

Minutes of 515th SEAC Meeting Dated 28/12/2020

The 515th meeting of SEAC was held through video in view of the Corona Virus Disease (Covid-19) on 28/12/2020. Following members were participated in the online meeting:

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

The Chairman welcomed the members to the 515th SEAC meeting which was conducted online. The SEAC unanimously took following decisions on the agenda points discussed:

1. **Earth Mining at Khasra No.-1288, 1289, Village- Katesar, Tehsil- Laharpur, Sitapur, U.P., Shri Pawan Kumar., Area: 0.562 ha. File No. 6005/Proposal No. SIA/UP/MIN/184275/2020**

RESOLUTION AGAINST AGENDA NO-1

The committee discussed the matter and observed that the ultimate depth of mining is less than 02 m. Hence, environmental clearance of the above project proposal is not required as per MoEF&CC, GOI notification S.O. 1224(E) dated 28/03/2020 and Environment, Forest & Climate Change, Section -7, Government of UP G.O. No. 446/81-7-2020-39(parya)/2014 TC-1 dated 01/05/2020.

2. **Earth (Loam/Silty Clay) Mining at Khasra No.-1124, 1186, Village- Katesar, Tehsil- Laharpur, District- Sitapur, U.P., Shri Abhishek Yadav Area: 0.376 ha). File No. 6006/Proposal No. SIA/UP/MIN/184190/2020**

RESOLUTION AGAINST AGENDA NO-2

The committee discussed the matter and observed that the ultimate depth of mining is less than 02 m. Hence, environmental clearance of the above project proposal is not required as per MoEF&CC, GOI notification S.O. 1224(E) dated 28/03/2020 and Environment, Forest & Climate Change, Section -7, Government of UP G.O. No. 446/81-7-2020-39(parya)/2014 TC-1 dated 01/05/2020.

3. Soil Mining at Khasra No.-447, Village- Tahpur, Tehsil- Laharpur, District-Sitapur, U.P., Shri Ajay Kumar, Area: 0.591 ha). File No. 6010/Proposal No. SIA/UP/MIN/184699/2020

A presentation was made by the project proponent along with their consultant M/s Chandigarh Pollution Testing Laboratory. The proponent, through the documents submitted and the presentation made informed the committee that:-

- 1- The environmental clearance is sought for Soil Mining at Khasra No.-447, Village- Tahpur, Tehsil- Laharpur, District-Sitapur, U.P., (Leased Area: 0.591 ha).
- 2- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/184699/2020		
2. File No .allotted by SEIAA,UP	6010		
3. Name of Proponent	Shri Ajay Kumar		
4. Registered Address	Maharajnagar, Laharpur, Sitapur, Uttar Pradesh		
5. Full correspondence address of proponent and mobile no.	Maharajnagar, Laharpur, Sitapur, Uttar Pradesh		
	Email: ajayspnsoil@gmail.com Mobile no. 8299046452		
6. Name of Project	Ajay soil Mining Project		
7. Project location (Plot/ Khasra /Gata No.)	Khasra No- 447		
8. Name of Village	Tahpur,		
9. Tehsil	Laharpur		
10.District	Sitapur		
11. Name of Minor Mineral	Ordinary soil		
12. Total Area (in Ha.)	0.591ha		
13. Mineable Area (in Ha.)	0.569 ha		
14.Pillar Coordinates(Verified by OMO)	Pillar	Latitude	Longitude
	A	27°44'26.11"N	80°54'25.09"E
	B	27°44'22.56"N	80°54'28.04"E
	C	27°44'23.26"N	80°54'29.46"E
	D	27°44'27.06"N	80°54'26.43"E
15. Period of agreement between Project proponent & Land Owner	6 months		
16. Mine Plan approval details	Letter No. 66 dated 22-08-2020		
17. Validity of Mine Plan	6 months		
18.Total Proposed Production (in five year)	14,732.44 tonnes /9207.78 cum		
19. Proposed Production/year	Project is only for 6 months		
20.Method of Mining	Semi-Mechanized Opencast		
21.No.Of workers	9		
22.Type of Land	Pvt. Land (Agriculture)		
23.Ultimate Depth of Mining	2.25 Meter		
24. Water Requirement	Purpose	Requirement (kld)	
	Drinking and domestic	0.407	
	Suppression of dust	0.75	
	Plantation	0.1	
	Others(if any)	-----	
	Total	1.26	
25. Name of QCI Accredited Consultant with QCI	Chandigarh Pollution Testing Laboratory Eia Division		

No and period of validity.	E-126, Phase VII, Industrial Area, Mohali (Punjab) Valid till: 12/02/2022	
26. Any litigation pending against the project or land in any court	No	
27. Areas which are important or sensitive for ecological reasons – Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests, protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, migration	Nil	
28. Areas occupied by sensitive manmade land uses (hospitals, schools, places of worship, community facilities)	ONGC Community School Govt primary School, Ravnasi Maa kamla Chikitsalay Rafiq ansari clinic Shree chandrakeswar mahadev temple Shiv mandir	About 7 km in W direction About 8 km in SW direction About 3 km in SW direction About 2 km in S direction About 3 km in N direction About 3 km in S direction
29. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 3364 dated 23-08-2020	
30. Proposed CER cost	0.20 Lakh	
31. Proposed EMP cost	0.50 Lakh	
32. No. of Trees to be Planted	50	
33. Detail of CTE issued by UPPCB (for brick kiln project)	NA	

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

RESOLUTION AGAINST AGENDA NO-03

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

4. Soil Excavation at Gata No.-176, 166/2, 167, 168, 169, 171/2, 135/2, 318, 172, 207, 195, 196, 180, 390,, Village- Murtajanagar, Tehsil- Mahmoodabad, Sitapur,, Shri Ranbachan., Area:2.176 ha. File No. 6011/Proposal No.SIA/UP/MIN/184807/2020

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

- 1- The environmental clearance is sought for Soil Excavation at Gata No.-176, 166/2, 167, 168, 169, 171/2, 135/2, 318, 172, 207, 195, 196, 180, 390,, Village- Murtajanagar, Tehsil- Mahmoodabad, Sitapur, U.P. (Leased Area:2.176 ha.).

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

1-	On-line proposal No.	SIA/UP/MIN/184807/2020				
2-	File No. allotted by SEIAA, UP	6011				
3-	Name of Proponent	Shri Rambachan S/o Shri Baizu				
4-	Full correspondence address of proponent and mobile no.	R/o: Vill.- Dhuriya, Post- Gadaicha, Tehsil- Mahmoodabad, District- Sitapur, Uttar Pradesh				
5-	Name of Project	Ordinary Soil Excavation Project				
6-	Project location (Plot/ Khasra /Gata No.)	Gata No.- 176, 166/2, 167, 168, 169, 171/2, 235/2, 318, 172, 207, 195, 196, 180, 390				
7-	Name of Village	Murtajanagar				
8-	Tehsil	Mahmoodabad				
9-	District	Sitapur				
10-	Name of Minor Mineral	Ordinary Soil				
11-	Sanctioned LeaseArea (inHa.)	2.176 ha.				
12-	Max.&Min mrl within lease area	127.0 mRL- 126.0mRL				
13-	Pillar Coordinates(Verified by DMO)	Gata No.	Area	Pillar	Latitude	Longitude
		176, 166/2, 167, 168, 169, 171/2, 172, 235/2, 180	1.413 ha.	A	27°18'44.65"N	81°10'14.37"E
				B	27°18'43.60"N	81°10'15.50"E
				C	27°18'42.36"N	81°10'14.50"E
				D	27°18'41.21"N	81°10'15.67"E
				E	27°18'38.69"N	81°10'13.29"E
				F	27°18'42.03"N	81°10'9.94"E
				G	27°18'43.09"N	81°10'10.96"E
				H	27°18'43.17"N	81°10'13.20"E
		318, 390	0.135 ha.	A	27°18'34.97"N	81°10'1.84"E
				B	27°18'34.70"N	81°10'3.77"E
				C	27°18'31.83"N	81°10'1.79"E
				D	27°18'32.82"N	81°10'0.15"E
		207	0.132 ha.	A	27°18'31.59"N	81° 9'59.40"E
				B	27°18'30.72"N	81°10'0.94"E
				C	27°18'29.99"N	81°10'0.46"E
				D	27°18'31.00"N	81° 9'58.92"E
		195, 196	0.496 ha.	A	27°18'13.39"N	81°10'6.85"E
				B	27°18'12.80"N	81°10'7.76"E
				C	27°18'11.70"N	81°10'6.87"E
D	27°18'12.31"N			81°10'5.88"E		
14-	Total Geological Reserves	21760 m ³				
15-	Total Mineable Reserves	17272 m ³				
16-	Total Proposed Production (in 6 months)	17272 m ³				
17-	Proposed Production (in 6 month)	17272 m ³				
18-	Sanctioned Period of Mine lease	Agreement of 1 year & 6 month with land owners				
19-	Production of mine/day	95.95 m ³				
20-	Method of Mining	Opencast Semi-Mechanized				
21-	No.of working days	180 days				
22-	Working hours/day	8 Hours/Day				
23-	No.Of workers	10 (average)				
24-	No.Of vehicle movement /day	32 Tractors (average)				
25-	Type of Land	Agricultural Land				

26-	Ultimate Depth of Mining	2.50 meter (average)		
27-	Nearest metalled road from site	0.3 km		
28-	Water Requirement	PURPOSE	REQUIREMENT (KLD)	
		Drinking& Others	0.10	
		Suppression of dust	1.80	
		Plantation	0.10	
		Others(if any)	-----	
		Total	2.00	
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-01/05/2021		
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, Shahjahanpurvide Letter No. 3336/Khanan/Sitapur/2020-21, Dated 17.10.2020		
32-	Details of Lease Area in approved DSR	NA		
33-	Proposed CER cost	0.26 Lakh		
34-	Proposed EMP cost	2.67 Lakh		
35-	Length and breadth of Haul Road.	Length- 0.3 Km, Width- more than 6.0 m		
36-	No. of Trees to be Planted	100		

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

RESOLUTION AGAINST AGENDA NO-04

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure-1 to these minutes regarding Soil Earth mining project.

5. Building Stone (Khandas & Gitti, Boulder) Mining at Gata No.- 01, Khand No.- 01, Village- Baghwa, Mahoba., M/s Geeta Mangal Construction, Area-0.809 ha. File No. 4674/Proposal No. SIA/UP/MIN/31412/2019

A presentation was made by the project proponent along with their consultant M/s Globus Environment Engineering Services. The committee discussed the matter and directed the project proponent to submit following information:

1. Composite lease map on the basis of cluster certificate.
2. Khasra map verified by DMO.
3. Value of silica is arbitrary.
4. Incremental value is very high. Provide justification and remedial measures.
5. Consultant could not produce intimation letter regarding commencement of baseline environmental monitoring to UPPCB and District Authorities.

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

6. Building Stone (Khanda, Gitti & Boulder) Mine at Gata No.-332, Khand No.-01, Village- Badokhar Khurd, Naraini, Banda., Shri Kunwar Vinod Raja, Area-1.61 ha. File No. 6033/5062/Proposal No. SIA/UP/MIN/58348/2019

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

1. The environmental clearance is sought for Building Stone (Khanda, Gitti & Boulder) Mine at Gata No.-332, Khand No.-01, Village- Badokhar Khurd, Naraini, Banda, U.P. (Leased Area-1.61 ha.).
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 529/Parya/SEAC/5062/2019 dated 16/01/2020.
3. The public hearing was organized on 02/07/2020. Final EIA report submitted by the project proponent on 11/12/2020.
4. Salient features of the project as submitted by the project proponent:

17. Salient features of the project as submitted by the project proponent.			
1. On-line proposal No.	SIA/UP/MIN/58348/2019		
2. File No .allotted by SEIAA,UP	6033 & 5062		
3. Name of Proponent	Shri Kunwar Vinod Raja S/o Late Shri Ramkripal Singh		
4. Full correspondence address of proponent and mobile no.	R/o- M.I.G.B, 74, Near BSNL Tower, Indira Nagar, District- Banda, U.P.		
5. Name of Project	Granite (Gitti, Khanda & Boulders) Mining Project		
6. Project location (Plot/ Khasra /Gata No.)	Gata No.- 332 (Khand No.- 01)		
7. Name of Village	Badokhar Khurd		
8. Tehsil	Naraini		
9.District	Banda		
10. Name of Minor Mineral	Granite (Gitti, Khanda & Boulders)		
11. Sanctioned Lease Area (in Ha.)	1.61 ha.		
12. Mineable Area (in Ha.)	1.61 ha.		
13.Max.& Min mrl within lease area	183.0 mRL- 147.0 mRL		
14.Pillar Coordinates(Verified by DMO)	Pillars	Latitude (N)	Longitude (E)
	A	25° 19' 39.68"	80° 22' 32.68"
	B	25° 19' 41.72"	80° 22' 30.03"
	C	25° 19' 43.25"	80° 22' 31.93"
	D	25° 19' 42.60"	80° 22' 32.61"
	E	25° 19' 44.45"	80° 22' 36.76"
	F	25° 19' 43.42"	80° 22' 38.03"
15.Total Geological Reserves	9,46,170 m ³		
16.Total Mineable Reserves	2,75,752 m ³		
17.Total Proposed Production (in five year)	80,500 m ³		
18.Proposd Production for 5 years			
19.Sanctioned Period of Mine lease	20 Years		
20.Production of mine/day	53.67 m ³		
21.Method of Mining	Opencast Semi-Mechanized		
22.No.of working days	300 days		
23.Working hours/day	8 Hours/Day		

