

Minutes of 568th SEAC-1 Meeting Dated 08/09/2021

The 568th meeting of SEAC-1 was held in the Directorate of Environment, U.P. through dual-mode (physically/virtually) at 11:00 AM on 08/09/2021. Following members participated in the meeting:

- | | | |
|----|-----------------------------|----------------------------|
| 1. | Shri Rajive Kumar, | Chairman, SEAC-1 |
| 2. | Dr. Ajai Mishra, | Member, SEAC-1 (Virtually) |
| 3. | Shri Om Prakash Srivastava, | Member, SEAC-1 (Virtually) |
| 4. | Dr. Brij Bihari Awasthi, | Member, SEAC-1 |
| 5. | Shri Umesh Chandra Sharma, | Member, SEAC-1 |
| 6. | Dr. Ratan Kar, | Member, SEAC-1 |

The Chairman welcomed the members to the 568th SEAC-1 meeting which was conducted via dual-mode (virtually/physically).

Nodal officer, SEAC-1 also informed the committee that the agenda has been approved by the Member Secretary, SEAC-1/Director Environment. Nodal officer, SEAC-1 placed the agenda items along with the available file and documents before the SEAC-1.

General Discussion:

The Committee discussed nominating one member of SEAC-1 as Vice- Chairman of the committee, who shall preside over the SEAC-1 meeting in the absence of the Chairman, SEAC-1.

The Committee unanimously decided to nominate Dr. Ratan Kar as the Vice-Chairman, SEAC-1. At the request of the Chairman/Members, Dr. Ratan Kar agreed to take the responsibility of Vice-Chairman for one year.

- 1. Stone Mining at Gata No.-4949 Kha, Khand No.-05, Village- Billimarkundi, Tehsil-Obra, District-Sonbhadra, M/s Shri Mahadev Enterprise Area-5.880 ha. File No. 6399/Proposal No. SIA/UP/MIN/64123/2021**

RESOLUTION AGAINST AGENDA NO-01

The project proponent/Consultant informed the committee that this area is within 5 km of the CPA boundary in the district of Sonbhadra. The project proponent/Consultant also informed the committee that this area is in SPA as per the EPI score defined by the CPCB assessment of 2018. The NGT order dated 02/8/2021 in the matter of Appeal No. 54/2020 Anil Kumar Yadav Versus State Environment Impact Assessment Authority, Uttar Pradesh & Ors. with Review Application No. 07/2021 in Appeal No. 04/2020 Abhinav Gramodyog & Seva Sansthan Versus State Environment Impact Assessment Authority, Uttar Pradesh & Ors. mentions that... *“Accordingly, the joint Committee of MoEF&CC, CPCB and State PCB may, with the help of the District Magistrate, Sonbhadra, finalise the exercise and clarify the factual position of the outer boundary of the CPA and distance of the projects in question from said area. The State PCB will be the nodal agency for coordination and compliance. The Joint Committee may also give a report whether the projects in question fall within the prohibited distance from the protected area under the Wild Life (Protection) Act, 1972 and the inter-State boundary.”*...Because of the above order, the committee requests SEIAA to get clarification on whether this case can be taken as category B1 or not.

2. Stone Mining at Gata No.-7407Ka, Village-Billimarkundi, The.-Obra, District-Sonbhadra., M/s Mahakal Enterprises, Area-1.5300 ha. File No. 6400/Proposal No. SIA/UP/MIN/64121/2021

RESOLUTION AGAINST AGENDA NO-02

The project proponent/Consultant informed the committee that this area is within 5 km of the CPA boundary in the district of Sonbhadra. The project proponent/Consultant also informed the committee that this area is in SPA as per the EPI score defined by the CPCB assessment of 2018. The NGT order dated 02/8/2021 in the matter of Appeal No. 54/2020 Anil Kumar Yadav Versus State Environment Impact Assessment Authority, Uttar Pradesh & Ors. with Review Application No. 07/2021 in Appeal No. 04/2020 Abhinav Gramodyog & Seva Sansthan Versus State Environment Impact Assessment Authority, Uttar Pradesh & Ors. mentions that... *“Accordingly, the joint Committee of MoEF&CC, CPCB and State PCB may, with the help of the District Magistrate, Sonbhadra, finalise the exercise and clarify the factual position of the outer boundary of the CPA and distance of the projects in question from said area. The State PCB will be the nodal agency for coordination and compliance. The Joint Committee may also give a report whether the projects in question fall within the prohibited distance from the protected area under the Wild Life (Protection) Act, 1972 and the inter-State boundary.”*...Because of the above order, the committee requests SEIAA to get clarification on whether this case can be taken as category B1 or not.

3. Stone Mining at Gata No.-323, Khand No.-03, at Village-Mochipura, Tehsil-Sadar, District-Mahoba, Shri Narayan Singh, Area-1.214 ha. File No. 6401/Proposal No. SIA/UP/MIN/64131/2021

RESOLUTION AGAINST AGENDA NO-03

The Committee observed that a complaint letter of Shri P.K.Sahi (advocate), Paryavaran Shakti Foundation, Deen Dayal Upadhyay Marg, New Delhi-110002 has been received through email. The committee took note of the aforesaid complaint letter and deliberated that the complaint letter along with all its annexures received should be sent to District Magistrate, Mahoba to provide the factual report in this regard. The committee further directed that the copy of the same letter should also be made to the Project Proponent. The committee directed that the case shall be considered after the receipt of the factual report in this regard.

4. Stone Mining at Arazi No.-339, Khand No.-12, Village-Daharra, Tehsil-Sadar, District-Mahoba. M/s Sandeep Construction & Suppliers., Area-0.809 ha. File No. 6403/Proposal No. SIA/UP/MIN/64139/2021

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 Environmental Research and Analysis. 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 References are sought for Stone Mining at Arazi No.-339, Khand No.-12, Village-Daharra, Tehsil-Sadar, District-Mahoba. M/s Sandeep Construction & Suppliers., (Leased Area-0.809 ha.).
2. Salient features of the project as submitted by the project proponent:

