti-smog guns shall be installed to reduce dust during excavation.
4. Proponent shall comply with the action plan and CSR plan submitted by PP/consultant at the time of EIA presentation.

#### **Standard Environmental Clearance Conditions prescribed by MoEF&CC:**

- I. Statutory compliance:
  1. The project proponent shall obtain forest clearance under the provisions of the Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
  2. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.

3. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and be approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area)
  4. The project proponent shall obtain Consent to establish/Operate under the provisions of the Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
  5. Transportation and handling of Bio-medical Wastes shall be as per the Biomedical Wastes (Management and Handling) Rules, 2001 including section 129 to 137 of Central Motor Vehicle Rules 1989.
  6. The project shall fulfill all the provisions of hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2016 including collection and transportation design etc and also guidelines for Common Hazardous Waste Incineration — 2005, issued by CPCB Guidelines of CPCB/MPPCB for Bio-medical Waste Common Hazardous Wastes incinerators shall be followed.
  7. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
  8. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
  9. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable by project proponents from the respective competent authorities
- II. Air quality monitoring and preservation:
1. The project proponent shall install an emission monitoring system including Dioxin and furans in monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online serves and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
  2. Periodical air quality monitoring in and around the site including VOC, HC shall be carried out.
  3. Incineration plants shall be operated (combustion chambers) with such temperature, retention time and turbulence, to achieve Total Organic Carbon (TOC) content in the slag and bottom ashes less than 3% or their loss on ignition is less than 5% of the dry weight of the material.
  4. Venture scrubber (alkaline) should be provided with the incinerator with stack of adequate height (Minimum 30 meters) to control particulate emission within 50 mg/Nm<sup>3</sup>.
  5. Appropriate Air Pollution Control (APC) system shall be provided for fugitive dust from all vulnerable sources, so as to comply with prescribed standards. All necessary air pollution control devices (quenching, Venturi scrubber, mist eliminator) should be provided for compliance with emission standards.
  6. Masking agents should be used for odour control.
- III. Water quality monitoring and preservation:
1. The project proponent shall install effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.



2. Waste water generated from the facility shall be treated in the ETP and treated waste water shall be reused in the APCD connected to the incinerator. The water quality of treated effluent shall meet the norms prescribed by State Pollution Control Board. Zero discharge should be maintained.
3. Process effluent/any waste water should not be allowed to mix with storm water.
4. Total fresh water use shall not exceed the proposed requirement as provided in the project details. Prior permission from the competent authority shall be obtained for use of fresh water.
5. A sewage Treatment Plant shall be provided to treat the wastewater generated from the project. Treated water shall be reused within the project.
6. A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point should be obtained.
7. The leachate from the facility shall be collected and treated to meet the prescribed standards before disposal.
8. Magnetic flow meters shall be provided at the inlet and outlet of the ETP & all ground water abstraction points and records for the same shall be maintained regularly.
9. Rain water runoff from the hazardous waste storage area shall be collected and treated in the effluent treatment plant.
- IV. Noise monitoring and prevention:
  1. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during daytime and 70 dB(A) during night-time.
- V. Energy Conservation measures:
  1. Provide solar power generation on roof tops of buildings, for the solar light system for all common areas, street lights, parking around the project area and maintain the same regularly;
  2. Provide LED lights in their offices and residential areas
- VI. Waste management:
  1. Incinerated ash shall be disposed of at approved TSDF and MoU made in this regard shall be submitted to the Ministry prior to the commencement.
  2. The solid wastes shall be segregated as per the norms of the Solid Waste Management Rules, 2016.
  3. A certificate from the competent authority handling municipal solid wastes should be obtained, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from the project.
  4. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016
  5. No landfill site is allowed within the CBWTF site.
  6. The Project proponent shall not store the Hazardous Wastes more than the quantity that has been permitted by the CPCB/SPCB.
- VII. Green Belt:
  1. Green belt shall be developed in the area as provided in project details, with native tree Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant.
- VIII. Public bearing and Human health issues:
  1. Feeding of materials/Bio-medical waste should be mechanized and automatic no manual feeding is permitted.
  2. Proper parking facility should be provided for employees & transport used for collection & disposal of waste materials.