24.No.Of workers	33												
25.No.Of vehicle movement /day	6												
26.Type of Land	Govt. land Non- Agricultural												
27.Ultimate Depth of Mining	12 Meter												
28.Nearest metalled road from site	0.3 km												
29. Water Requirement	<table border="1"> <thead> <tr> <th>PURPOSE</th><th>REQUIREMENT (KLD)</th></tr> </thead> <tbody> <tr> <td>Drinking</td><td>0.40</td></tr> <tr> <td>Suppression of dust</td><td>1.80</td></tr> <tr> <td>Plantation</td><td>0.20</td></tr> <tr> <td>Others(if any)</td><td>-----</td></tr> <tr> <td>Total</td><td>2.40</td></tr> </tbody> </table>	PURPOSE	REQUIREMENT (KLD)	Drinking	0.40	Suppression of dust	1.80	Plantation	0.20	Others(if any)	-----	Total	2.40
PURPOSE	REQUIREMENT (KLD)												
Drinking	0.40												
Suppression of dust	1.80												
Plantation	0.20												
Others(if any)	-----												
Total	2.40												
30. Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh (Servicing Environment and Development), Lucknow, U.P. QCI/NABET/EIA/1821/RA0120 Validity- May 01, 2021												
31. Any litigation pending against the project or land in any court	No												
32. Details of 500 m Cluster Map & certificate Verified by Mining Officer	Sanctioned from DM Office, Banda vide letter no. 1016/khanij-30, Bnada, dated 15, June 2019												
33. Details of Lease Area in approved DSR	Correction Letter Sanctioned from DMO, Banda vide Letter No. 1374/Khanij-30, Banda, Dated 13 th August, 2019 Page No.- 01, S.No.- 05												
34. Proposed CER cost	1.25 Lakh												
35. Proposed EMP cost	12.56 Lakh												
36. Length and breadth of Haul Road.	Length- 0.3 Km, Width- more than 6.0 m												
37. No. of Trees to be Planted	182												

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

RESOLUTION AGAINST AGENDA NO-06

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

7. Building Stone,(Sand Stone)Mine at Gata No./Araji No./Plot No.- 188mi, Village- Lahaura, Tehsil- Chaunar, Mirzapur, U.P., Smt. Sunita Devi , Area -1.01 ha. File No. 4743/Proposal No. SIA/UP/MIN/34683/2019

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

1. The environmental clearance is sought for Building Stone (Sand stone) mine, at Gata No./Araji No. /Plot no. – 188mi, Village – Lahaura, Tehsil- Chunar, District- Mirzapur, Uttar Pradesh, (Leadsed Area 1.01 ha.).
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 124/Parya/SEAC/4743/2019 dated 21/06/2019.

3. The public hearing was organized on 19/09/2019. Final EIA report submitted by the project proponent on 11/12/2020.

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

1.	On-line proposal No.	SIA/UP/MIN/34683/2019		
2.	File No. allotted by SEIAA, UP	4743		
3.	Name of Proponent	Smt. Sunita Devi		
4.	Full correspondence address of proponent and mobile no.	Sunita Devi		
		W/o Shri Ramu Gupta		
		R/o Village – Lahaura, Tehsil- Chunar District- Mirzapur, Uttar Pradesh		
		Mobile no. – 9335881715		
		E mail ID - devisunita251278@gmail.com		
5.	Name of Project	Environmental Clearance for Proposed Building Stone (Sand stone) mine, at Gata No./Araji No. /Plot no. – 188mi, Area 1.01 ha. (2.49 Acres) at Village – Lahaura, Tehsil- Chunar, District- Mirzapur, Uttar Pradesh of Smt. Sunita Devi		
6.	Project Location (Plot. Khasra/Gata No.)	188mi		
7.	Name of River	Ganga River - 13.65* Km (N)		
8.	Name of Village	Lahaura, Tehsil- Chunar, District- Mirzapur, Uttar Pradesh		
9.	Tehsil	Chunar		
10.	District	Mirzapur		
11.	Name of Minor Mineral	Building Stone (Sand stone)		
12.	Sanctioned Lease Area (in Ha.)	1.01 ha		
13.	Max. & Min mRL within lease area	Highest mRL 161.80 m Lowest mRL 151.20m		
14.	Pillar Coordinates (Verified by DMO)	Pillar No	N	E
		A	24° 59' 52.65"	82° 45' 41.56"
		B	24° 59' 52.95"	82° 45' 43.99"
		C	24° 59' 47.75"	82° 45' 44.43"
		D	24° 59' 47.61"	82° 45' 42.08"
15.	Total Geological Reserves	2,46,080 m ³		
16.	Total Mineable Reserve	1,71,759 m ³		
17.	Total Proposed Production	50,500 m ³ (5 years)		
18.	Proposed Production /year (as per LoI)	10,100 m ³ /annum		
19.	Sanctioned Period of Mine lease	5 years		
20.	Production of mine/day	34 m ³ /day		
21.	Method of Mining	Opencast, /Semi-mechanized		
22.	No. of working days	300		
23.	Working hours/day	8		
24.	No. of worker	52		
25.	No. of vehicles movement/day	3		
26.	Type of Land	Govt./Non Forest Land (riverbed)		
27.	Ultimate of Depth of Mining	12.0 m		
28.	Nearest metalled road from site	0.60 km		
29.	Water Requirement	PURPOSE		
		Drinking	- 0.52 KLD	
		Suppression of dust	- 7.20 KLD	
		Plantation	- 0.25 KLD	
		Others (if any)	- 0.00 KLD	
		Total	- 8.00 KLD	
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	Paramarsh Servicing Environment and development NABET/EIA/1821 RA 0120 Valid till – 01/05/2021		

31.	Any litigation pending against the project or land in any court	No
32.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No – 1366/khanij dated - 19/12/2020
33.	Details of Lease Area in approved DSR	Serial no. 01 Page no.10
34.	Project Cost	90.40 lacs/annum
35.	Proposed CER cost	1.80 lacs/annum
36.	Proposed EMP cost	9.18 lacs
37.	Length and breadth of Haul Road	Length – 0.60 km Breadth – 6.00 m Temporary culvert on haul road shall be made for transportation
38.	No. of Trees to be Planted	250

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

RESOLUTION AGAINST AGENDA NO-07

The committee discussed the matter and directed the project proponent to submit following information:

1. Data regarding incremental load.
2. Impact of pollution in eco sensitive areas.
3. Composite map showing operational and proposed lease area.

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

8. Building Stone (Khanda, Gitti & Boulder) Mining at Gata No.-339, Khand No.- 19, Village-Daharra, Mahoba, U.P., M/s Natinonal Granite, Area -1.214 ha. File No. 6034/5065/Proposal No. SIA/UP/MIN/59081/2019

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

1. The environmental clearance is sought for Building Stone (Khanda, Gitti & Boulder) Mining at Gata No.-339, Khand No.- 19, Village-Daharra, Mahoba, U.P., (Leased Area -1.214 ha), M/s Natinonal Granite.
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 499/Parya/SEAC/5065/2019 dated 20/12/2019.
3. The public hearing was organized on 14/10/2020. Final EIA report submitted by the project proponent on 11/12/2020.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/59081/2019
2. File No .allotted by SEIAA,UP	6034 & 5065`
3. Name of Proponent	M/s National Granite

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Part.- Shri Akeel Ahmad S/o Shri Saeed Ahmad			
4. Full correspondence address of proponent and mobile no.	R/o- Takiyapura, Mahoba, District-Mahoba, U.P.		
5. Name of Project	Building Stone (Khanda, Gitti & Boulder) Mining Project		
6. Project location (Plot/ Khasra /Gata No.)	Gata No.- 339, Khand No.- 19		
7. Name of Village	Daharra		
8. Tehsil	Mahoba		
9.District	Mahoba		
10. Name of Minor Mineral	Building Stone (Khanda, Gitti & Boulder)		
11. Sanctioned Lease Area (in Ha.)	1.214 ha.		
12. Mineable Area (in Ha.)	1.214 ha.		
13.Max.& Min mrl within lease area	220.0 mRL- 182.0 mRL		
14.Pillar Coordinates(Verified by DMO)	Pillars	Latitude (N)	Longitude (E)
	A	25° 20' 19.85"	79° 57' 52.11"
	B	25° 20' 20.31"	79° 57' 53.29"
	C	25° 20' 10.25"	79° 58' 03.17"
	D	25° 20' 10.28"	79° 58' 01.95"
15.Total Geological Reserves	985929 m ³		
16.Total Mineable Reserves	150994 m ³		
17.Total Proposed Production (in five year)	60700 m ³		
18.Proposd Production for 5 years	Year		Production
	1 st		12140 m ³
	2 nd		12140 m ³
	3 rd		12140 m ³
	4 th		12140 m ³
	5 th		12140 m ³
	Total		60700 m ³
	19.Sanctioned Period of Mine lease	20 Years	
20.Production of mine/day	40.47 m ³		
21.Method of Mining	Opencast Semi-Mechanized		
22.No.of working days	300 days		
23.Working hours/day	8 Hours/Day		
24.No.Of workers	33		
25.No.Of vehicle movement /day	5		
26.Type of Land	Govt. land Non- Agricultural		
27.Ultimate Depth of Mining	18 Meter		
28.Nearest metalled road from site	0.4 km		
29. Water Requirement	PURPOSE		REQUIREMENT (KLD)
	Drinking		0.35
	Suppression of dust		2.40
	Plantation		0.15
	Others(if any)		-----
	Total		2.90
30. Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh (Servicing Environment and Development), Lucknow, U.P. QCI/NABET/EIA/1821/RA0120 Validity- May 01, 2021		
31. Any litigation pending against the project or land in any court	No		
32. Details of 500 m Cluster Map & certificate Verified by Mining Officer	Sanctioned from DM Office, Mahoba vide letter no. 1602/MMC-30/2019-20, dated 14/08/2019		
33. Details of Lease Area in approved DSR	Page No.- 86, S.No.- 58		

34. Proposed CER cost	1.25 Lakh
35. Proposed EMP cost	10.35 Lakh
36. Length and breadth of Haul Road.	Length- 0.4 Km, Width- more than 6.0 m
37. No. of Trees to be Planted	150

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

RESOLUTION AGAINST AGENDA NO-08

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

9. Capacity Expansion of Sand Stone (Gitti- Pathhar, Khandas, Boulder) mine at Khasra No./Plot No.- 2098, Khand No.- 51A, at Village- Bhatauti, Tehsil- Meja, Prayagraj, U.P., M/s Nitin Nishad, Area -2.631 ha. File No. 6035/4949/Proposal No. SIA/UP/MIN/59089/2019

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

1. The environmental clearance is sought for Sandstone (Gitti-Pathhar, Khandas, Boulder) mining project at Khasra no. /Plot no. – 2098 Khand No. 51A, Village – Bhatauti, Tehsil- Meja, District- Prayagraj, Uttar Pradesh, (Leased Area 2.631 ha.).
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 430/Parya/SEAC/4949/2019 dated 27/11/2019.
3. The public hearing was organized on 16/09/2020. Final EIA report submitted by the project proponent on 11/12/2019.
4. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/39197/2019
2.	File No. allotted by SEIAA, UP	4949
3.	Name of Proponent	M/s Nitin Nishad/90873
4.	Full correspondence address of proponent and mobile no.	Nitin Nishad R/o- 252C, Nai Basti, Keedganj, District – Prayagraj, 211003, Uttar Pradesh Mobile no. – 9335881715 E mail ID - devisunita251278@gmail.com
5.	Name of Project	Environmental Clearance for proposed Sandstone (Gitti-Pathhar, Khandas, Boulder) mining project at Khasra no. /Plot no. – 2098 Khand No. 51A, Area 2.631 ha. (6.50 Acres) at Village – Bhatauti, Tehsil- Meja, District- Prayagraj, Uttar Pradesh of M/s Nitin Nishad/90873
6.	Project Location (Plot. Khasra/Gata No.)	2098 Khand No. 51A
7.	Name of River	Tons River - 2.81* Km (NW)
8.	Name of Village	Bhatauti, Tehsil- Meja, District- Prayagraj, Uttar Pradesh

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9.	Tehsil	Meja		
10.	District	Prayagraj		
11.	Name of Minor Mineral	(Gitti-Pathhar, Khandas, Boulder)		
12.	Sanctioned Lease Area (in Ha.)	2.631 ha		
13.	Max. & Min mRL within lease area	Highest mRL 106.20 m Lowest mRL 100.40 m		
14.	Pillar Coordinates (Verified by DMO)	Pillar No	N	E
		A	25° 09.220' N	82° 02.598' E
		B	25° 09.217' N	82° 02.712' E
		C	25° 09.139' N	82° 02.692' E
		D	25° 09.144' N	82° 02.588' E
15.	Total Geological Reserves	8,37,391 m ³		
16.	Total Mineable Reserve	2,60,460 m ³		
17.	Total Proposed Production	1,31,550 m ³ (5 years)		
18.	Proposed Production /year (as per LoI)	26,310 m ³ /annum		
19.	Sanctioned Period of Mine lease	5 years		
20.	Production of mine/day	88 m ³ /day		
21.	Method of Mining	Opencast, /Semi-mechanized		
22.	No. of working days	300		
23.	Working hours/day	8		
24.	No. of worker	27		
25.	No. of vehicles movement/day	10		
26.	Type of Land	Govt./Non Forest Land (riverbed)		
27.	Ultimate of Depth of Mining	12.0 m		
28.	Nearest metalled road from site	0.72 km		
29.	Water Requirement	PURPOSE		
		Drinking	- 0.27 KLD	
		Suppression of dust	- 8.64 KLD	
		Plantation	- 0.30 KLD	
		Others (if any)	- 0.00 KLD	
		Total	- 9.21 KLD	
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	Paramarsh Servicing Environment and development NABET/EIA/1821 RA 0120 Valid till – 01/05/2021		
31.	Any litigation pending against the project or land in any court	No		
32.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No – 1366/khanij dated - 19/12/2020		
33.	Details of Lease Area in approved DSR	Serial no. 01 Page no.10		
34.	Project Cost	1.50 Crore/year		
35.	Proposed CER cost	3.0 lacs/annum		
36.	Proposed EMP cost	10.0 lacs		
37.	Length and breadth of Haul Road	Length – 0.72 km Breadth – 6.00 m Temporary culvert on haul road shall be made for transportation		
38.	No. of Trees to be Planted	300		

5. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
6. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.