1. Name of Proponent	M/s SANDEEP CONSTRUCTION AND SUPPLIER Proponent- Shri Thakurdeen Yadav S/O Shri Vishwanath And Shri Sheetal Prasad S/O- Shri Vishwanath
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2. Full correspondence address of proponent and mobile no.	R/O- Mu.- Azad Nagar, Kabrai Tehsil and District- Mahoba UP Pincode- 210424		
3. Name of Project	Building Stone, Khanda, Boulder, Ballast (Gitti) Mining Project		
4. Project location (Plot/Khasra/Gata No.)	Arazi No. 339 (Khand No. –12)		
5. Name of River	NA		
6. Name of Village	Daharra		
7. Tehsil	Sadar		
8. District	Mahoba (U.P.)		
9. Name of Minor Mineral	Building Stone, Khanda, Boulder, Ballast (Gitti) Mining Project		
10. Sanctioned Lease Area (in Ha.)	0.809 Ha.		
11. Mineable Area (in Ha.)	0.549 Ha. (Safety Margin 0.26 Ha.)		
12. Zero level mRL	NA		
13. Max. & Min mRL within the lease area	Maximum & Minimum mRL is 215 & 181 mRL respectively.		
14. Pillar Coordinates (Verified by DMO)	Pillar	Latitude(N)	Longitude(E)
	A	25°20'10.644"	79°57'39.373"
	B	25°20'10.172"	79°57'40.964
	C	25°20'03.624"	79°57'41.036
	D	25°20'03.757"	79°57'39.636"
15. Total Geological Reserves	1,68,831 m ³		
16. Sanction Quantity as per LOI	32,360 m ³ per year as per LOI		
17. Total Proposed Production (in two years)	64,720 m ³ for two year		
18. Proposed Production/year	32,360 m ³ per year		
19. Sanctioned Period of Mine lease	10 Years as per LOI		
20. Production of mine/day	107.87 m ³ /day		
21. Method of Mining	Open cast, Semi-Mechanized		
22. No. of working days	300		
23. Working hours/day	8 hours/day		
24. No. Of workers	24		
25. No. Of vehicles movement/day	10-13 Vehicles movement/day		
26. Type of Land	Building Stone(Khanda, Boulder, Ballast (Gitti) Mining Project		
27. Ultimate Depth of Mining	6.0 m		
28. The nearest metalled road from the site	NH-86/76 at 3.40 km towards the West direction from the project site.		
29. Water Requirement	PURPOSE		REQUIREMENT (KLD)
	Drinking water		0.34 KLD
	Dust suppression		3.0 KLD
	Plantation		0.4 KLD
	Others (if any)		-
	Total		3.74 KLD Approx.
30. Name of QCI Accredited Consultant with QCI no. and the period of validity.	Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/ EIA/ 1922/RA 0200 Valid up to 30 Dec, 2022		
31. Any litigation pending against the project or land in any court	No		
32. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 15/ MMC-30/2020-21 Date- 05/04/2021		

33. Details of Lease Area in approved DSR	DSR part -1 serial No-48
34. Proposed EMP cost	23,82,000/-
35. Proposed Total Project cost	Rs. 70,00,000/-
36. Length and breadth of Haul Road	250 m length and 6.0 m width
37. No. of Trees to be Planted	400

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

RESOLUTION AGAINST AGENDA NO-04

The committee discussed the matter and recommended to issue the terms of References (ToR) for the preparation of EIA as annexed at annexure-1. The committee also stipulated flowing additional ToR:

1. The project proponent/Consultant should identify the core & buffer zone (2.5km) of the mining site.
2. Mining Plan approval letter issued by DGM, U.P. vide letter no. 2021/5/27/58846 dated 12-07-2021 wherein, it is mentioned that *“the height of the bench should be maximum 1 meter and width should be minimum 10 meters. Mining will be done up to a maximum depth of 3 meters or till the water level whichever is less. Mining will be done from 0 levels upward”*. However, there is a discrepancy in the depth of mines in the mining plan. Proper clarification regarding the above should be submitted during the EIA presentation

5. Ordinary Earth Mining at Gata No.-1063, Village- Mahnaura, Tehsil- Hasnganj, District- Unnao. Shri Jitendra Kumar, Area-0.6900 ha. File No. 6405/Proposal No. SIA/UP/MIN/216243/2021

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 Epsilon Projects 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 sought for Ordinary Earth Mining at Gata No.-1063, Village- Mahnaura, Tehsil- Hasnganj, District- Unnao, U.P. (Leased Area-0.6900 ha.).
2. Salient features of the project as submitted by the project proponent:

1	On-line Proposal No.	SIA/UP/MIN/216243/2021
2	File No. allotted by SEIAA,UP	6405
3	Name of Proponent	Shri Jitendra Kumar S/o Ramesh Chandra Sahu
4	Registered Address	R/o-Lohcha, Haraha, Achalganj, District-Unnao, Uttar Pradesh.
5	Full correspondence address of project proponent	R/o-Lohcha, Haraha, Achalganj, District-Unnao, Uttar Pradesh. Mobile No-9839234256 Email ID-jitendrakumarunnao2021@gmail.com
6	Name of Project	Ordinary Earth Mining Project
7	Project location (Plot/ Khasra /Gata No.)	1063
8	Name of Village	Mahnaura

9	Tehsil	Hasanganj																										
10	District	Unnao																										
11	Name of Minor Mineral	Ordinary Earth																										
12	Total Area (in Ha.)	0.6900 Ha																										
13	Mineable Area (in Ha.)	0.6887 Ha																										
14	Pillar Coordinates (Verified by DMO)	<table><tr><td>Gata No</td><td>Pillar</td><td>Latitude</td><td>Longitude</td></tr><tr><td rowspan="6">1063</td><td>A</td><td>26°37'39.29"N</td><td>80°45'2.54"E</td></tr><tr><td>B</td><td>26°37'37.09"N</td><td>80°45'5.58"E</td></tr><tr><td>C</td><td>26°37'35.55"N</td><td>80°45'5.26"E</td></tr><tr><td>D</td><td>26°37'37.23"N</td><td>80°45'2.95"E</td></tr><tr><td>E</td><td>26°37'36.88"N</td><td>80°45'2.80"E</td></tr><tr><td>F</td><td>26°37'37.90"N</td><td>80°45'1.39"E</td></tr></table>	Gata No	Pillar	Latitude	Longitude	1063	A	26°37'39.29"N	80°45'2.54"E	B	26°37'37.09"N	80°45'5.58"E	C	26°37'35.55"N	80°45'5.26"E	D	26°37'37.23"N	80°45'2.95"E	E	26°37'36.88"N	80°45'2.80"E	F	26°37'37.90"N	80°45'1.39"E			
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	E	26°37'36.88"N	80°45'2.80"E																									
	F	26°37'37.90"N	80°45'1.39"E																									
15	Period of agreement between Project proponent & Land Owner	6 Months (Complete Details attached in Mining Plan)																										
16	Mine Plan approval details	Approval Letter No		2593																								
		Date of Approval		18/06/2021																								
		Approved Mining Lease Area		0.6900 Ha																								
		Approved Capacity		10343 Cum																								
17	Validity of Mine Plan	3 Months																										
18	Total Proposed Production	10343 Cum																										
19	Proposed Production	10343 Cum																										
20	Method of Mining	Opencast Manual/Semi- Mechanized/ JCB using Backhoe/Excavator Machine.																										
21	No. of workers	10																										
22	Type of Land	Agricultural Land																										
23	Ultimate Depth of Mining	2.10 M																										
24	Water Requirement	PURPOSE		REQUIREMENT (KLD)																								
		Drinking		0.10																								
		Suppression of dust		0.60																								
		Plantation		0.87																								
		Others (if any)		-																								
		Total		1.57																								
25	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Epsilon Projects Pvt Ltd. Add.-498/143, 1st Floor, Gopal Sadan, Near IT Crossing, Faizabad Road, Lucknow, U.P																										
26	Any litigation pending against the project or land in any court(s)	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	Ganga River-38.0 KM (SW) from the outer boundary of the Mining site.Bird Sanctuary-Nawabganj Panchi Vihar 7.30 Km towards NW Direction.																										
28	Areas occupied by sensitive manmade land uses (hospitals, schools, places of worship, community facilities)	Shri Ram Murti Smarak International Business School in Lucknow (SRMS IBS)-about 700 m from the outer boundary of the Mining site.																										
29	Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No.-2596/ Khanij vibhag /2021 dated 19/06/2021																										