3. Necessary provision shall be made for fire-fighting facilities within the complex.
  4. An emergency preparedness plan based on the Hazard Identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
  5. An emergency plan shall be drawn in consultation with SPCB/CPCB and implemented in order to minimize the hazards to human health or the environment from fires, explosions or any unplanned sudden or gradual release of hazardous waste or hazardous waste constituents to air, soil or surface water.
  6. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
  7. Occupational health surveillance of the workers shall be done on a regular basis.
- IX. Corporate Environment Responsibility:
1. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.II I dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
  2. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest /wildlife norms/ conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. A copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of the six-monthly report.
  3. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
  4. Action plan for implementing EMP and environmental conditions along with the responsibility matrix of the company shall be prepared and shall be duly approved by the competent authority. The year-wise funds earmarked for environmental protection measures shall be kept in a separate account and not be diverted for any other purpose. Year rise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
  5. A self-environmental audit shall be conducted annually. Every three years third-party environmental audit shall be carried out.
- X. Miscellaneous:
1. The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed
  2. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
  3. The project proponent shall upload the status of compliance with the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
  4. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the Ministry of Environment,

Forest and Climate Change at the environment clearance portal.

5. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
6. The criteria pollutant levels namely; SPM, RSPM, SP, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
7. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
8. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
9. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitments made during Public hearings and also that during their presentation to the Expert Appraisal Committee.
10. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
11. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of the Environment (Protection) Act, 1986.
12. The Ministry may revoke or suspend the clearance if the implementation of any of the above conditions is not satisfactory.
13. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time-bound manner shall implement these conditions.
14. The Regional Office of this Ministry shall monitor compliance with the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data/information/monitoring reports.
15. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Trans boundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts/NGT and any other Court of Law relating to the subject matter.
16. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

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

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

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

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

**(Ashish Tiwari)**  
**Member-Secretary**

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

**Nodal, SEAC-2**

MoM prepared by Secretariat in consultation with  
Chairman & Members on the basis of decisions  
taken by SEAC-2 during the meeting.

Annexure-1

**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 the 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 require prior environmental clearance as per EIA notification, 2006.
4. No change in the calendar plan including excavation, the 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 the 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. The 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 uploaded on the company's website and also displayed on the website.
7. Data on ambient air quality (RPM, SPM, SO<sub>2</sub>, NO<sub>x</sub>) should be regularly submitted to the Integrated Regional Office, MoEF&CC, 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) dated 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 earplugs/muffs and health records of the workers shall be maintained.
11. Industrial wastewater (workshop and wastewater from the mine) should be properly collected, treated 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 traps shall be installed before the discharge of workshop effluents.
12. Personnel working in areas shall be provided with protective respiratory devices like masks 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 the day hours' time only.
15. Provision shall be made for housing the laborers 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 suitably qualified personnel shall be setup under the control of a Senior Executive, who will report directly to the Head of the Organization.
17. The Project Proponent shall inform the Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board regarding the 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 a separate account and shall not be diverted for other purposes. The year-wise expenditure shall be reported to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board
19. The Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board shall monitor compliance with 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 the Integrated Regional Office, MoEF&CC, 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 a regular half-yearly compliance report of the stipulated prior environmental clearance terms and conditions in hard and soft copy to the SEIAA, U.P. on 1<sup>st</sup> June and 1<sup>st</sup> December of each calendar year.
23. The SEIAA may alter/modify the above conditions or stipulate any further condition in the interest of environmental 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 the Environment (Protection) Act, 1986.