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

RESOLUTION AGAINST AGENDA NO-09

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

10. Granite (Khanda, Gitti & Boulder & Weathered Morrum) Mine at Gata No.-714, Khand No.- 03, Village- Gonda, Tehsil- Karwi, Chitarkoot, U.P., Area -1.4169 ha. File No. 6036/5034/Proposal No. SIA/UP/MIN/58930/2019

RESOLUTION AGAINST AGENDA NO-10

The project proponent did not circulate the documents to the members of SEAC on time. Hence, the committee directed to defer the matter. The file shall not be treated as pending at SEAC. The matter will be discussed only after submission of online request on prescribed online portal.

11. Khanda, Gitti mine at Araj/Gata No.- 02/1, Khand No.-03, Village- Lakhanpura, Tehsil & District- Lalitpur, U.P., Smt. Karuna Parecha Ruchi Satya, Area 1.0 Ha. File No. 5639/Proposal No. SIA/UP/MIN/52734/2020

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

1. The environmental clearance is sought for Khanda, Gitti Mining at Araj/Gata no.-02/1, khand-03, Village-Lakhanpura, Tehsil-Lalitpur, District-Lalitpur, U.P., (Leased Area-1.0 ha.)
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 158/Parya/SEAC/5639 /2019 dated 30/06/2020.
3. The public hearing was organized on 13/10/2020. Final EIA report submitted by the project proponent on 13/12/2020.
4. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/52734/2020
2.	File No. allotted by SEIAA, UP	5639
3.	Name of Proponent	Smt. Karuna Parecha Ruchi Satya
4.	Full correspondence address of proponent and mobile no.	R/o 15433/1, civil lines, Jankipuram, Jhansi, U.P. Mobile no.-7755003667 E-mail Id- karunaparecha5418@gmail.com
5.	Name of Project	Khanda, Gitti Mining
6.	Project Location (Plot.Khasra/Gata No.)	Gata No. -02/1, khand-03, Village -Lakhanpura, Tehsil-Lalitpur, District-Lalitpur, Uttar Pradesh
7.	Name of River	NA
8.	Name of Village	Lakhanpura
9.	Tehsil	Lalitpur
10.	District	Lalitpur
11.	Name of Minor Mineral	Khanda, Gitti
12.	Sanctioned Lease Area (in Ha.)	1.0 ha.

13.	Max. & Min mRL within lease area	Highest mRL is 353, Lowest is 350mRL																	
14.	Pillar Coordinates (Verified by DMO)	<table><tr><td>Pillars</td><td>Latitude</td><td>Longitude</td></tr><tr><td>A</td><td>24°51'14.10"N</td><td>78°26'57"E</td></tr><tr><td>B</td><td>24°51'15.30"N</td><td>78°27'0.6"E</td></tr><tr><td>C</td><td>24°51'11.7"N</td><td>78°27'0.5"E</td></tr><tr><td>D</td><td>24°51'10.9"N</td><td>78°26'58"E</td></tr></table>			Pillars	Latitude	Longitude	A	24°51'14.10"N	78°26'57"E	B	24°51'15.30"N	78°27'0.6"E	C	24°51'11.7"N	78°27'0.5"E	D	24°51'10.9"N	78°26'58"E
Pillars	Latitude	Longitude																	
A	24°51'14.10"N	78°26'57"E																	
B	24°51'15.30"N	78°27'0.6"E																	
C	24°51'11.7"N	78°27'0.5"E																	
D	24°51'10.9"N	78°26'58"E																	
15.	Total Geological Reserves	351632 m ³																	
16.	Total Mineable Reserve (as per Approved Mine Plan)	103328 m ³																	
17.	Total Proposed Production	10000 m ³ /year																	
18.	Proposed Production /year	10000 m ³ /year																	
19.	Sanctioned Period of Mine lease	20 years																	
20.	Production of mine/day	930 tonnes																	
21.	Method of Mining	Opencast, Semi-Mechanized																	
22.	No. of working days	300																	
23.	Working hours/day	8																	
24.	No. of worker	10																	
25.	No. of vehicles movement/day	15																	
26.	Type of Land	Revenue land																	
27.	Ultimate of Depth of Mining	20m																	
28.	Nearest metalled road from site	450m																	
29.	Water Requirement	PURPOSE		REQUIREMENT (KLD)															
		Drinking		0.3 KLD															
		Suppression of dust		2.0 KLD															
		Plantation		0.5 KLD															
		Others (if any)		-															
		Total		2.8 KLD															
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Globus environment engineering services SL. NO. 78, VALID TILL 03/04/2021																	
31.	Any litigation pending against the project or land in any court	No																	
32.	Details of 500 m Cluster Certificate verified by Mining Officer	vide letter no. 609/M/30-MMC/2019-20																	
33.	Details of Lease Area in approved DSR	1.0 ha.																	
34.	Proposed CER cost	1.5 lakh																	
35.	Proposed EMP cost	Project cost-73 lakh, emp cost- Rs 5.1 Lakhs Capital cost) & Rs 3.7Lakhs as Recurring																	
36.	Length and breadth of Haul Road	450m & 6m																	
37.	No. of Trees to be Planted	300																	

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

RESOLUTION AGAINST AGENDA NO-11

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

12. Khanda, Gitti Mining at Araj No.-93/1, Khand-08, Village- Lakhanpura, Tehsil & District-Lalitpur., Shri Harjeet Singh, M/s Sangam Stone Crusher, area- 2.064 ha. File No. 4864/Proposal No. SIA/UP/MIN/37661/2019

A presentation was made by the project proponent along with their consultant M/s Ind Tech House Consult. The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for Khanda Gitti Mining at Araj No.-93/1 Khand No'-8 Village- Lakhanpura, Tehsil & District- Lalitpur, U.P., (Leased Area -2.064 Ha), M/s Sangam Stone Crusher
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 326/Parya/SEAC/4864/2019 dated 02/11/2019.
3. The public hearing was organized on 13/10/2020. Final EIA report submitted by the project proponent on 16/12/2020.
4. Salient features of the project as submitted by the project proponent:

1.	On Line Proposal No.	SIA/UP/MIN 37661/2019			
2.	File No. allotted by SEIAA, UP	4864			
3.	Name of Proponent	Partner Sri Harjeet Singh			
4.	Full correspondence address of proponent and mobile no.	R/o Village-Lakhanpura , Tehsil & District-Lalitpur,U.P			
5.	Name of Project	Area -2.064 Ha Khanda Gitti Mining at Araj No.-93/1 Khand No'-8 Village- Lakhanpura, Tehsil & District- Lalitpur, U.P. M/s Sangam Stone Crusher			
6.	Project Location(Plot.Khsra/Gata No.)	Araj No-93/1, Khand-08			
7.	Name of Village	Lakhanpura			
8.	Tehsil	Lalitpur			
9.	District	Lalitpur			
10.	Name of Minor Mineral	Khanda, Gitti			
11.	Sanctioned Lease Area (in Ha.)	2.064 Ha.			
12.	Max. & Min mRL within lease area	359.0 mRL to 348.0 mRL			
13.	Pillar Coordinates (Verified by DMO)	POINT	LATTITUDE	LONGITUDE	
		A	24°51'10.86"N	78°27'10.85"E	
		B	24°51'12.09"N	78°27'14.02"E	
		C	24°51'05.60"N	78°27'16.95"E	
		D	24°51'04.43"N	78°27'13.70"E	
14.	Total Geological Reserves	4,68,750m ³ /Annum			
15.	Total Mineable Reserve in LOI	20,640 m ³ /Annum			
16.	Total Proposed Production in LOI	20,640 m ³ /Annum			
17.	Total Proposed Production in 20 Years	20640*20=412800			
18.	Sanctioned Period of Mine lease	20 Years			
19.	Production of mine/day	69 m ³ /Day			
20.	Method of Mining	Open cast Manual / Semi Mechanized Mining Method			
21.	No. of working days	300 Days			
22.	Working hours/day	8 Hours			
23.	No. of worker	24 Worker			
24.	No. of vehicles movement/day	8Trucks / Day (Depending on market demand)			

25.	Type of Land	Govt. Land	
26.	Ultimate of Depth of Mining	6.00 m	
27.	Nearest metalled road from site	1.30Km	
28.	Water Requirement	PURPOSE	REQUIREMENT (KLD)
		Drinking	0.24 KLD
		Suppression of dust	4.80 KLD
		Plantation	0.27 KLD
		Others (if any)	
		Total	5.31KLD(Approx 6.0 KLD)
29.	Name of QCI Accredited Consultant with QCI No and period of validity.	Ind Tech House Consult QCI No.- NABET/EIA/1821/RA0098 Period of Validity- 31-01-2021	
30.	Any litigation pending against the project or land in any court	No	
31.	Details of 500 m Cluster Map & Certificate verified by Mining Officer	Letter No-144/30-Mines/19-20 Date- 01.06.2019	
32.	Details of Lease Area in approved DSR	Shuddhi Patra-Letter No'-345-kh/30-Mines/2019-20 dated 11.9.2019 Sr. No'6	
33.	Proposed CER cost	2% of total project cost i.e. Rs. 1.06 Lac	
34.	Proposed EMP cost	9.79 Lakhs	
35.	Length and breadth of Haul Road	400 mtr Length & 6m width haulage road	
36.	No. of Trees to be Planted	51 Trees	

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

RESOLUTION AGAINST AGENDA NO-12

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

13. Building Stone (Khandas, Gitti & Boulder Mining Project at Khand No.- 13, Gata No.- 27, Village- Dunara, Tehsil-Sadar, Jhansi, Shri Mukul Yadav Area-2.023 ha. File No. 6027/Proposal No. SIA/UP/MIN/ 58462/2020

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

1. The environmental clearance is sought for Building Stone (Khandas, Gitti & Boulder Mining Project at Khand No.- 13, Gata No.-27, Village- Dunara, Tehsil-Sadar, Jhansi, (Leased Area-2.023 ha.).
2. Salient features of the project as submitted by the project proponent:

1. Agenda No. & Meeting Date	Agenda Sr. No.13, 515 th SEAC Meeting & Dated- 28-12-2020
2. On-line proposal No.	SIA/UP/MIN/58462/2020

3. File no. allotted by SEIAA, UP	6027			
4. Name of Proponent	ShriMukulYadav S/o ShriDeendayalYadav			
5. Full correspondence address of proponent and mobile no.	516 Shivaji Nagar Kanpur Road, Tehsil & District: Jhansi, U.P.			
6. Name of Project	“KHANDAS, GITTI, BOULDER” BUILDING STONE			
7. Project location (Plot/Khasra/Gata No.)	Khand No. 13, Gata No. 27 of Area: 2.023 Ha, Village: Dunara, Tehsil: Sadar, District: Jhansi, State: Uttar Pradesh.			
8. Name of Minor Mineral	Building Stone			
9. Schedule (as per EIA notification 2006)	1(a)i			
10. Category of Project	B(1)			
11. Sanctioned Lease Area (in Ha.)	Total Lease Area: 2.023 Ha			
12. Project Status	State Govt. has given its consent vide letter no. 1135/30MMC/2020-2021, Dated 15/10/2020 for the exploitation of “Khandas, Gitti, Boulder” Building Stone for a period of twenty years having production capacity 60,690 m3/annum.			
13. Max. & Min mRL within lease area	Highest: 227.10mRL & Lowest: 213.20mRL			
14. Total Geological Reserves	5,06,749 m3			
15. Total Mineable Reserves (in approved mining plan)	3,33,456 m3			
16. Proposed Production/year	60,690 m3 per annum			
17. Sanctioned Period of Mine lease	Twenty years			
18. Production of mine/day	233 m3/day			
19. No. of Working days	260 Days			
20. Working hours/day	8 hours/day			
21. No. of Workers	35			
22. No. of vehicles movement/day	23 Units (Assumed Loading Capacity: 10 m ³ /Unit)			
23. Type of Land	State Government Land			
24. Nearest metalled road from site	Metalled Road 455 m, (near Dunara)			
25. Water Requirement	Source	Purpose	Detail	Avg. Demand /Day (in KLD)
	Portable Tanker	Drinking @15 lpcd/worker	35 workers x 15 lpcd = 525 lit/day	0.525 KLD
	Surface Water	Land reclamation/ plantation @5 Lit/Tree	205 Trees x 5 lpcd) = 1025 Lit/day	1.02 KLD
		Mine operation /others		1.0 KLD
		Dust suppression twice in a day (Haulage Road Area) @1 Lit/Sq.m	Haul Road Area = (762m Length x 6 m Width = 4572m ²) x 1 lit/sq.m = 4572 lit x 2 (twice in a day) = 9144 lit/day	9.14 KLD
	Total			11.68 (12 KLD)
26. Name of QCI Accredited Consultant with QCI No. and period of validity.	GLOBUS ENVIRONMENT ENGINEERING SERVICES Certificate No. NABET/EIA/1821/IA0034, Valid Till April 03/2021			

27. Any litigation pending against the project or hand in any court	No
28. Details of 500 m Cluster Map & certificate issued by Mining Officer	Cluster certificate issued by DMO (Mining Section), Jhansi. Letter No. 1316/30MMC/ (2020-21) दिनांक -29/10/2020
29. Total Cost of Project	Rs. 89.18 Lakhs
30. Proposed CER Cost	Rs.4.46 Lakhs (2% of the total Project Cost)
31. Proposed EMP Cost	Rs. 28.79 Lakhs
32. Length and breadth of Haul Road	Haulage Road Length 762 m & Haulage Road Width 6 m
33. No. of Trees to be Planted	205 Trees

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

RESOLUTION AGAINST AGENDA NO-13

The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-3. The committee also stipulated following additional TOR Point:

- Lease map is not verified by DMO and should be submitted at the time of EIA.
- DSR not attached.