30	Proposed CER cost	Rs 17,000/Thousand
31	Proposed EMP cost	Rs 50,710/Thousand
32	No. of Trees to be Planted	87
33	Detail of CTE issued by UPPCB	NA

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

RESOLUTION AGAINST AGENDA NO-05

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

1. Plantation of trees should be of indigenous species and may be as per the consultation of the local district Forest Officer.
- 6. Stone Mining at Gata No.-634, Khand No.-02, Village-Daharra, Tehsil-Naraini, District-Banda, U.P., Shri Rohit Agarwal Area-2.25 ha. File No. 6407/Proposal No. SIA/UP/MIN/64235/2021**

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 Paramarsh (Servicing Environment and Development). 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 References are sought for Gitti/ Patthar Mining at Gata No.- 634 (Khand No.- 02), Village- Nahari, Tehsil- Naraini, District- Banda, U.P., (Leased Area- 2.25 ha.)
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/64235/2021															
2.	File No. allotted by SEIAA, UP	6407															
3.	Name of Proponent	Shri Rohit Agarwal S/o Shri Radhey Mohan Agrawal															
4.	Full correspondence address of proponent	R/o- 6/69 W.E.A. Karolbag, New Delhi-110005															
5.	Name of Project	Gitti/ Patthar Mining Project															
6.	Project location (Plot/ Khasra /Gata No.)	Gata No.- 634(Khand No.- 02)															
7.	Name of Village	Nahari															
8.	Tehsil	Naraini															
9.	District	Banda															
10.	Name of Minor Mineral	Gitti/ Patthar															
11.	Sanctioned Lease Area (in Ha.)	2.25 ha.															
12.	Max.& Min mRL within lease area	163 mRL- 145 mRL															
13.	Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th>Pillars</th><th>Latitude (N)</th><th>Longitude (E)</th></tr> </thead> <tbody> <tr> <td>A</td><td>25° 05' 16.58"N</td><td>80° 22' 34.58"E</td></tr> <tr> <td>B</td><td>25° 05' 11.88"N</td><td>80° 22' 38.18"E</td></tr> <tr> <td>C</td><td>25° 05' 09.57"N</td><td>80° 22' 35.92"E</td></tr> <tr> <td>D</td><td>25° 05' 12.88"N</td><td>80° 22' 31.31"E</td></tr> </tbody> </table>	Pillars	Latitude (N)	Longitude (E)	A	25° 05' 16.58"N	80° 22' 34.58"E	B	25° 05' 11.88"N	80° 22' 38.18"E	C	25° 05' 09.57"N	80° 22' 35.92"E	D	25° 05' 12.88"N	80° 22' 31.31"E
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C	25° 05' 09.57"N	80° 22' 35.92"E															
D	25° 05' 12.88"N	80° 22' 31.31"E															
14.	Total Geological Reserves	1266941 m ³															
15.	Total Mineable Reserves	762590 m ³															

16.	Total Proposed Production (in five years)	112500 m ³	
17.	Proposed Production / year	Year	Production
		1 st	22500 m ³
		2 nd	22500 m ³
		3 rd	22500 m ³
		4 th	22500 m ³
		5 th	22500 m ³
		Total	112500 m ³
18.	Sanctioned Period of Mine lease	Ten Years	
19.	Production of mine/day	75 m ³ (approx.)	
20.	Method of Mining	Opencast Semi-Mechanized	
21.	No.of working days	300 days	
22.	Working hours/day	8 Hours/Day	
23.	No.Of workers	30 (approx.)	
24.	No.Of vehicle movement /day	8 (approx.)	
25.	Type of Land	Govt. revenue land	
26.	Ultimate Depth of Mining	6.0 meter (average)	
27.	The nearest metalled road from the site	250m	
28.	Water Requirement	PURPOSE	REQUIREMENT (KLD)
		Drinking & Others	0.30
		Suppression of dust	2.10
		Plantation	0.30
		Others(if any)	-----
		Total	2.70
29.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh (Servicing Environment and Development), Lucknow, U.P. QCI/NABET/EIA/1821/RA0120, Validity-19/10/2021	
30.	Any litigation pending against the project or land in any court	No	
31.	Details of 500 m Cluster Map & certificate Verified by Mining Officer	DMO, Banda vide Letter No. 3305/Khanij-30, Banda Dated 30 December 2020	
32.	Details of Lease Area in approved DSR	DSR Sudhi Patra No.-1374/ Khanij-30, Banda, Dated 13-08-2019 at Page No.-5, S.No.- 49	
33.	Proposed CER cost	1.25 Lakh	
34.	Proposed EMP cost	11.03 Lakh	
35.	Length and breadth of Haul Road.	Length- 250m, Width- more than 6.0 m	
36.	No. of Trees to be Planted	225	

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

RESOLUTION AGAINST AGENDA NO-06

The committee discussed the matter and recommended to issue the terms of References (ToR) for the preparation of EIA as annexed at annexure-1. The committee also stipulated flowing additional ToR:

- The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.

7. Stone Mining at Gata No.-669, Khand No.-37, Village-Khailar, Tehsil-Sadar, District-Jhansi, U.P., Shri Suresh Kumar Saravagi, Area-2.023 ha. File No. 6409/Proposal No. SIA/UP/MIN/64263/2021

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 Cognizance Research India 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 Terms of References are sought for Khanda-Boulder/ Gitti-Ballast Mining Project at Gata No 669 (Khand 37) Area 2.023 ha in Village- Khailar, Tehsil- Sadar, District- Jhansi, U.P., (Leased Area 2.023 ha).