**B. Specific Conditions:**

1. At the time of operation, the project proponent will comply with all the guidelines issued by the Government of India/State Govt./District Administration related to Covid-19.
2. This environmental clearance does not create or verify any claim of the 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 the area is less than 05ha, but factually the distance is less than 500 mt, and the mine is located in the cluster of area equal to or more than 05ha, the E.C issued will stand revoked.
4. This environmental clearance shall be subject to a valid lease in favor of the 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 whichever is less. The Mining plan approved by the Dept. of Mines and Geology shall be strictly implemented and shall not be operated beyond the validity period.
6. Explosive cannot be stored on the site. The Project proponent shall take approval from Chief Controller of Explosive, if applicable for use or storage of explosive or any such materials.
7. A comprehensive EIA including mining areas within 15 K.M. to assess the impact of the mining activity on the surrounding area shall be undertaken and a 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 work in the exhausted pit shall be completed 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. An adequate buffer zone shall be maintained between two consecutive mineral-bearing deposits.
11. The 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 the selection of plant species and in consultation with the local DFO / Agriculture Department. Herbs and shrubs shall also form a part of the afforestation programme besides tree plantation. The company shall involve local people in the plantation programme. Details of year-wise afforestation programme including rehabilitation of mined-out area shall be submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow every year.
13. Blast vibrations study shall be conducted and an observation report submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and UPPCB within six months. The report shall also include measures for the 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 daytime only. The project proponent shall ensure prevention of displacement of human beings/wild animals/birds etc. and in case any such displacement is caused due to blasting/mining operation by any chance the project proponent shall take suitable measures for their rehabilitation and resettlement.
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 is to be done by the company regularly at its own expenses. The link roads from mining area to main road shall be constructed as all-weather road with black topping and maintained by the project proponent.
17. The surface runoff rain water harvesting/rain water recharge and water conservation measures will be taken by project proponent in consultation with central /State ground water Board .The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flows from the mining area. The supernatant of the siltation basin and rain water harvested water shall be utilized for watering the haulage area, roads and green belt development etc.
18. Status of implementation shall be submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and UP Pollution Control Board within six months and thereafter every year from the next consequent year.
19. The 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 geotextile 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. An 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 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 an 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 Integrated Regional Office, MoEF&CC, 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 groundwater 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 Integrated 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 are 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 the 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 the 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 mechanisms 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 the health records of the workers. Awareness programmes for workers on the impact of mining on their health and precautionary measures like the use of personal protective equipment etc. shall be carried out periodically. A review of the impact of various health measures shall be conducted followed by follow-up action wherever required.
29. The project proponent will ensure for employing 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. Topsoil / 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 the mined-out area. Topsoil shall be separately stacked for utilization later for reclamation and shall not be stacked along with overburden.
31. Overburden (OB) shall be stacked at the 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 a maximum of 10 m and the 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 runoff.
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 a six-monthly basis.
33. The slope of the mining bench and ultimate pit limit shall be as per the mining scheme approved by the Indian Bureau of Mines.
34. Permission for the abstraction of groundwater 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., premonsoon (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 wastewater from the mine shall be treated to conform to the prescribed standards before discharging into the natural stream. The discharged water from the Tailing Dam, if any shall be regularly monitored and report submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow, Central Pollution Control Board, and the State Pollution Control Board.
36. Hydrogeological study of the area shall be reviewed by the project proponent annually. In case the adverse effect on groundwater quality and quantity is observed mining shall be stopped and resumed only after mitigating steps to contain any adverse impact on groundwater 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 period of transportation. No overloading of minerals for transportation shall be committed. The trucks transporting minerals shall not pass through the wildlife sanctuary if any in the study area.
38. Prior permission from the Competent Authority shall be obtained for the extraction of groundwater if any.
  39. A final mine closure plan, along with details of Corpus Fund, shall be submitted to the Integrated Regional Office, MoEF&CC, 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 checkup record of the mineworkers has to be maintained at the 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 permission from the Mining Department.



**Annexure-2**

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

**General condition:**

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

**Specific Conditions:**

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

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