14. Building Stone (Khanda / Boulder) Mining at Araj No./ Gata No.- 174, Khand No.- B/2, at Village- Bangaliya, Tehsil- Meja, District- Prayagraj, U.P., Smt. Saroj Singh, Area- 1.619 ha. File No. 6031/Proposal No. SIA/UP/MIN/58918/2020

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

- The environmental clearance is sought for Building Stone (Khanda/ Boulder/Khanda) Sand Stone mine at Araj No./Gata No.- 174, Khand No.-B/2, Village – Bangaliya, Tehsil- Meja, District- Prayagraj, Uttar Pradesh. (Leased Area 1.619 ha.).
- Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/58918/2020
2.	File No. allotted by SEIAA, UP	6031
3.	Name of Proponent	Smt Saroj Singh
4.	Full correspondence address of proponent and mobile no.	Smt Saroj Singh W/o Shri Santosh kumar singh R/o- 85, Dramond road, Civil lines, District – Prayagraj, 211001 U.P. Mobile no. – 9648448866 E mail ID - sarojsandald@gmail.com
5.	Name of Project	Regarding ToR for Environment Clearance of Building Stone (Khanda/ Boulder/Khanda) Sand Stone mine at Araj No./Gata No.- 174, Khand No.-B/2, Area 1.619 ha. (4.00Acres) at Village – Bangaliya, Tehsil- Meja, District- Prayagraj, Uttar Pradesh of Smt Saroj Singh
6.	Project Location (Plot. Khasra/Gata No.)	174, Khand No.-B/2
7.	Name of River	Ganga River- 5.15 km (N)
8.	Name of Village	Bangaliya, Tehsil- Meja, District- Prayagraj, Uttar Pradesh

9.	Tehsil	Meja			
10.	District	Prayagraj			
11.	Name of Minor Mineral	Building Stone (Khanda/ Boulder/Khanda)			
12.	Sanctioned Lease Area (in Ha.)	1.619 ha			
13.	Max. & Min mRL within lease area	The highest level is 109.0 mRL The lowest level is 94.0 mRL			
14.	Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude	
		A	25° 08.035’N	82° 16.273’E	
		B	25° 08.038’N	82° 16.330’E	
		C	25° 07.950’N	82° 16.363’E	
		D	25° 07.962’N	82° 16.300’E	
15.	Total Geological Reserves	3,37,030 m ³			
16.	Total Mineable Reserve	2,08,980 m ³			
17.	Total Proposed Production	80,950 m ³ (5 Year)			
18.	Proposed Production /year (as per LoI)	16,190 m ³			
19.	Sanctioned Period of Mine lease	20 years			
20.	Production of mine/day	54 m ³ /day			
21.	Method of Mining	Opencast semi- mechanized method			
22.	No. of working days	300			
23.	Working hours/day	8			
24.	No. of worker	30			
25.	No. of vehicles movement/day	7			
26.	Type of Land	Govt./Non Forest Land			
27.	Ultimate of Depth of Mining	24.0 m (For Mining Plan Period)			
28.	Nearest metalled road from site	0.10 km			
29.	Water Requirement	PURPOSE			
		Drinking		- 0.30 KLD	
		Suppression of dust		- 1.2 KLD	
		Plantation		- 0.05 KLD	
		Others (if any)		- 0.00 KLD	
		Total		- 1.55 KLD	
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	Paramarsh Servicing Environment and development NABET/EIA/1821 RA 0120 Valid till – 01/05/2021			
31.	Any litigation pending against the project or land in any court	No			
32.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No-1785/Khanij/2020-21 dated 12/11/2020			
33.	Details of Lease Area in approved DSR	Serial no. 422 Page no.39			
34.	Project Cost	1.05 Crore/annum			
35.	Proposed CER cost	2.1 lacs/annum			
36.	Proposed EMP cost	Apply for ToR			
37.	Length and breadth of Haul Road	Length – 0.10 km Breadth – 6.00 m Temporary culvert on haul road shall be made for transportation			
38.	No. of Trees to be Planted	50			

3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
4. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.

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

RESOLUTION AGAINST AGENDA NO-14

The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-3. The committee also stipulated following additional TOR points:

1. Area is not mentioned in DSR, should be submitted at the time of EIA
2. Consultant could not produce intimation letter regarding commencement of baseline environmental monitoring to UPPCB and District Authorities.

15. Building Stone (Khanda & Gitti, Boulder) Mining at Araj No./ Gata No.- 1 Kha, Khand No.- V/6, , at Village- Veerpur, Tehsil- Meja, District- Prayagraj, U.P., M/s Akhilesh Kumar Singh, Area- 2.834 ha. File No. 6032/Proposal No. SIA/UP/MIN/58920/2020

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

1. The environmental clearance is sought for Building Stone (Khanda, Boulder Gitti) Sand Stone mine at Araj No./Gata No.- 1 Kha, Khand No.-V/6, Village – Veerpur Tehsil- Meja, District- Prayagraj, Uttar Pradesh, (Leased Area 2.834 ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/58920/2020
2.	File No. allotted by SEIAA, UP	6032
3.	Name of Proponent	M/s Akhilesh Kumar singh
4.	Full correspondence address of proponent and mobile no.	Shri Akhilesh Kumar Singh (Prop) S/o Late Rakesh Bahadur singh R/o- 162- Chilbila Nahwai Manda, Tehsil- Meja, District – Prayagraj U.P. Mobile no. – 9919917900 E mail ID - akssandald@gmail.com
5.	Name of Project	Regarding ToR for Environment Clearance of Building Stone (Khanda, Boulder Gitti) Sand Stone mine at Araj No./Gata No.- 1 Kha, Khand No.-V/6, Area 2.834 ha. (7.00 Acres) at Village – Veerpur Tehsil- Meja, District- Prayagraj, Uttar Pradesh of M/s Akhilesh Kumar singh (Prop)
6.	Project Location (Plot. Khasra/Gata No.)	1 Kha, Khand No.-V/6
7.	Name of River	Ganga River- 5.15 km (N)
8.	Name of Village	Veerpur Tehsil- Meja, District- Prayagraj, Uttar Pradesh
9.	Tehsil	Meja
10.	District	Prayagraj
11.	Name of Minor Mineral	Building Stone (Khanda, Boulder Gitti)
12.	Sanctioned Lease Area (in Ha.)	2.834 ha
13.	Max. & Min mRL within lease area	The highest level is 114.0 mRL The lowest level is 102.0 mRL

14.	Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude
		A	25° 08.005'N	82° 16.827'E
		B	25° 08.033'N	82° 16.898'E
		C	25° 07.900'N	82° 16.938'E
		D	25° 07.885'N	82° 16.878'E
15.	Total Geological Reserves	9,11,395 m ³		
16.	Total Mineable Reserve	3,77,096 m ³		
17.	Total Proposed Production	1,41,700 m ³ (5 Year)		
18.	Proposed Production /year (as per LoI)	28,340 m ³		
19.	Sanctioned Period of Mine lease	20 years		
20.	Production of mine/day	95.0 m ³ /day		
21.	Method of Mining	Oencast semi- mechanized		
22.	No. of working days	300		
23.	Working hours/day	8		
24.	No. of worker	30		
25.	No. of vehicles movement/day	12		
26.	Type of Land	Govt./Non Forest Land		
27.	Ultimate of Depth of Mining	30.0 m (For Mining Plan Period)		
28.	Nearest metalled road from site	0.40 km		
29.	Water Requirement	PURPOSE		
		Drinking	- 0.30 KLD	
		Suppression of dust	- 4.8 KLD	
		Plantation	- 0.17 KLD	
		Others (if any)	- 0.00 KLD	
		Total	- 5.33 KLD	
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	Paramarsh Servicing Environment and development NABET/EIA/1821 RA 0120 Valid till – 01/05/2021		
31.	Any litigation pending against the project or land in any court	No		
32.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No-1787/Khanij/2020-21 dated 12/11/2020		
33.	Details of Lease Area in approved DSR	Serial no. 431 Page no. 39		
34.	Project Cost	1.6 Crore/annum		
35.	Proposed CER cost	3.20 lacs/annum		
36.	Proposed EMP cost	Apply for ToR		
37.	Length and breadth of Haul Road	Length – 0.40 km Breadth – 6.00 m Temporary culvert on haul road shall be made for transportation		
38.	No. of Trees to be Planted	175		

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

4. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
5. There is no litigation pending in any court regarding this project.
6. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-15

The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-3. The committee also stipulated following additional TOR points:

1. Area is not mentioned in DSR, should be submitted at the time of EIA
2. Consultant could not produce intimation letter regarding commencement of baseline environmental monitoring to UPPCB and District Authorities.

16. Building Stone (Khanda, Gitti & Boulder) Sand Stone Mine at Araj No./Plot No.-59, 98, Khand No.- 05, at Village-Parvezabad, Tehsil- Bara, District- Prayagraj, U.P., Smt. Rinku Singh, M/s Mateshree Associates, Area -6.072 ha. File No. 6037/Proposal No. SIA/UP/MIN/59112/2020

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

1. The environmental clearance is sought for Building Stone (Khanda, Boulder Gitti) Sand Stone mine at Araj No./Plot No.- 59, 98 Khand No.-5, Village – Parvezabad Tehsil- Bara, District- Prayagraj, Uttar Pradesh, (Leased Area 6.072 ha.), M/s Mateshree Associates.
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/59112/2020
2.	File No. allotted by SEIAA, UP	6037
3.	Name of Proponent	M/s Mateshree Associates
4.	Full correspondence address of proponent and mobile no.	Smt. Rinku Singh (Prop) W/o Shri Uday Kumar R/O - 16 F 811, Kajipur, Naini, District – Prayagraj U.P. Mobile no. – 9839877775 E mail ID - mastoneald@gmail.com
5.	Name of Project	Environment Clearance for Proposed Building Stone (Khanda, Boulder Gitti) Sand Stone mine at Araj No./Plot No.- 59, 98 Khand No.-5, Area 6.072 ha. (15.0 Acres) at Village – Parvezabad Tehsil- Bara, District- Prayagraj, Uttar Pradesh of M/s Mateshree Associates
6.	Project Location (Plot. Khasra/Gata No.)	59, 98 Khand No.-5
7.	Name of River	Yamuna River – 6.22 Km (N)
8.	Name of Village	Parvezabad Tehsil- Bara, District- Prayagraj, Uttar Pradesh
9.	Tehsil	Bara
10.	District	Prayagraj
11.	Name of Minor Mineral	Building Stone (Khanda, Boulder Gitti)
12.	Sanctioned Lease Area (in Ha.)	2.834 ha
13.	Max. & Min mRL within lease area	The highest level is 114.0mRL The lowest level is 109.50 mRL

14.	Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude
		A	25° 17.744”N	81° 41.866”E
		B	25° 17.705”N	81° 41.893”E
		C	25° 17.636”N	81° 41.931”E
		D	25° 17.520" N	81° 41.817”E
		E	25° 17.602”N	81° 41.748”E
		F	25° 17.626" N	81° 41.747”E
15.	Total Geological Reserves	26,41,429 m3		
16.	Total Mineable Reserve	13,11,408 m3		
17.	Total Proposed Production	3,03,600 m ³ (5 Year)		
18.	Proposed Production /year (as per LoI)	60,720 m ³		
19.	Sanctioned Period of Mine lease	20 years		
20.	Production of mine/day	2020 m ³ /day		
21.	Method of Mining	Opencast semi- mechanized method		
22.	No. of working days	300		
23.	Working hours/day	8		
24.	No. of worker	39		
25.	No. of vehicles movement/day	16		
26.	Type of Land	Govt./Non Forest Land		
27.	Ultimate of Depth of Mining	30.0 m (For Mining Plan Period)		
28.	Nearest metalled road from site	0.80 km		
29.	Water Requirement	PURPOSE		
		Drinking	- 0.39 KLD	
		Suppression of dust	- 9.6 KLD	
		Plantation	- 0.35 KLD	
		Others (if any)	- 0.00 KLD	
		Total	- 10.34 KLD	
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	Paramarsh Servicing Environment and development NABET/EIA/1821 RA 0120 Valid till – 01/05/2021		
31.	Any litigation pending against the project or land in any court	No		
32.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No-1789/Khanij/2020-21 dated 12/11/2020		
33.	Details of Lease Area in approved DSR	Serial no. 217 Page no. 34		
34.	Project Cost	1.40 Crore/annum		
35.	Proposed CER cost	2.8 lacs/annum		
36.	Proposed EMP cost	Apply for ToR		
37.	Length and breadth of Haul Road	Length – 0.80 km Breadth – 6.00 m Temporary culvert on haul road shall be made for		

		transportation
38.	No. of Trees to be Planted	350

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

RESOLUTION AGAINST AGENDA NO-16

The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-3. The committee also stipulated following additional TOR points:

1. Area is not mentioned in DSR, should be submitted at the time of EIA
2. Consultant could not produce intimation letter regarding commencement of baseline environmental monitoring to UPPCB and District Authorities.