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

1.	Name of Proponent	Prop: Shri Suresh Kumar Saravagi		
2.	Full correspondence address of proponent and mobile No.	R/o 94/11, Civil Line, Tehsil- Sadar, District- Jhansi, (U.P.)		
3.		Mobile No-		
4.		Email-		
5.	Name of Project	Khailar Khanda-Boulder/ Gitti-Ballast Mining project		
6.	Project location (Plot/Khasra/Gata No.)	Gata No 669 (Khand 37)		
7.	Name of River	-		
8.	Name of Village	Khailar		
9.	Tehsil	Sadar		
10.	District	Jhansi		
11.	Name of Minor Mineral	Khanda-Boulder/ Gitti-Ballast		
12.	Sanctioned Lease Area (in Ha.)	2.023 ha		
13.	Max & Min mRL within the lease area	Max- 333.0 mRL & 301.0 mRL		
14.	Pillar Coordinates (Verified by DMO)	Sanctioned Mining Lease Area		
		Pillar No.	Latitude	Longitude
		A	25°20'39.18"N	78°31'28.32"E
		B	25°20'42.34"N	78°31'29.13"E
		C	25°20'42.15"N	78°31'36.73"E
		D	25°20'38.92"N	78°31'36.70"E
15.	Total Geological Reserves	14,94,919.5 Cum		
16.	Total Mineable Reserves in LOI	50,575 Cum/year		
17.	Total Proposed Production	50,575 Cum/year		
18.	Proposed Production/year	50,575 cum		
19.	Sanctioned Period of Mine lease	Maximum 20 years		
20.	Production of mine/day	194.51		
21.	Method of Mining	Open Cast Semi-mechanized Method		
22.	No. of working days	260 days		
23.	Working hours/day	8 hrs		
24.	No. of workers	37		
25.	No. of vehicles movement/day	28		
26.	Type of Land	Government waste land		
27.	Ultimate Depth of Mining	42		
28.	The nearest metalled road from site	1.50 km		
29.	Water Requirement	PURPOSE	REQUIREMENT (KLD)	

		Drinking	0.37
		Suppression of dust	4.50
		Plantation	0.15
		Others (if any)	-
		Total	5.02
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt. Ltd. 1922, validity= 03-02-2022	
31.	Any litigation pending against the project or land in any court	No	
32.	Details of 500 m Cluster Map & certificate issued by Mining Officer	Yes, certified	
33.	Details of Lease Area in approved DSR	Yes, given in the DSR	
34.	Proposed CER cost	Rs 1,31,000/-	
35.	Proposed EMP cost	Capital Cost-Rs 81,750/- Recurring Cost- 3,68,000/-	
36.	Length and breadth of Haul Road	Length: 375m, width: 6 m	
37.	No. of Trees to be Planted	75 plants	

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

RESOLUTION AGAINST AGENDA NO-07

The committee discussed the matter and recommended to issue the terms of References (ToR) for the preparation of EIA as annexed at annexure-1. The committee also stipulated flowing additional ToR:

1. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
2. Mining Plan approval letter issued by DGM, U.P. vide letter no. 2021/3/12/53251 dated 19-05-2021 wherein, it is mentioned that *“the height of the bench should be maximum 1 meter and width should be minimum 10 meters. Mining will be done up to a maximum depth of 3 meters or till the water level whichever is less. Mining will be done from 0 levels upward”*. However, there is a discrepancy in the depth of mines in the mining plan. Proper clarification regarding the above should be submitted during the EIA presentation
3. CEPI certificate should be submitted at the time of EIA.

8. Stone Mining at Arazi No.-614, 615 & 616, Village-Layan, Tehsil-Lalganj, District-Mirzapur. Smt. Arun Devi, Area-1.58 ha. File No. 6411/Proposal No. SIA/UP/MIN/217159/2021

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 Environmental Research and Analysis. 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 References are sought for Stone Mining at Arazi No.-614, 615 & 616, Village-Layan, Tehsil-Lalganj, District-Mirzapur, U.P., (Leased Area-1.58 ha.).

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

2. Basic features of the project as submitted by the project proponent.				
1. On-line proposal No.	SIA/UP/MIN/217159/2021			
2. File No. allotted by SEIAA, U.P	6411			
3. Name of Proponent	Smt. Arun Devi W/o Shri Dinesh Prasad Singh,			
4. Full correspondence address of proponent and mobile no.	R/O-Village-Khaira Kalan, Dubar Kalan, Tehsil-Lalganj, Distt-Mirzapur (U.P.)			
5. Name of Project	Building Stone (Sand Stone) Mining Project			
6. Project location (Plot/Khasra/Gata No.)	Arazi No. - 614, 615 & 616			
7. Name of River	NA			
8. Name of Village	Layan			
9. Tehsil	Lalganj			
10. District	Mirzapur (U.P.)			
11. Name of Minor Mineral	Building Stone (Sand Stone) Mining Project			
12. Sanctioned Lease Area (in Ha.)	1.58 Ha			
13. Mineable Area (in Ha.)	1.190 Ha. (Safety Margin 0.3899 Ha.)			
14. Zero level mRL	NA			
15. Max. & Min mRL within the lease area	Maximum & Minimum mRL is 56.9 & 154.98 mRL respectively			
16. Pillar Coordinates (Verified by DMO)	Pillar	Latitude(N)	Longitude(E)	
	A	24° 55' 11.23"	82° 14' 03.32"	
	B	24° 55' 10.10"	82° 14' 2.26"	
	C	24° 55' 06.10"	82° 14' 04.60"	
	D	24° 55' 04.35"	82° 14' 06.95"	
	E	24° 55' 06.78"	82° 14' 08.98"	
17. Total Geological Reserves	5,52,596 m ³			
18. Sanction Quantity as per LOI	42,000 m ³ per year			
19. Total Proposed Production (in five year)	2,10,000 m ³ for 5 years			
20. Proposed Production/year	42,000 m ³ per year			
21. Sanctioned Period of Mine lease	10 Years as per LOI			
22. Production of mine/day	140 m ³ /day			
23. Method of Mining	Open cast, semi-Mechanized			
24. No. of working days	300			
25. Working hours/day	8 hours/day			
26. No. Of workers	45			
27. No. Of vehicles movement/day	18-20 Vehicles movement/day			
28. Type of Land	Building Stone (Sand Stone) Mining Project			
29. Ultimate Depth of Mining	6.0 m			
30. The nearest metalled road from the site	NH-7 is about 1.15 km towards North West direction from the project site.			
31. Water Requirement	PURPOSE		REQUIREMENT (KLD)	
	Drinking water		0.55 KLD	
	Dust suppression		6.6 KLD	
	Plantation		0.78 KLD	
	Others (if any)		-	
	Total		7.93 KLD Approx.	
32. Name of QCI Accredited Consultant with QCI no. and the period of validity.	Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/ EIA/ 1922/RA 0200 Valid up to 30 Dec 2022			
33. Any litigation pending against the project or land in any court	No			
34. Details of 500 m Cluster Map &	Letter No. 558/ खनिज/क०स० /2021-22 Date-			

certificate issued by Mining Officer	28/06/2021
35. Details of Lease Area in approved DSR	
36. Proposed EMP cost	43,73,400/-
37. Proposed Total Project cost	Rs. 90,00,000/-
38. Length and breadth of Haul Road	580 m length and 6.0 m width
39. No. of Trees to be Planted	780

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

RESOLUTION AGAINST AGENDA NO-08

The committee discussed the matter and recommended the grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-3 to the 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.
6. The mining plan approved by the Dept. of Mines and Geology, Uttar Pradesh shall be strictly implemented and shall not be operated beyond the validity period.
7. 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.
8. 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.
9. 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.
10. 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.
11. 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.
12. The project proponent should explore the possibilities of rainwater harvesting.