17. Sand Mining from Yamuna River Bed at Khand No-16, Village-Madauka, Meerakpur, Mahewa Pastti (west), Karchhana, Prayagraj, Area -8.00 ha. File No. 6038/Proposal No. SIA/UP/MIN/59114/2020

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

1. The environmental clearance is sought for ordinary sand mining at Khand No. 16, Village – Madauka, Meerakpur, Mahewa Patti (West), Tehsil- Karchhana, District- Allahabad, U. P. (Lease area 8.00 ha).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/59114/2020
2.	File No. allotted by SEIAA, UP	6038
3.	Name of Proponent	Shree Ravi Shankar Shukla
4.	Full correspondence address of proponent and mobile no.	Shree Ravi Shankar Shukla S/o Shri Parmanand Shukla R/o-Saraykaji Kadan urf Miyapur Civil Line Bazar, District – Jaunpur U.P. Mobile no. – E mail ID - ravisandald@gmail.com
5.	Name of Project	Environmental Clearance of proposed river bed ordinary sand mining having lease area 8.00 ha (19.76 acre) along river Yamuna in Khand No. 16 at Village – Madauka, Meerakpur, Mahewa Patti (West), Tehsil- Karchhana, District- Allahabad, U. P. of Shree Ravi Shankar Shukla.
6.	Project Location (Plot. Khasra/Gata No.)	River Yamuna in Khand No. 16
7.	Name of River	Yamuna River
8.	Name of Village	Madauka, Meerakpur, Mahewa Patti (West), Tehsil- Karchhana, District- Allahabad

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9.	Tehsil	Karchhana		
10.	District	Prayagraj		
11.	Name of Minor Mineral	River bed ordinary sand mining		
12.	Sanctioned Lease Area (in Ha.)	8.00 ha		
13.	Max. & Min mRL within lease area	The highest level is 80.0mRL The lowest level is 74.0 mRL		
14.	Pillar Coordinates (Verified by DMO)	Point	Latitude N	Longitude E
		A	25° 24.614’	81°49.506’
		B	25° 24.720’	81°49.410’
		C	25° 24.831’	81°49.576’
		D	25° 24.718’	81°49.663’
15.	Total Geological Reserves	2,44,263 m3		
16.	Total Mineable Reserve	1,60,491 m3		
17.	Total Proposed Production	8,00,000 m ³ (5 Year)		
18.	Proposed Production /year (as per LoI)	1,60,000 m ³		
19.	Sanctioned Period of Mine lease	20 years		
20.	Production of mine/day	600 m ³ /day		
21.	Method of Mining	Opencast semi-mechanized		
22.	No. of working days	270		
23.	Working hours/day	12		
24.	No. of worker	69		
25.	No. of vehicles movement/day	50		
26.	Type of Land	Govt./Non Forest Land		
27.	Ultimate of Depth of Mining	3.0 m (For Mining Plan Period)		
28.	Nearest metalled road from site	0.30 km		
29.	Water Requirement	PURPOSE		
		Drinking - 0.69 KLD		
		Suppression of dust - 3.60 KLD		
		Plantation - 0.16 KLD		
		Others (if any) - 0.00 KLD		
		Total - 4.45 KLD		
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	Paramarsh Servicing Environment and development NABET/EIA/1821 RA 0120 Valid till – 01/05/2021		
31.	Any litigation pending against the project or land in any court	No		
32.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No-1906/Khanij/2020-21 dated 08/12/2020		
33.	Details of Lease Area in approved DSR	Serial no. 22 Page no. 10		
34.	Project Cost	90.0 Lacs/annum		
35.	Proposed CER cost	1.80 lacs/annum		
36.	Proposed EMP cost	Apply for ToR		
37.	Length and breadth of Haul Road	Length – 0.30 km Breadth – 6.00 m Temporary culvert on haul road shall be made for		

		transportation
38.	No. of Trees to be Planted	160

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

RESOLUTION AGAINST AGENDA NO-17

The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-3. The committee also stipulated following additional TOR points:

1. Area is not mentioned in DSR, should be submitted at the time of EIA
2. Consultant could not produce intimation letter regarding commencement of baseline environmental monitoring to UPPCB and District Authorities.

18. Building Stone (Sand Stone) Mining at Araj No.-428, SI No.-06, Village- Dhuria, Tehsil- Chunar, Mirzapur, U.P., Shri Piyush Kumar Shrivastava, area- 2.02 ha. File No. 6042/Proposal No. SIA/UP/MIN/59183/2020

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

1. The environmental clearance is sought for Dhuria Building Stone (Sandstone) Mining project at Arazi No. 428, Sl. No. 06, Village- Dhuria, Tehsil- Chunar, District- Mirzapur, U.P., (Leased Area 2.02 ha).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/59183/2020
2.	File No. allotted by SEIAA, UP	6042
3.	Name of Proponent	Prop: Shri Piyush Kumar Shrivastava
4.	Full correspondence address of proponent and mobile No.	R/o Village- Dhuria, Tehsil- Chunar, District- Mirzapur, (U.P.) Mobile No- Email-
5.	Name of Project	Dhuria Building Stone (Sandstone) Mining project
6.	Project location (Plot/Khasra/Gata No.)	Arazi No. 428, Sl. No. 06
7.	Name of River	-
8.	Name of Village	Dhuria
9.	Tehsil	Chunar
10.	District	Mirzapur
11.	Name of Minor Mineral	Building Stone (Sandstone)
12.	Sanctioned Lease Area (in Ha.)	2.02 ha
13.	Max & Min mRL within lease area	Max- 115.95 mRL and Min- 105.80 mRL
14.	Pillar Coordinates (Verified by DMO)	Sanctioned Mining Lease Area

	Pillar No.	Latitude	Longitude
	A	25° 2'35.50"N	83° 2'54.90"E
	B	25° 2'29.40"N	83° 2'59.30"E
	C	25° 2'29.00"N	83° 2'54.10"E
	D	25° 2'32.10"N	83° 2'51.10"E
15. Total Geological Reserves	6,28,260 cum		
16. Total Mineable Reserves in LOI	20,200 cum		
17. Total Proposed Production	1,01,000 cum		
18. Proposed Production/year	20,200 cum		
19. Sanctioned Period of Mine lease	Maximum 20 years		
20. Production of mine/day	77.69		
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	33		
25. No. of vehicles movement/day	11		
26. Type of Land	Government waste land		
27. Ultimate Depth of Mining	48		
28. Nearest metalled road from site	.50 km		
29. Water Requirement	PURPOSE		REQUIREMENT (KLD)
	Drinking		0.33
	Suppression of dust		6.0
	Plantation		0.60
	Others (if any)		-
	Total		6.93
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 1,34,000/-		
35. Proposed EMP cost	Rs 4,69,000 /-		
36. Length and breadth of Haul Road	Length: 0.5 km, width: 6 m		
37. No. of Trees to be Planted	50 plants		

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

RESOLUTION AGAINST AGENDA NO-18

The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-3. The committee also stipulated following additional TOR points:

1. Consultant could not produce intimation letter regarding commencement of baseline environmental monitoring to UPPCB and District Authorities.

19. Building Stone (Sand Stone) Mining at Araj No.-01, SI No.-15, Village- Dhuria, Tehsil- Chunar, District- Mirzapur., Shri Piyush Kumar Shrivastava, area- 1.01 ha. File No. 6043/Proposal No. SIA/UP/MIN/59196/2020

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

1. The environmental clearance is sought for Dhuria Building Stone (Sandstone) Mining project Mining project at Araz No. 1, Sl. No. 15, Village- Dhuria, Tehsil- Chunar, District- Mirzapur, U.P., (Leased Area 1.01 ha)
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/59196/2020		
2. File No. allotted by SEIAA, UP	6043		
3. Name of Proponent	Prop: Shri Piyush Kumar Shrivastava		
4. Full correspondence address of proponent and mobile No.	R/o Village- Dhuria, Tehsil- Chunar, District- Mirzapur, (U.P.)		
	Mobile No-		
	Email-		
5. Name of Project	Dhuria Building Stone (Sandstone) Mining project		
6. Project location (Plot/Khasra/Gata No.)	Arazi No. 1, Sl. No. 15		
7. Name of River	-		
8. Name of Village	Dhuria		
9. Tehsil	Chunar		
10. District	Mirzapur		
11. Name of Minor Mineral	Building Stone (Sandstone)		
12. Sanctioned Lease Area (in Ha.)	1.01 ha		
13. Max & Min mRL within lease area	Max- 110.10 mRL and Min- 91.90 mRL		
14. Pillar Coordinates (Verified by DMO)	Sanctioned Mining Lease Area		
	Pillar No.	Latitude	Longitude
	A	25° 3'47.60"N	83° 2'34.30"E
	B	25° 3'44.60"N	83° 2'34.10"E
	C	25° 3'44.70"N	83° 2'37.90"E
	D	25° 3'47.60"N	83° 2'37.80"E
15. Total Geological Reserves	3,39,288 cum		

16. Total Mineable Reserves in LOI	10,100 cum	
17. Total Proposed Production	50,500 cum	
18. Proposed Production/year	10,100 cum	
19. Sanctioned Period of Mine lease	Maximum 20 years	
20. Production of mine/day	38.85	
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	28	
25. No. of vehicles movement/day	6	
26. Type of Land	Government waste land	
27. Ultimate Depth of Mining	36	
28. Nearest metalled road from site	.50 km	
29. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.28
	Suppression of dust	4.8
	Plantation	0.10
	Others (if any)	-
	Total	5.18
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 1,11,000/-	
35. Proposed EMP cost	Rs 4,69,000 /-	
36. Length and breadth of Haul Road	Length: 0.5 km, width: 6 m	
37. No. of Trees to be Planted	50 plants	

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

RESOLUTION AGAINST AGENDA NO-19

The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-3.

20. Building Stone (Khanda & Gitti, Boulder) Mining at Gata No.-643, Khand No.-15, Village-Goramachhiya, Sadar, Jhansi, Shri Pratipal Singh Parihar, Area-2.428 ha. File No. 6044/Proposal No. SIA/UP/MIN/57804/2020

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

1. The environmental clearance is sought for Building Stone (Khanda & Gitti, Boulder) Mining at Gata No.-643, Khand No.-15, Village-Goramachhiya, Sadar, Jhansi, U.P., (Leased Area-2.428 ha.).
2. Salient features of the project as submitted by the project proponent:

1. Agenda No. & Meeting Date	Agenda Item No.:20, 515 th , Meeting Dated- 28-12-2020			
2. On-line proposal No.	SIA/UP/MIN/57804/2020			
3. File no. allotted by SEIAA, UP	6044			
4. Name of Proponent	Shri Pratipal Singh Parihar S/o Shri Bharat Singh Parihar			
5. Full correspondence address of proponent and mobile no.	R/O- 1881, Shivaji Nagar, Tehsil & District Jhansi (U.P.)			
6. Name of Project	Building Stone "Khandas, Gitti, Boulder." Mining Project			
7. Name of River	Betwa River, 5 Km, S			
8. Project location (Plot/Khasra/Gata No.)	Gata No. 643, Khand No. 15 Village: Goramachhiya, Tehsil: Sadar, District: Jhansi, Uttar Pradesh.			
9. Name of Minor Mineral	Building Stone "Khandas, Gitti, Boulder."			
10. Schedule (as per EIA notification 2006)	1(a)i			
11. Category of Project	B1			
12. Sanctioned Lease Area (in Ha.)	Total Lease Area: 2.428 Ha			
13. Project Status	New Mine, District Magistrate has given consent vide letter no. 641/30 एम 0 एम सी 0/2019-20, dated: 20/07/2020, Mining Lease area granted for maximum 20 years.			
14. Max. & Min mRL within lease area	The Highest Point at 223.50 m The Lowest Point at 216.80 m			
15. Total Geological Reserves	76,90,70 m ³ /annum			
16. Total Mineable Reserves	3,82,068 m ³ /annum			
17. Proposed Production/year	24280.0 m ³ per annum (Average Annual Production)			
18. Sanctioned Period of Mine lease	Twenty years			
19. Production of mine/day	80.93 m ³ per day (226.6 MT per day, Bulk Density 2.8)			
20. Method of Mining	Open Cast - Semi Mechanized			
21. No. of Working days	300 Days			
22. Working hours/day	10 hours/day			
23. No. of Workers	30 Manpower			
24. No. of vehicles movement/day	22 Units (Assumed Loading Capacity: 10 MT/Unit)			
25. Type of Land	State Government Land			
26. Nearest metalled road from site	Metalled Road 492 m from the lease area			
27. Water Requirement	Source	Purpose	Detail	Avg. Demand /Day (in KLD)
	Portable Tanker	Drinking @ 15 lpcd/worker	30 workers x 15 lpcd = 450 lit/day	0.45 KLD
	Surface Water	Land reclamation/plantation @ 5 Lit/Tree	242 Trees x 5 lpcd = 1210 Lit/day	1.21 KLD
		Mine operation /others	-	1.0 KLD
		Dust suppression @ 1 Lit/Sq.m (Twice in a day)	Haul Road Area = (492 m Length x 7m Width = 3444	3.444 KLD

		m ²)	
	Total		6.10 KLD
28. Name of QCI Accredited Consultant with QCI No. and period of validity.	GLOBUS ENVIRONMENT ENGINEERING SERVICES Certificate No. NABET/EIA/1821/IA0034, Valid Till April 03/2021		
29. Any litigation pending against the project or hand in any court	No		
30. Mining Lease Area	2.428 Ha		
31. Total Cost of Project	Rs. 84.34 Lakhs		
32. Proposed CER Cost	Rs. 4.21 Lakhs (5% of the total Project Cost)		
33. Proposed EMP Cost	Rs. 18.24 Lakhs		
34. Length and breadth of Haul Road	Haulage Road Length 492 m & Haulage Road Width 7 m		
35. No. of Trees to be Planted	242 Trees		

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

RESOLUTION AGAINST AGENDA NO-20

The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-3. The committee also stipulated following additional TOR Point:

- Lease map not verified by DMO.
- DSR not attached.