9. **Non-Agro Warehouse (Industrial Shed) and logistic facility at Khasra No.- 8477, 74, 64, 66, 67, 73, 72, 70, 71, 76, 69, 68, 65 situated in Village-Bani and Khasra No.- 313, 314, situated in Village-Sarai Shehzadi, Post-Bijnor, Tehsil-Sarojini Nagar, Lucknow., Smt. Shweta Sharma, M/s BG Link Infrastructure LLP. File No. 6413/Proposal No. SIA/UP/MIS/214363/2021**

RESOLUTION AGAINST AGENDA NO-09

The project proponent/consultant has not submitted the approved plan issued from the competent authority. The case will be discussed after the submission of online information on the prescribed portal.

10. **Common Bio-medical Waste Treatment Facility at Khasra No.-1006, Village- Paharpur, Post-Gotha Rasoolpur, District-Deoria, U.P., Shri Amaresh Kumar Rai, M/s JKN Purvanchal CBWTF Works. File No. 5790/Proposal No. SIA/UP/MIS/55933/2020**

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 Gaurang Environmental Solutions 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 Common Bio-medical Waste Treatment Facility at Khasra No.-1006, Village-Paharpur, Post- Gotha Rasoolpur, District-Deoria, U.P., M/s JKN Purvanchal CBWTF Works.
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 424/Parya/SEAC/5790/2020, dated 15/10/2020.
3. The public hearing was conducted on 15/04/2021 and the final EIA report was submitted by the project proponent on 29/06/2021.
4. The total plot area of the project is 5800 sq.m. (1.43 Acre).
5. Land use details:

S.No.	Description	Area (m ²)	Percentage
1	Plant area	1400.0	24.13
2	Office area	630.0	10.86
3	Green area	3033.0	52.29
4	Open area	737.0	12.70
	Total	5800.0	100.0

6. Salient features of the project:

6. Salient features of the project.

Items	Details			
Project Name	Common Bio-Medical Waste Treatment Facility (CBWTF), Deoria			
Location	Khasra no 1006, Village Paharpur, Post- Gotha Rasoolpur, Tehsil or District- Deoria, U.P.			
Promoter	M/s. JKN PURVANCHAL CBWTF WORKS			
Project/ Plot area	5800 sq.m. (1.43 acres)			
Proposed areas to be catered with no of healthcare facilities	Deoria, Maharajganj, Kushinagar and Gorakhpur districts of Uttar Pradesh Health care units: 267 No. of beds: 20345 Biomedical waste : 7,629.375 kg/day (approx.)			
Project capacity	S. N.	Particular	Area/Capacity	Nos.
	1.	Plot Area	5800 sq.m.	--
	2.	Incinerator	250 kg/hour	1
	3.	Autoclave	850 kg/batch	1

	4.	Shredder	150 kg/hour	1
	5.	ETP	10 KLD	1
	6.	Sharp pit	200 Litre	1
	7.	Ash pit	10 Cu.m	1
Geo-coordinates	26°38'33.06''N 83°44'56.75''E			
Project Cost	Rs.380 Lakh			
Power Requirement & Source	32 KW Source: Uttar Pradesh State Electricity Distribution Company Limited or DG Set			
Power backup	DG Set – 32 kVA- 1 No.			
Water Requirement & Source	Fresh water: 10 KLD Treated Water : 6.0 KLD Total water demand : 16 KLD Source : Ground water			
Waste water generation	Process effluent: approx. 6.7 KLD Domestic effluent: approx. 1.5 KLD			
Effluent Treatment Plant & disposal	ETP Capacity: 10 KLD ETP Sludge: disposed of to authorized TSDF			
Fuel Requirement	HSD Incinerator: 35 litres per hour DG set: 5 litres per hour			
Manpower Requirement	38 Persons Skilled: 05 Semi-skilled: 33			
Green Area	2436 sq. m. i.e. 42% of the total project area			
EMP Budget	Capital cost : Rs. 26.5 Lakh Recurring cost : Rs. 9.0 Lakh			

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

RESOLUTION AGAINST AGENDA NO-10

The committee discussed the matter and recommended grant of environmental clearance on the proposal as above along with the following standard conditions:

- I. Proposed CBWTF shall comply with the revised guidelines issued by CPCB on December 21st 2016 with respect to location criteria.
- II. 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.
- III. 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, 2016 including section 129 to 137 of Central Motor Vehicle Rules 1989.
 6. The project shall fulfil all the provisions of hazardous Wastes (Management, Handling and Trans boundary 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
- IV. 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 recognised 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. Venturi scrubber (alkaline) should be provided with the incinerator with stack of adequate height (Minimum 30 meters) to control particulate emission within 50 mg/Nm³.
 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.
- V. 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 NAB L 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.
- VI. 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.
- VII. 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
- VIII. 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.
- IX. 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.
- X. 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.
- XI. 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 wise 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.
- XII. 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.

With the permission of Chairman

11. Stone Mining at Gata No.-669, Khand No.-07, at Village-Khailar, Tehsil-Sadar, District-Mahoba., Shri Siddharth Yadav, Area-2.530 ha. File No. 6420/Proposal No. SIA/UP/MIN/64125/2021

The Project Proponent/Consultant vide letter dated 06/9/2021 made a request application to the Chairman, SEAC-1 that *“the File No. 6420/Proposal No. SIA/UP/MIN/64125/2021 is scheduled for 09/9/2021 due to some unavoidable circumstances I am unable to present our Project on 09.09.2021. So kindly accept my request to consider this project on 08.09.2021.”* The Chairman, SEAC-1 accepted the request of the Project Proponent/Consultant and directed the Nodal officer SEAC-1 to put the case on 08/9/2021 for consideration. Accordingly, this case was presented in this meeting.

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 Cognizance Research India 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 Terms of References are sought for Khanda-Boulder/ Gitti-Ballast Mining Project at Gata No 669 (Khand 07) in Village- Khailar, Tehsil- Sadar, District- Jhansi, U.P., (Leased Area 2.530 ha).
2. Salient features of the project as submitted by the project proponent:

27. Sanction features of the project as submitted by the project proponent.			
1.	On-line proposal No.	SIA/UP/MIN/64125/2021	
2.	File No. allotted by SEIAA, UP	6420	
3.	Name of Proponent	Prop: Shri Siddharth Yadav	
4.	Full correspondence address of proponent and mobile No.	R/o 364, Pratappura Nagra, Tehsil- Sadar, District- Jhansi (U.P.)	
		Mobile No-	
		Email-	
5.	Name of Project	KhailarKhanda-Boulder/ Gitti-Ballast Mining project	
6.	Project location (Plot/Khasra/Gata No.)	Gata No 669 (Khand 07)	
7.	Name of River	-	
8.	Name of Village	Khailar	
9.	Tehsil	Sadar	
10. District		Jhansi	
11. Name of Minor Mineral		Khanda-Boulder/ Gitti-Ballast	
12. Sanctioned Lease Area (in Ha.)		2.530 ha	
13. Max & Min mRL within the lease area		Max- 322.0 mRL& 290.0 mRL	
14. Pillar Coordinates (Verified by DMO)	Sanctioned Mining Lease Area		
	Pillar No.	Latitude	Longitude
	A	25°20'43.70"N	78°31'10.50"E
	B	25°20'47.53"N	78°31'5.43"E
	C	25°20'43.94"N	78°31'2.91"E
	D	25°20'38.80"N	78°31'7.90"E
	E	25°20'42.70"N	78°31'8.20"E
	F	25°20'42.54"N	78°31'10.17"E
15. Total Geological Reserves		8,85,030 Cum	
16. Total Mineable Reserves in LOI		63,250 Cum/year	
17. Total Proposed Production		63,250 Cum/year	
18. Proposed Production/year		63,250cum	
19. Sanctioned Period of Mine lease		Maximum 20 years	
20. Production of mine/day		243.26	
21. Method of Mining		Open Cast Semi-mechanized Method	
22. No. of working days		260 days	
23. Working hours/day		8 hrs	
24. No. of workers		38	
25. No. of vehicles movement/day		34	
26. Type of Land		Government waste land	
27. Ultimate Depth of Mining		54	
28. The nearest metalled road from site		1.50 km	
29. Water Requirement	PURPOSE		REQUIREMENT (KLD)
	Drinking		0.38
	Suppression of dust		11.76
	Plantation		0.15
	Others (if any)		0.38
	Total		12.67
30. Name of QCI Accredited Consultant with QCI No and period of validity.		Cognizance Research India Pvt. Ltd. 1922, validity= 03-02-2022	

31. Any litigation pending against the project or land in any court	No
32. Details of 500 m Cluster Map & certificate issued by Mining Officer	Yes, certified
33. Details of Lease Area in approved DSR	Yes, given in the DSR
34. Proposed CER cost	Rs1,33,000/-
35. Proposed EMP cost	Capital Cost-Rs81,750/- Recurring Cost- 3,68,000/-
36. Length and breadth of Haul Road	Length: 980m, width: 6 m
37. No. of Trees to be Planted	75 plants

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

RESOLUTION AGAINST AGENDA NO-11

The committee discussed the matter and recommended to issue the terms of References (ToR) for the preparation of EIA as annexed at annexure-1. The committee also stipulated flowing additional ToR:

1. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.

12. Building Stone (Khanda, Boulder, Bailast&Gitti)Mine at Gata No.-2/4, Khand No.- 05, at Village- Jujhar, Tehsil & District- Mahoba, U.P., Shri Yashraj Jadon, M/s Royal Natural Stones Pvt. Ltd. Lease area-1.619 ha.,File No. /Proposal No. 6302/ SIA/UP/MIN/ 63437/2021

The committee noted that the matter was earlier discussed in the 552nd SEAC-1 Meeting Dated 23/07/2021 wherein, A presentation was made by the project proponent along with their consultant M/s Environmental Research and Analysis. 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 Building Stone (Khanda, Boulder, Bailast&Gitti)Mine at Gata No.-2/4, Khand No.- 05, at Village- Jujhar, Tehsil & District- Mahoba, U.P., Shri Yashraj Jadon, M/s Royal Natural Stones Pvt. Ltd. Lease area-1.619 ha.
2. Salient features of the project as submitted by the project proponent:

38. Name of Proponent	M/s Royal Natural Stones Pvt. Ltd. Mr. Yashraj Jadaun S/o Mr. Virendra Singh Jadaun
39. Full correspondence address of proponent and mobile no.	R/o- E-7/M-708, Area Colony, Bhopal, (M.P.)
40. Name of Project	Building Stone, Khanda, Boulder, Ballast (Gitti) Mining Project
41. Project location (Plot/Khasra/Gata No.)	Arazi No. 2/4 (Khand No. – 05),
42. Name of River	NA
43. Name of Village	Jujhar
44. Tehsil	Sadar
45. District	Mahoba (U.P.)
46. Name of Minor Mineral	Building Stone, Khanda, Boulder, Ballast (Gitti) Mining Project

47. Sanctioned Lease Area (in Ha.)	1.619 Ha.		
48. Mineable Area (in Ha.)	1.2493 Ha. (Safety Margin 0.3697 Ha.)		
49. Zero level mRL	NA		
50. Max. & Min mRL within the lease area	Maximum & Minimum mRL 193 & 170.10 mRL respectively		
51. Pillar Coordinates (Verified by DMO)	Pillar	Latitude(N)	Longitude(E)
	A	25°24'21.47"N	79°55'15.00"E
	B	25°24'23.42"N	79°55'17.95"E
	C	25°24'19.64"N	79°55'22.18"E
	D	25°24'17.11"N	79°55'19.74"E
52. Total Geological Reserves	6,57,525 m ³		
53. Sanction Quantity as per LOI	64,760 m ³ per year as per LOI		
54. Total Proposed Production (in five years)	3,23,800 m ³ in five year		
55. Proposed Production/year	64,760 m ³ per year		
56. Sanctioned Period of Mine lease	10 Years as per LOI		
57. Production of mine/day	215.87 m ³ /day		
58. Method of Mining	Open cast, Mechanized		
59. No. of working days	300		
60. Working hours/day	8 hours/day		
61. No. Of workers	40		
62. No. Of vehicles movement/day	16-17 Vehicles movement/day		
63. Type of Land	Building Stone(Khanda, Boulder, Ballast (Gitti) Mining Project		
64. Ultimate Depth of Mining	6.0 m		
65. The nearest metalled road from the site	NH-76 is about 8.0 km towards South-East direction.		
66. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking water	0.5 KLD	
	Dust suppression	5.52 KLD	
	Plantation	0.4 KLD	
	Others (if any)	-	
	Total	6.42 KLD (Approx. 6.4 KLD)	
67. Name of QCI Accredited Consultant with QCI No And the period of validity.	Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/ EIA/ 1922/RA 0200 Valid up to 30 December 2022		
68. Any litigation pending against the project or land in any court	No		
69. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 5344/एम०एम०सी०-30 /2020-21 Date-28/09/2020		
70. Details of Lease Area in approved DSR	Corrigendum Letter no:154/M.M.C-30-Khanij(2021-22) dated 12/05/2021		
71. Proposed EMP cost	28,21,600/-		
72. Proposed Total Project cost	Rs. 80,00,000/-		
73. Length and breadth of Haul Road	230 m length and 6.0 m width		
74. No. of Trees to be Planted	400		