21. Building Stone (Khanda & Gitti, Boulder) Mining at Gata No.- 643, Khand No.- 19, Village- Goramachhiya, Sadar, Jhansi, Shri Mayur Agarwal, Area-2.023 ha. File No. 6045/Proposal No. SIA/UP/MIN/57730/2020

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

- The environmental clearance is sought for Building Stone (Khanda & Gitti, Boulder) Mining at Gata No.- 643, Khand No.- 19, Village- Goramachhiya, Sadar, Jhansi, (Leased Area-2.023 ha).
- Salient features of the project as submitted by the project proponent:

1. Agenda No. & Meeting Date	Agenda Sr. No.21, 515 th SEAC Meeting & Dated- 28-12-2020
2. On-line proposal No.	SIA/UP/MIN/57730/2020
3. File no. allotted by SEIAA, UP	6045
4. Name of Proponent	Shri Mayur Agarwal S/o Shri Rajesh Agarwal
5. Full correspondence address of proponent and mobile no.	769, CP Mission Compound Tehsil & District: Jhansi, U.P
6. Name of Project	Building Stone "Khandas, Gitti, Boulder." Mining Project
7. Project location (Plot/Khasra/Gata)	Khand No. 19, Gata No. 643 of Area: 2.023 Ha, Village:

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No.)	Goramachhiya, Tehsil: Sadar, District: Jhansi, State: Uttar Pradesh.			
8. Name of Minor Mineral	Building Stone			
9. Schedule (as per EIA notification 2006)	1(a)i			
10. Category of Project	B(1)			
11. Sanctioned Lease Area (in Ha.)	Total Lease Area: 2.023 Ha			
12. Project Status	New Mine, District Magistrate has given consent vide letter no. 640/30MMC/2019-20 दिनांक- 20/07/2020 for the exploitation for 20 Years of "Khandas, Gitti, Boulder" Building Stone for a period of twenty years having production capacity 20,230 m ³ /annum.			
13. Max. & Min mRL within lease area	Highest: 227.50 mRL mRL & Lowest: 220.0 mRL			
14. Total Geological Reserves	4,36,640 m ³			
15. Total Mineable Reserves (in approved mining plan)	2,23,440 m ³			
16. Proposed Production/year	20,230 m ³ per annum			
17. Sanctioned Period of Mine lease	Twenty years			
18. Production of mine/day	67 m ³ /day			
19. No. of Working days	300 Days			
20. Working hours/day	8 hours/day			
21. No. of Workers	27			
22. No. of vehicles movement/day	7 Units (Assumed Loading Capacity: 10 m ³ /Unit)			
23. Type of Land	State Government Land			
24. Nearest metalled road from site	Metalled Road 1 Km from the project site.			
25. Water Requirement	Source	Purpose	Detail	Avg. Demand /Day (in KLD)
	Portable Tanker	Drinking @15 lpcd/worker	27 workers x 15 lpcd = 405 lit/day	0.405 KLD
	Surface Water	Land reclamation/plantation @5 Lit/Tree	250 Trees x 5 lpcd = 1250 Lit/day	1.25 KLD
		Mine operation /others	-	1.0 KLD
		Dust suppression twice in a day (Haulage Road Area) @1 Lit/Sq.m	Haul Road Area = (1000 m Length x 7m Width = 7000m ²) x 1 lit/sq.m = 7000 lit x 2 (twice in a day) = 14000 lit/day	14.0 KLD
	Total			16.65 KLD
26. Name of QCI Accredited Consultant with QCI No. and period of validity.	GLOBUS ENVIRONMENT ENGINEERING SERVICES Certificate No. NABET/EIA/1821/IA0034, Valid Till April 03/2021			
27. Any litigation pending against the project or hand in any court	No			
28. Details of 500 m Cluster Map & certificate issued by Mining Officer	Cluster certificate issued by DMO (Mining Section), Jhansi. Letter No. 1314/30 MMC/2020-21 दिनांक – 29/10/2020.			
29. Total Cost of Project	Rs. 91.85 Lakhs			

30. Proposed CER Cost	Rs 4.60 Lakhs (2% of the total Project Cost)
31. Proposed EMP Cost	Rs 33.54 Lakhs
32. Length and breadth of Haul Road	Haulage Road Length 1000 m & Haulage Road Width 7 m
33. No. of Trees to be Planted	250 Trees
34. Method of mining	Opencast semi-mechanized

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

RESOLUTION AGAINST AGENDA NO-21

The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-3. The committee also stipulated following additional TOR Point:

1. Lease map not verified by DMO.
2. DSR not attached.

22. Stone Crusher Unit at Khasra No.-194/1 & 195, Vill.- Aslampur Bartha, Faizabad, Tehsil-Behat, Saharanpur., Shri Soraj Singh., M/s Royal Industries, Area- 2.98 ha. File No. 5852

The committee noted that the matter was earlier discussed in 495th SEAC meeting dated 30/09/2020 and decided the project proponent to submit following information:

1. Raw material storage license documents from DM.
2. Water consumption (Revised Amount) on the basis of nozzle used in conveyor belt and for anti-smog gun.
3. Provision of Anti-smog gun to mitigate air pollution.
4. Site photographs of rain water harvesting ponds with date, geo-coordinates and land ownership paper (Khasra/khatoni).

The project proponent submitted their replies vide letter dated 09/12/2020. Hence, the matter was listed in 515th SEAC meeting dated 28/12/2020. A presentation was made by the project proponent along with their consultant M/s ENV DAS India Private Limited. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Stone Crusher Unit at Khasra No.-194/1 & 195, Vill.- Aslampur Bartha, Faizabad, Tehsil-Behat, Saharanpur, U.P., M/s Royal Industries.
2. Salient features of the project as submitted by the project proponent:

Sl.No.	Item	Details
1.	File No.	5852
2.	Name of the project	Stone Crusher Unit of M/s Royal Industries located at Khasra No. 194/1 & 195, Village- Aslampur Bartha, Pargana- Faizabad, Tehsil-Behat, District- Saharanpur (U.P.)

3.	Name of the applicant and registered address	Shri Soraj Singh S/o Shri Dharmveer Singh R/o Sadholi Kadim, Tehsil- Behat, Saharanpur, U.P.-247121
4.	Sl. No. in the schedule	Not covered in the schedule of EIA Notification 2006 (as amended)
5.	Category of Project i.e. 'A' or 'B'	Not applicable as it is not in the schedule of EIA Notification 2006 (as amended)
6.	Proposed capacity	Production capacity: Stone Grit, Dust, Coarse Sand & Bajri- 300 MT/day
7.	Area of the Crusher Plant	12,090 m ² / 2.98 acres/ 1.209 Ha
8.	Geographical location of the crusher unit	Latitude - 30°13'6.48"N Longitude - 77°31'16.20"E
9.	Nearest Railway station/airport	Sarsawa Railway Station- 23.5 km*(S) Sarsawa Airport- 26.5 km*(S)
10.	Highways	MDR- 5.5 km*(E) SH57- 8.5 km*(E) NH73A- 8.0 km* (NW)
11.	Interstate boundary	Uttar Pradesh-Haryana: 1.1 km* (W)
12.	Water body	Yamuna River flowing at 1.0 km* (W)

RESOLUTION AGAINST AGENDA NO-22

The committee observed that the stone crusher unit is not listed in the schedule of EIA Notification, 2006 (as amended). The committee discussed the matter in view of Ministry of Environment and Forests, Govt. of India circular no. J-11013/41/2006-IA.II(I) dated 22/09/2008 and Hon'ble National Green Tribunal, New Delhi order dated 19/07/2017 in the matter of OA No. 479/2016 (MA No. 902/2016) Pravesh Vs MOEF&CC and recommended grant of environmental clearance for the project proposal in compliance of Hon'ble NGT order along with following general and specific conditions:

A. General Conditions:

1. No change in mining technology and scope of working should be made without prior approval of the competent authority.
2. No change in the calendar plan including excavation, quantum of mineral Sand, Gravel, Boulders (minor mineral) and waste should be made.
3. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad / Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
4. The State Pollution Control Board should display a copy of the clearance letter at the Regional office, District Industry Centre and the Collector's office/ Tehsildar's Office for 30 days.
5. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for RSPM (Particulate matter with size less than 10 micron i.e., PM10) and NOx monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
6. Data on ambient air quality should be regularly submitted to the SEIAA and the State Pollution Control Board / Central Pollution Control Board once in six months. Provisions contained in notification no. B-29016/20/90/PCI-I dated 18.11.2009, (as amended) should be followed for monitoring.

7. Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.
8. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.
9. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
10. A separate environmental management cell with qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
11. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the Ministry of Environment and Forests, its Regional Office Lucknow, the respective Zonal Office of Central Pollution Control Board the State Pollution Control Board. The proponent shall upload the status of compliance of the environmental clearance conditions, including results of monitored data on their website and shall update the same periodically.
12. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Chandigarh by e-mail.
13. The project authorities should 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 web site of the Ministry of Environment, Forests & Climate Change, Govt. of India.
14. The unloading area, crushers and conveyor belts to be covered with foldable sheets and provided with dust suppression equipment. Jets of water to be provided at the mouth of the crushers to ensure that the stones are thoroughly wet during the crushing.
15. Measures shall be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. shall be provided with ear plugs / muffs and health record of the workers shall be maintained.
16. Industrial waste water (workshop and waste water from the premises) should be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. Oil and grease trap shall be installed before discharge of workshop effluents.
17. Personnel working in areas shall be provided with protective respiratory devices like nose mask and they shall also be imparted adequate training and information on safety and health aspects.
18. Special measures shall be adopted to prevent the nearby settlements from the impacts of stone crushing activities.
19. The transportation of the materials shall be limited to day time only.

20. Provision shall be made for the housing of the labourers within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical healthcare, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
21. The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year wise expenditure shall be reported to the MoEF, GoI, Lucknow and State Pollution Control Board.
22. 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. The stone crusher will be operational only after getting the storage license/source of material from the concerned department and ensuring availability of required water through rain water harvesting.
2. In case any contrary clarification is given by MoEF&CC, Govt. of India, the environmental clearance should be modified accordingly.
3. In compliance to Hon'ble Supreme Court order dated 13/01/2020 in IA no. 158128/2019 and 158129/2019 in Writ petition no. 13029/1985 (MC Mehta Vs GOI and others) anti smog guns shall be installed to reduce dust pollution during operation.
4. As per the Hon'ble NGT order, the source of raw material (storage licence) should be provided before initiation of the project.
5. Source of water along with the permission of competent authority should be provided before initiation of the project.
6. This environmental clearance does not create or verify any claim of applicant on the proposed site/activity.
7. This environmental clearance shall be subject to valid CTE & CTO obtained from SPCB in favour of project proponent for the proposed handling capacity of stones (minor mineral).
8. Water shall be sprayed at the Crushing Site and roads used for transportation to mitigate the dust problem.
9. Annual replenishment report certified by an authorized agency shall be submitted. In case the replenishment is low, the mining activity / production levels shall accordingly be decreased / stopped.
10. Effective safeguard measures shall be taken to control particulate matter level so as to ensure that these are within permissible limit.
11. Regular monitoring of ambient air quality shall be carried out and records maintained. The results of monitoring shall be submitted to SEIAA and Regional Office, MoEF&CC and SPCB regularly.
12. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried-out on haul roads. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
13. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected. Regular monitoring of ground water level and quality shall be carried out around the mine lease area by establishing a network of existing wells and installing new

piezometers during the mining operation. The periodic monitoring [(at least four times in a year- pre-monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January); once in each season)] shall be carried out in consultation with the State Ground Water Board/Central Ground Water Authority and the data thus collected may be sent regularly to the Ministry of Environment and Forests and its Regional Office Chandigarh, the Central Ground Water Authority and the Regional Director, Central Ground Water Board. If at any stage, it is observed that the groundwater table is getting depleted due to the mining activity, necessary corrective measures shall be carried out.

14. The project proponent shall obtain necessary prior permission from the competent authority for drawl of requisite quantity of water for the project.
15. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
16. Vehicular emissions shall be kept under control and regularly monitored. The mineral transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded.
17. No drilling and blasting operation shall be carried out.
18. Mineral handling area shall be provided with the adequate number of high efficiency dust extraction system. Loading and unloading areas including all the transfer points should also have efficient dust control arrangements. These should be properly maintained and operated.
19. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
20. 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.
21. The project authority shall implement suitable conservation measures to augment ground water resources in the area in consultation with the Central Ground Water Board.
22. A comprehensive EIA including stone crusher units within 15 km to assess impact of the stone crushers on the surrounding area shall be undertaken and report shall be submitted to this Authority within one year.
23. Green belt development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO /Agriculture Department. Herbs and shrubs shall also form a part of afforestation programme besides tree plantation. The company shall involve local people for plantation programme. Details of year wise afforestation programme shall be submitted to the Regional Office, MoEF&CC, GoI, Lucknow every year.
24. Thick plantation (3 rows in 10 m wide belt) of native trees having dense foliage and broader leaves and shrubs shall be carried out at the periphery of the crusher premises and shall be maintained. Any mortality of trees should be replaced.
25. Rain water harvesting shall be undertaken to recharge the ground water source.
26. A grit settling tank/sedimentation tank of sufficient capacity shall be constructed within the premises of the crusher unit to collect the spent wash/excess water used in air pollution control measures. The water thus collected should be treated & recycled back for the same practices. Fine particle (silt) thus arrested in the tank should be desilted at regular intervals.
27. Measures for prevention and control of soil erosion and management of silt shall be undertaken.
28. Trenches/ garland drains shall be constructed around the periphery of the crusher and necessary wherever and coco filters installed at regular intervals to arrest silt from being carried to water bodies. Adequate number of Check Dams and Gully Plugs shall be constructed across seasonal/perennial nallahs, if any flowing through the crusher plant and silts arrested. De-silting at regular intervals shall be carried out.

29. Garland drain of appropriate size, gradient and length shall be constructed and sump capacity shall be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity shall also provide adequate retention period to allow proper settling of silt material. Sedimentation pits shall be constructed at the corners of the garland drains and de-silted at regular intervals.
30. Noise generating equipment such as generators, compressors are to be provided with appropriate noise attenuating jackets/materials/ structures. Proper and regular maintenance of equipment to be carried out.
31. The waste water from the crusher plant shall be treated to conform to the prescribed standards before discharging in to the natural stream. The discharged water, if any shall be regularly monitored and report submitted to the Regional Office, Ministry of Environment & Forests, GoI, Lucknow and the State Pollution Control Board.
32. Project Proponent shall explore the possibility of using solar energy where ever possible.
33. Regular health check-up record of the mine workers has to be maintained at site in a proper register. It should be made available for inspection whenever asked.
34. Project Proponent has to strictly follow the direction/guidelines issued by MoEF&CC, CPCB and other Govt. agencies from time to time.

23. Stone Crusher at Khasra No.-10/1 & 44/1, Village-Abutalabpur, Faizabad, Tehsil-Behat, Saharanpur., Shri Pradeep Singhal, M/s K.G.N. Stone Crusher (2.172 Ha). File No. 5877

The committee noted that the matter was earlier discussed in 507th SEAC meeting dated 02/12/2020 and decided the project proponent to submit following information:

1. Source of raw material, storage license documents from DM.
2. Source of water for stone crusher plant, water consumption and plantation, on the basis of nozzle used in conveyor belt including used for anti-smog gun.
3. Provision of Anti-smog gun and plantation to mitigate air pollution.
4. Site photographs of rain water harvesting ponds with date, geo-coordinates and land ownership documents (Khasra/khatoni).

The project proponent submitted their replies vide letter dated 14/12/2020. Hence, the matter was listed in 515th SEAC meeting dated 28/12/2020. A presentation was made by the project proponent along with their consultant M/s ENV DAS India Private Limited. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Stone Crusher at Khasra No.-10/1 & 44/1, Village-Abutalabpur, Faizabad, Tehsil-Behat, Saharanpur., Shri Pradeep Singhal, M/s K.G.N. Stone Crusher.
2. Salient features of the project as submitted by the project proponent:

Sl.No.	Item	Details
1.	File No.	5877
2.	Name of the project	Stone Crusher Unit of M/s K.G.N Stone Crusher located at Khasra No. 10/1 & 44/1, Village- Abutalabpur, Pargana- Faizabad, Tehsil- Behat, District- Saharanpur (U.P.)

3.	Name of the applicant and registered address	ShriPradeepSinghal S/o ShriNaresh Chand R/o Ward No. 45, Shalimar Extension Mittal Nursery, Behat Road, Saharanpur, U.P.- 247001.
4.	Sl. No. in the schedule	Not covered in the schedule of EIA Notification 2006 (as amended)
5.	Category of Project i.e. 'A' or 'B'	Not applicable as it is not in the schedule of EIA Notification 2006 (as amended)
6.	Proposed capacity	Production capacity: Stone, Grit & Dust-200 TPD
7.	Area of the Crusher Plant	21720 m ² / 5.36 acres/ 2.172 ha
8.	Geographical location of the crusher unit	Latitude - 30°14'45.70"N Longitude - 77°32'3.01"E
9.	Nearest Railway station/airport	1: Kalanour Railway Station- 26.15 km* (SW) 2: Sarsawa Airport- 30.45 Km*(SW)
10.	Highways	1:SH57 (Delhi-Saharanpur-YamunotriMarg)- 4.91 km*(E) 2: NH73A (Chharauli-Ponta Sahib)- 6.92 km* (NW)
11.	Interstate boundary	Uttar Pradesh-Haryana: 2.6 km* (E)
12.	Water body	Yamuna River flowing at 1.3 km* (NW)

RESOLUTION AGAINST AGENDA NO-23

The committee observed that the stone crusher unit is not listed in the schedule of EIA Notification, 2006 (as amended). The committee discussed the matter in view of Ministry of Environment and Forests, Govt. of India circular no. J-11013/41/2006-IA.II(I) dated 22/09/2008 and Hon'ble National Green Tribunal, New Delhi order dated 19/07/2017 in the matter of OA No. 479/2016 (MA No. 902/2016) Pravesh Vs MOEF&CC and recommended grant of environmental clearance for the project proposal in compliance of Hon'ble NGT order along with following general and specific conditions:

A. General Conditions:

1. No change in mining technology and scope of working should be made without prior approval of the competent authority.
2. No change in the calendar plan including excavation, quantum of mineral Sand, Gravel, Boulders (minor mineral) and waste should be made.
3. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad / Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
4. The State Pollution Control Board should display a copy of the clearance letter at the Regional office, District Industry Centre and the Collector's office/ Tehsildar's Office for 30 days.
5. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for RSPM (Particulate matter with size less than 10micron i.e., PM10) and NOx monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
6. Data on ambient air quality should be regularly submitted to the SEIAA and the State Pollution Control Board / Central Pollution Control Board once in six months. Provisions contained in

notification no. B-29016/20/90/PCI-I dated 18.11.2009, (as amended) should be followed for monitoring.

7. Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.
8. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.
9. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
10. A separate environmental management cell with qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
11. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the Ministry of Environment and Forests, its Regional Office Lucknow, the respective Zonal Office of Central Pollution Control Board the State Pollution Control Board. The proponent shall upload the status of compliance of the environmental clearance conditions, including results of monitored data on their website and shall update the same periodically.
12. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Chandigarh by e-mail.
13. The project authorities should 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 web site of the Ministry of Environment, Forests & Climate Change, Govt. of India.
14. The unloading area, crushers and conveyor belts to be covered with foldable sheets and provided with dust suppression equipment. Jets of water to be provided at the mouth of the crushers to ensure that the stones are thoroughly wet during the crushing.
15. Measures shall be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. shall be provided with ear plugs / muffs and health record of the workers shall be maintained.
16. Industrial waste water (workshop and waste water from the premises) should be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. Oil and grease trap shall be installed before discharge of workshop effluents.
17. Personnel working in areas shall be provided with protective respiratory devices like nose mask and they shall also be imparted adequate training and information on safety and health aspects.
18. Special measures shall be adopted to prevent the nearby settlements from the impacts of stone crushing activities.

19. The transportation of the materials shall be limited to day time only.
20. Provision shall be made for the housing of the labourers within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical healthcare, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
21. The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year wise expenditure shall be reported to the MoEF, GoI, Lucknow and State Pollution Control Board.
22. 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. **The stone crusher will be operational only after getting the storage license/source of material from the concerned department and ensuring availability of required water through rain water harvesting as proposed, since the ground water harnessing is not permitted by competent authority.**
2. In case any contrary clarification is given by MoEF&CC, Govt. of India, the environmental clearance should be modified accordingly.
3. In compliance to Hon'ble Supreme Court order dated 13/01/2020 in IA no. 158128/2019 and 158129/2019 in Writ petition no. 13029/1985 (MC Mehta Vs GOI and others) anti-smog guns shall be installed to reduce dust pollution during operation.
4. As per the Hon'ble NGT order, the source of raw material (storage licence) should be provided before initiation of the project.
5. This environmental clearance does not create or verify any claim of applicant on the proposed site/activity.
6. This environmental clearance shall be subject to valid CTE & CTO obtained from SPCB in favour of project proponent for the proposed handling capacity of stones (minor mineral).
7. Water shall be sprayed at the Crushing Site and roads used for transportation to mitigate the dust problem.
8. Annual replenishment report certified by an authorized agency shall be submitted. In case the replenishment is low, the mining activity / production levels shall accordingly be decreased / stopped.
9. Effective safeguard measures shall be taken to control particulate matter level so as to ensure that these are within permissible limit.
10. Regular monitoring of ambient air quality shall be carried out and records maintained. The results of monitoring shall be submitted to SEIAA and Regional Office, MoEF&CC and SPCB regularly.
11. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried-out on haul roads. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
12. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected. Regular monitoring of ground water level and quality shall be carried out around the mine lease area by establishing a network of existing wells and installing new

piezometers during the mining operation. The periodic monitoring [(at least four times in a year- pre-monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January); once in each season)] shall be carried out in consultation with the State Ground Water Board/Central Ground Water Authority and the data thus collected may be sent regularly to the Ministry of Environment and Forests and its Regional Office Chandigarh, the Central Ground Water Authority and the Regional Director, Central Ground Water Board. If at any stage, it is observed that the groundwater table is getting depleted due to the mining activity, necessary corrective measures shall be carried out.

13. The project proponent shall obtain necessary prior permission from the competent authority for drawl of requisite quantity of water for the project.
14. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
15. Vehicular emissions shall be kept under control and regularly monitored. The mineral transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded.
16. No drilling and blasting operation shall be carried out.
17. Mineral handling area shall be provided with the adequate number of high efficiency dust extraction system. Loading and unloading areas including all the transfer points should also have efficient dust control arrangements. These should be properly maintained and operated.
18. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
19. 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.
20. The project authority shall implement suitable conservation measures to augment ground water resources in the area in consultation with the Central Ground Water Board.
21. A comprehensive EIA including stone crusher units within 15 km to assess impact of the stone crushers on the surrounding area shall be undertaken and report shall be submitted to this Authority within one year.
22. Green belt development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO /Agriculture Department. Herbs and shrubs shall also form a part of afforestation programme besides tree plantation. The company shall involve local people for plantation programme. Details of year wise afforestation programme shall be submitted to the Regional Office, MoEF&CC, GoI, Lucknow every year.
23. Thick plantation (3 rows in 10 m wide belt) of native trees having dense foliage and broader leaves and shrubs shall be carried out at the periphery of the crusher premises and shall be maintained. Any mortality of trees should be replaced.
24. Rain water harvesting shall be undertaken to recharge the ground water source.
25. A grit settling tank/sedimentation tank of sufficient capacity shall be constructed within the premises of the crusher unit to collect the spent wash/excess water used in air pollution control measures. The water thus collected should be treated & recycled back for the same practices. Fine particle (silt) thus arrested in the tank should be desilted at regular intervals.
26. Measures for prevention and control of soil erosion and management of silt shall be undertaken.
27. Trenches/ garland drains shall be constructed around the periphery of the crusher and necessary wherever and coco filters installed at regular intervals to arrest silt from being carried to water bodies. Adequate number of Check Dams and Gully Plugs shall be constructed across seasonal/perennial nallahs, if any flowing through the crusher plant and silts arrested. De-silting at regular intervals shall be carried out.

28. Garland drain of appropriate size, gradient and length shall be constructed and sump capacity shall be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity shall also provide adequate retention period to allow proper settling of silt material. Sedimentation pits shall be constructed at the corners of the garland drains and de-silted at regular intervals.
29. Noise generating equipment such as generators, compressors are to be provided with appropriate noise attenuating jackets/materials/ structures. Proper and regular maintenance of equipment to be carried out.
30. The waste water from the crusher plant shall be treated to conform to the prescribed standards before discharging in to the natural stream. The discharged water, if any shall be regularly monitored and report submitted to the Regional Office, Ministry of Environment & Forests, GoI, Lucknow and the State Pollution Control Board.
31. Project Proponent shall explore the possibility of using solar energy where ever possible.
32. Regular health check-up record of the mine workers has to be maintained at site in a proper register. It should be made available for inspection whenever asked.
33. Project Proponent has to strictly follow the direction/guidelines issued by MoEF&CC, CPCB and other Govt. agencies from time to time.

24. Stone Crusher at Khasra No.-28/15/5, 28/17/2 & 28/18/4, Village-Madhati Ahatmal, Faizabad, Tehsil-Behat, Saharanpur., M/s Sattariya Stone Crusher. (1.704 Ha). File No. 5879

The committee noted that the matter was earlier discussed in 507th SEAC meeting dated 02/12/2020 and decided the project proponent to submit following information:

1. Source of raw material, storage license documents from DM.
2. Source of water for stone crusher plant, water consumption and plantation, on the basis of nozzle used in conveyor belt including used for anti-smog gun.
3. Provision of Anti-smog gun and plantation to mitigate air pollution.
4. Site photographs of rain water harvesting ponds with date, geo-coordinates and land ownership documents (Khasra/khatoni).