- The mining would be restricted to the unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point in time.
- The mining operation will not be carried out in the safety zone of any bridge or embankment or eco-fragile zone such as the habitat of any wild fauna.
- There is no litigation pending in any court regarding this project.

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

RESOLUTION AGAINST AGENDA NO-12

The committee reviewed the case and observed that the grant of environmental clearance was recommended inadvertently for the project proposal along with general and specific conditions as annexed at Annexure-2 to the MoM dated 23/07/2021 and not for Terms of References (ToR's) which was a typing mistake. The error is regretted, the committee discussed the matter and recommended to issue the terms of References (ToR) for the preparation of EIA as annexed at annexure-1 to these minutes. The committee also stipulated flowing additional ToR:

1. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.

Annexure-1

Terms of Reference for the Mining Project

1. Year-wise production details since 1994 should be given, clearly stating the highest production achieved in any one year before 1994. It may also be categorically informed whether there had been any increase in production after the EIA Notification 1994 came into force, w.r.t. the highest production achieved before 1994.
2. A copy of the document in support of the fact that the proponent is the rightful lessee of the mine should be given.
3. All documents including an approved mine plan, EIA and Public Hearing should be compatible with one another in terms of the mine lease area, production levels, waste generation and its management, mining technology, etc., and should be in the name of the lessee.
4. All corner coordinates of the mine lease area superimposed on a High-Resolution Imagery/toposheet, topographic sheet, geomorphology, and geology of the area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
5. Information should be provided in the Survey of India Toposheet on a 1:50,000 scale indicating a geological map of the area, geomorphology of landforms of the area, existing minerals and mining history of the area, important water bodies, streams and rivers, and soil characteristics.
6. Details about the land proposed for mining activities should be given with information as to whether mining conforms to the land use policy of the State; land diversion for mining should have approval from the State land use board or the concerned authority.
7. It should be clearly stated whether the proponent Company has a well laid down Environment Policy approved by its Board of Directors? If so, it may be spelt out in the EIA report with the description of the prescribed operating process/procedures to bring into focus any infringement/deviation/ violation of the environmental or forest norms/ conditions? The hierarchical system or administrative order of the Company to deal with the environmental issues and for ensuring compliance with the EC conditions may also be given. The system of reporting of non-compliances / violations of environmental norms to the Board of Directors of the Company and/or shareholders or stakeholders at large may also be detailed in the EIA Report.
8. Issues relating to Mine Safety, including subsidence study in case of underground mining and slope study in case of open cast mining, blasting study, etc. should be detailed. The proposed safeguard measures in each case should also be provided.
9. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc. should be for the life of the mine/lease period.
10. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary, national park, migratory routes of fauna, water bodies, human settlements, and other ecological features should be indicated. The land-use plan of the mine lease area should be prepared to encompass preoperational, operational, and post-operational phases and submitted. Impact, if any, of change of land use should be given.
11. Details of the land for any Over Burden Dumps outside the mine lease, such as the extent of land area, distance from mine lease, its land use, R&R issues, if any, should be given.
12. A Certificate from the Competent Authority in the State Forest Department should be provided, confirming the involvement of forest land, if any, in the project area. In the event of any contrary claim by the Project Proponent regarding the status of forests, the site may be inspected by the State Forest Department along with the Regional Office of the Ministry to ascertain the status of forests, based on which, the Certificate in this regard as mentioned above be issued. In all such cases, it would be desirable for the representative of the State Forest Department to assist the Expert Appraisal Committees.
13. Status of forestry clearance for the broken-up area and virgin forestland involved in the

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

used for modelling should be provided. The air quality contours may be shown on a location map specifically indicating the location of the site, location of sensitive receptors if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.

24. The water requirement for the Project, its availability, and source should be furnished. A detailed water balance should also be provided. Freshwater requirements for the Project should be indicated.
25. Necessary clearance from the Competent Authority for the drawl of the requisite quantity of water for the Project should be provided.
26. Description of water conservation measures proposed to be adopted in the Project should be given.
27. Details of rainwater harvesting proposed in the Project, if any, should be provided.
28. The impact of the Project on the water quality, both surface and groundwater, should be assessed and necessary safeguard measures, if any required, should be provided.
29. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater.
30. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed Hydro Geological Study should be undertaken and a Report furnished. The Report inter-alia shall include details of the aquifers present and the impact of mining activities on these aquifers. Necessary permission from Central Ground Water Authority for working below groundwater and for pumping of groundwater should also be obtained and copy furnished.
31. Details of any stream, seasonal or otherwise, passing through the lease area and modification/diversion proposed if any, and the impact of the same on the hydrology should be brought out.
32. Information on site elevation, working depth, groundwater table, etc. Should be provided both in AMSL and BGL. A schematic diagram may also be provided for the same.
33. A time-bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species, and time frame) and submitted, keeping in mind, the same will have to be executed upfront on commencement of the Project. Phase-wise plan of plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of the plantation already done should be given. The plant species selected for the green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species which are tolerant to pollution.
34. Impact on local transport infrastructure due to the Project should be indicated. A projected increase in truck traffic as a result of the Project in the present road network (including those outside the Project area) should be worked out, indicating whether it is capable of handling the incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered. Project Proponent shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.
35. Details of the onsite shelter and facilities to be provided to the mineworkers should be included in the EIA Report.
36. Conceptual post-mining land use and Reclamation and Restoration of mined-out areas (with plans and with the adequate number of sections) should be given in the EIA report.
37. Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. The project-specific occupational health mitigation measures with required facilities proposed in the mining area may be detailed.
38. Public health implications of the Project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary allocations.

39. Measures of socio-economic significance and influence to the local community proposed to be provided by the Project Proponent should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation.
40. Detailed environmental management plan (EMP) to mitigate the environmental impacts which, should inter-alia include the impacts of the change of land use, loss of agricultural and grazing land, if any, occupational health impacts besides other impacts specific to the proposed Project.
41. Public Hearing points raised and commitment of the Project Proponent on the same along with time-bound Action Plan with budgetary provisions to implement the same should be provided and also incorporated in the final EIA/EMP Report of the Project.
42. Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the project should be given.
43. The cost of the Project (capital cost and recurring cost), as well as the cost towards implementation of EMP, should be spelt out.
44. A Disaster Management Plan shall be prepared and included in the EIA/EMP Report.
45. Benefits of the Project if the Project is implemented should be spelt out. The benefits of the Project shall indicate environmental, social, economic, employment potential, etc.
46. Besides the above, the below mentioned general points are also to be followed:-
 - a. Executive Summary of the EIA/EMP Report
 - b. All documents are to be properly referenced with index and continuous page numbering.
 - c. Where data are presented in the Report especially in Tables, the period in which the data were collected and the sources should be indicated.
 - d. Project Proponent shall enclose all the analysis/testing reports of water, air, soil, noise, etc. using the MoEF&CC/NABL accredited laboratories. All the original analysis/testing reports should be available during the appraisal of the Project.
 - e. Where the documents provided are in a language other than English, an English translation should be provided.
 - f. The Questionnaire for environmental appraisal of mining projects as devised earlier by the Ministry shall also be filled and submitted.
 - g. While preparing the EIA report, the instructions for the Proponents and instructions for the Consultants issued by MoEF&CC vide O.M. No. J-11013/41/2006-IA.II(I) dated 4th August 2009, which are available on the website of this Ministry, should be followed.
 - h. Changes, if any made in the basic scope and project parameters (as submitted in Form-I and the PFR for securing the TOR) should be brought to the attention of MoEF&CC with reasons for such changes, and permission should be sought, as the TOR may also have to be altered. Post-Public Hearing changes in structure and content of the draft EIA/EMP (other than modifications arising out of the P.H. process) will entail conducting the PH again with the revised documentation.
 - i. As per circular no. J-11011/618/2010-IA.II(I) dated 30.5.2012, a certified report of the status of compliance of the conditions stipulated in the environment clearance for the existing operations of the project, should be obtained from the Regional Office of Ministry of Environment, Forest and Climate Change, as may be applicable.
 - j. The EIA report should also include: (i) surface plan of the area indicating contours of main topographic features, drainage, and mining area, (ii) geological maps and sections, and (iii) sections of the mine pit and external dumps, if any, clearly showing the land features of the adjoining area.

Annexure-2

General and Specific Conditions for Soil Earth Mining Projects:-

General condition:

1. This environmental clearance does not create or verify any claim of the 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 the landowner from where earth excavation is proposed.
3. No change in mining technology and scope of work shall be made without the approval of the 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 the Environment (Protection) Act, 1986.

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

- Pollution Check Certificate and should conform to applicable air and noise emission standards.
21. Personnel exposure monitoring for respirable mineral dust shall be carried out for the workers and records maintained including the health records of the workers. Awareness programs 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. First aid facilities and adequate sanitary facilities in the form of temporary toilets/septic tanks.
 22. Solid waste material viz. gutkha wrappers, plastic bags, glasses, etc. to be generated during project activity will be separately stored in bins and managed as per Solid Waste Management Rules.
 23. The project proponent should maintain a daily register for information on (a) collection of soil/clay, (b) manpower & (c) transportation purpose.
 24. Soil mining shall strictly be undertaken as per rules and regulations/permissions obtained from District Administration/Mining Department
 25. 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 the resolution as above shall be submitted to the authority along with the list of beneficiaries with their mobile nos./address.
 26. The borrowing/excavation activity shall be restricted to a maximum depth of 2 m. below general ground level at the site.
 27. The borrowing/excavation activity shall be restricted to 2 m. above the groundwater table at the site.
 28. The borrowing/excavation activity shall not alter the natural drainage pattern of the area.
 29. The borrowed/excavated pit shall be restored by the project proponent for useful purpose(s).
 30. Appropriate fencing all around the borrowed/excavated pit shall be made to prevent any mishap.
 31. Measures shall be taken to prevent dust emission by covering borrowed/excavated earth during transportation.
 32. Safeguards shall be adopted against health risks on account of breeding of vectors in the water bodies created due to borrowing/excavation of earth.
 33. Workers/labourers shall be provided with facilities for drinking water and sanitation.
 34. A berm shall be left from the boundary of the adjoining field having a width equal to at least half the depth of the proposed excavation.
 35. A minimum distance of 15 m from any civil structure shall be kept from the periphery of any excavation area.

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, SO₂, NO_x 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, SO₂, NO_x) should be regularly submitted to the regional office, MoEF, GoI, Lucknow, and the State Pollution Control Board / Central Pollution Control Board once in six months.
8. Ambient air quality at the boundary of the mine premises shall conform to the norms prescribed in MoEF notification no. GSR/826(E) 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 Regional Office, MoEF, 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 MoEF, GoI, Lucknow, and State Pollution Control Board

19. The Regional Office, MoEF, 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 Regional Office of the MoEF, GoI, Lucknow, and State Pollution Control Board
20. A copy of the environmental clearance shall be submitted by the Project Proponent to the Heads of the Local Bodies, Panchayat, and Municipal Bodies as applicable in the matter.
21. The Project Proponent shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Level Environment Impact Assessment Authority (SEIAA).
22. The Project Proponent has to submit 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 1st June and 1st December of each calendar year.
23. The SEIAA may alter/modify the above conditions or stipulate any further condition in the interest of 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.
6. Explosive cannot be stored on the site.
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 Regional Office, MoEF&CC, GoI, Lucknow every year.

13. Blast vibrations study shall be conducted and an observation report submitted to the 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.
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 expense. The roads shall be blacktopped.
17. Rainwater harvesting shall be undertaken to recharge the groundwater source.
18. Status of implementation shall be submitted to the Regional Office, MoEF&CC, GoI, Lucknow, and UP Pollution Control Board within six months and thereafter every year from the next consequent year.
19. 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 Regional Office, MoEF, GoI, Lucknow, and U.P. Pollution Control Board regularly. Further, monitoring points shall be located between the mine, and drainage in the direction of flow of 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 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., pre-monsoon (April May), monsoon (August), post-monsoon (November), and winter (January), and the data thus collected shall be regularly sent to MoEF&CC, Central Ground Water Authority, and Regional Director, Central Ground Water Board.
 35. The 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 Regional Office, Ministry of Environment & Forests, 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 Regional Office, Ministry of Environment & Forests, GoI, Lucknow, and U.P. Pollution Control Board 5 years in advance of final mine closure for approval.
 40. Project Proponent shall explore the possibility of using solar energy where ever possible.
 41. Commitment towards CER has to be followed strictly.
 42. Regular health check-up the 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.

Nodal SEAC-1

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