The project proponent submitted their replies vide letter dated 14/12/2020. Hence, the matter was listed in 515th SEAC meeting dated 28/12/2020. A presentation was made by the project proponent along with their consultant M/s ENV DAS India Private Limited. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Stone Crusher at Khasra No.-28/15/5, 28/17/2 & 28/18/4, Village-Madhati Ahatmal, Faizabad, Tehsil-Behat, Saharanpur., M/s Sattariya Stone Crusher.
2. Salient features of the project as submitted by the project proponent:

Sl.No.	Item	Details
1.	File No.	5879
2.	Name of the project	Stone Crusher Unit of M/s Sattariya Stone Crusher located at Gata No. 28/15/5, 28/17/2 & 28/18/4, Village-

		MadhatiAhatmal, Pargana- Faizabad, Tehsil- Behat, District- Saharanpur, (U.P).
3.	Name of the applicant and registered address	Mohd. Rizwan S/o Shri Ali Hasan R/o MadhatiAhatmal, MadhatiKheriPargana- Faizabad, Tehsil- Behat, District- Saharanpur (U.P.)
4.	Sl. No. in the schedule	Not covered in the schedule of EIA Notification 2006 (as amended)
5.	Category of Project i.e. 'A' or 'B'	Not applicable as it is not in the schedule of EIA Notification 2006 (as amended)
6.	Proposed capacity	Production capacity: Stone, Grit, Dust, Bajri& Coarse Sand- 300 TPD
7.	Area of the Crusher Plant	17040 m ² / 4.21 acres/ 1.704 ha
8.	Geographical location of the crusher unit	Latitude - 30°18'5.30"N Longitude - 77°35'29.40"E
9.	Nearest Railway station/airport	1: YamunanagarJagadhri Railway Station- 36 km*(SW) 2: Sarsawa Airport- 38 km*(SW)
10.	Highways	1:NH73A (Paonta Sahib, Darpur, Ledi, Mustafabad, Jagadhri, Yamuna Nagar Marg)- 2.3 km*(NE) 2: SH6A (Chharauli-KalesarMarg)- 1.9 km* (NW)
11.	Interstate boundary	Uttar Pradesh-Haryana: 2.6 km* (E)
12.	Water body	Yamuna River flowing at 1.2km* (W)

RESOLUTION AGAINST AGENDA NO-24

The committee observed that the stone crusher unit is not listed in the schedule of EIA Notification, 2006 (as amended). The committee discussed the matter in view of Ministry of Environment and Forests, Govt. of India circular no. J-11013/41/2006-IA.II(I) dated 22/09/2008 and Hon'ble National Green Tribunal, New Delhi order dated 19/07/2017 in the matter of OA No. 479/2016 (MA No. 902/2016) Pravesh Vs MOEF&CC and recommended grant of environmental clearance for the project proposal in compliance of Hon'ble NGT order along with following general and specific conditions:

A. General Conditions:

1. No change in mining technology and scope of working should be made without prior approval of the competent authority.
2. No change in the calendar plan including excavation, quantum of mineral Sand, Gravel, Boulders (minor mineral) and waste should be made.
3. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad / Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
4. The State Pollution Control Board should display a copy of the clearance letter at the Regional office, District Industry Centre and the Collector's office/ Tehsildar's Office for 30 days.
5. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for RSPM (Particulate matter with size less than 10micron i.e., PM10) and NOx monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
6. Data on ambient air quality should be regularly submitted to the SEIAA and the State Pollution Control Board / Central Pollution Control Board once in six months. Provisions contained in

notification no. B-29016/20/90/PCI-I dated 18.11.2009, (as amended) should be followed for monitoring.

7. Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.
8. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.
9. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
10. A separate environmental management cell with qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
11. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the Ministry of Environment and Forests, its Regional Office Lucknow, the respective Zonal Office of Central Pollution Control Board the State Pollution Control Board. The proponent shall upload the status of compliance of the environmental clearance conditions, including results of monitored data on their website and shall update the same periodically.
12. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Chandigarh by e-mail.
13. The project authorities should 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 web site of the Ministry of Environment, Forests & Climate Change, Govt. of India.
14. The unloading area, crushers and conveyor belts to be covered with foldable sheets and provided with dust suppression equipment. Jets of water to be provided at the mouth of the crushers to ensure that the stones are thoroughly wet during the crushing.
15. Measures shall be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. shall be provided with ear plugs / muffs and health record of the workers shall be maintained.
16. Industrial waste water (workshop and waste water from the premises) should be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. Oil and grease trap shall be installed before discharge of workshop effluents.
17. Personnel working in areas shall be provided with protective respiratory devices like nose mask and they shall also be imparted adequate training and information on safety and health aspects.
18. Special measures shall be adopted to prevent the nearby settlements from the impacts of stone crushing activities.
19. The transportation of the materials shall be limited to day time only.
20. Provision shall be made for the housing of the labourers within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical

healthcare, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.

21. The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year wise expenditure shall be reported to the MoEF, GoI, Lucknow and State Pollution Control Board.
22. 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. **The stone crusher will be operational only after getting the storage license/source of material from the concerned department and ensuring availability of required water through rain water harvesting as proposed, since the ground water harnessing is not permitted by competent authority.**
2. In case any contrary clarification is given by MoEF&CC, Govt. of India, the environmental clearance should be modified accordingly.
3. In compliance to Hon'ble Supreme Court order dated 13/01/2020 in IA no. 158128/2019 and 158129/2019 in Writ petition no. 13029/1985 (MC Mehta Vs GOI and others) anti smog guns shall be installed to reduce dust pollution during operation.
4. As per the Hon'ble NGT order, the source of raw material (storage licence) should be provided before initiation of the project.
5. This environmental clearance does not create or verify any claim of applicant on the proposed site/activity.
6. This environmental clearance shall be subject to valid CTE & CTO obtained from SPCB in favour of project proponent for the proposed handling capacity of stones (minor mineral).
7. Water shall be sprayed at the Crushing Site and roads used for transportation to mitigate the dust problem.
8. Annual replenishment report certified by an authorized agency shall be submitted. In case the replenishment is low, the mining activity / production levels shall accordingly be decreased / stopped.
9. Effective safeguard measures shall be taken to control particulate matter level so as to ensure that these are within permissible limit.
10. Regular monitoring of ambient air quality shall be carried out and records maintained. The results of monitoring shall be submitted to SEIAA and Regional Office, MoEF&CC and SPCB regularly.
11. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried-out on haul roads. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
12. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected. Regular monitoring of ground water level and quality shall be carried out around the mine lease area by establishing a network of existing wells and installing new piezometers during the mining operation. The periodic monitoring [(at least four times in a year- pre-monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January); once in each season)] shall be carried out in consultation with the State Ground Water Board/Central Ground Water Authority and the data thus collected may be sent regularly to the Ministry of Environment and Forests and its Regional Office Chandigarh, the Central Ground

Water Authority and the Regional Director, Central Ground Water Board. If at any stage, it is observed that the groundwater table is getting depleted due to the mining activity, necessary corrective measures shall be carried out.

13. The project proponent shall obtain necessary prior permission from the competent authority for drawl of requisite quantity of water for the project.
14. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
15. Vehicular emissions shall be kept under control and regularly monitored. The mineral transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded.
16. No drilling and blasting operation shall be carried out.
17. Mineral handling area shall be provided with the adequate number of high efficiency dust extraction system. Loading and unloading areas including all the transfer points should also have efficient dust control arrangements. These should be properly maintained and operated.
18. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
19. 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.
20. The project authority shall implement suitable conservation measures to augment ground water resources in the area in consultation with the Central Ground Water Board.
21. A comprehensive EIA including stone crusher units within 15 km to assess impact of the stone crushers on the surrounding area shall be undertaken and report shall be submitted to this Authority within one year.
22. Green belt development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO /Agriculture Department. Herbs and shrubs shall also form a part of afforestation programme besides tree plantation. The company shall involve local people for plantation programme. Details of year wise afforestation programme shall be submitted to the Regional Office, MoEF&CC, GoI, Lucknow every year.
23. Thick plantation (3 rows in 10 m wide belt) of native trees having dense foliage and broader leaves and shrubs shall be carried out at the periphery of the crusher premises and shall be maintained. Any mortality of trees should be replaced.
24. Rain water harvesting shall be undertaken to recharge the ground water source.
25. A grit settling tank/sedimentation tank of sufficient capacity shall be constructed within the premises of the crusher unit to collect the spent wash/excess water used in air pollution control measures. The water thus collected should be treated & recycled back for the same practices. Fine particle (silt) thus arrested in the tank should be desilted at regular intervals.
26. Measures for prevention and control of soil erosion and management of silt shall be undertaken.
27. Trenches/ garland drains shall be constructed around the periphery of the crusher and necessary wherever and coco filters installed at regular intervals to arrest silt from being carried to water bodies. Adequate number of Check Dams and Gully Plugs shall be constructed across seasonal/perennial nallahs, if any flowing through the crusher plant and silts arrested. De-silting at regular intervals shall be carried out.
28. Garland drain of appropriate size, gradient and length shall be constructed and sump capacity shall be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity shall also

provide adequate retention period to allow proper settling of silt material. Sedimentation pits shall be constructed at the corners of the garland drains and de-silted at regular intervals.

29. Noise generating equipment such as generators, compressors are to be provided with appropriate noise attenuating jackets/materials/ structures. Proper and regular maintenance of equipment to be carried out.
30. The waste water from the crusher plant shall be treated to conform to the prescribed standards before discharging in to the natural stream. The discharged water, if any shall be regularly monitored and report submitted to the Regional Office, Ministry of Environment & Forests, GoI, Lucknow and the State Pollution Control Board.
31. Project Proponent shall explore the possibility of using solar energy where ever possible.
32. Regular health check-up record of the mine workers has to be maintained at site in a proper register. It should be made available for inspection whenever asked.
33. Project Proponent has to strictly follow the direction/guidelines issued by MoEF&CC, CPCB and other Govt. agencies from time to time.

25. Discussion on complaint letter dated 10/10/2020 of Shri Pramod, S/o Shri Ranjeet, House No. 131, Villag-Warsi Tikrol, Saharanpur

RESOLUTION AGAINST AGENDA NO-25

The Secretariat informed the committee that Shri Pramod, S/o Shri Ranjeet, House No. 131, Villag-Warsi Tikrol, Saharanpur vide letter dated 10/10/2020 send a complain letter of Sand/Bajari/Boulder Mining at Gata No.'-378/2 & 379/2, Village- Sherpur Pelo, Tehsil- Behat ,District- Saharanpur, U.P. (Leased Area -7.00 Ha) and informed that the issue raised in public consultation did not resolved by the project proponent.

The committee went through the letter dated 10/10/2020 of Shri Pramod, S/o Shri Ranjeet and opined that the complaint letter should be sent to District Magistrate, Saharanpur for providing the factual report within 30 days and take necessary action on the issues raised by the complainant. The copy of the letter should also be sent to Department of Geology and Mining, Lucknow and Shri Pramod, S/o Shri Ranjeet, House No. 131, Villag-Warsi Tikrol, Saharanpur for information and necessary action.

(Dr. Virendra Misra)
Member

(Dr. Pramod Kumar Mishra)
Member

(Dr. Ranjeet Kumar Dalela)
Member

(Shri Meraj Uddin)
Member

(Dr. Ajoy Mandal)
Member

(Shri Rajiv kumar)
Member

(Dr. Sarita Sinha)
Member

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

Annexure-1

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

General condition:

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

Specific Conditions:

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

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

Annexure-2

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

A. General Conditions:

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

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

B. Specific Conditions:

1. At the time of operation, project proponent will comply with all the guidelines issued by Government of India/State Govt./District Administration related to Covid-19.
2. This environmental clearance does not create or verify any claim of applicant on the proposed site/activity.
3. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 05ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 05ha, the E.C issued will stand revoked.
4. This environmental clearance shall be subject to valid lease in favour of project proponent for the proposed mining proposals. In case, the project proponent does not have a valid lease, this environmental clearance shall automatically become null and void.
5. The Environmental clearance will be co-terminus with the mining lease period/Mining Plan.
6. Explosive cannot be stored on the site.
7. A comprehensive EIA including mining areas within 15 K.M. to assess impact of the mining activity on the surrounding area shall be undertaken and report submitted to this Authority within one year.

8. No two pits shall be simultaneously worked i.e. before the first is exhausted and reclamation work completed, no mineral bearing area shall be worked.
9. After exhausting the first mine pit and before starting mining operations in the next pit, reclamation and plantation works in the exhausted pit shall be completed so as to ensure that reclamation, forest cover and vegetation are visible during the first year of mining operations in the next pit. This process will follow till the last pit is exhausted. Adequate rehabilitation of mined pit shall be completed before any new ore bearing area is worked for expansion.
10. Adequate buffer zone shall be maintained between two consecutive mineral bearing deposits.
11. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
12. Green belt development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO / Agriculture Department. Herbs and shrubs shall also form a part of afforestation programme besides tree plantation. The company shall involve local people for plantation programme. Details of year wise afforestation programme including rehabilitation of mined out area shall be submitted to the Regional Office, MoEF&CC, GoI, Lucknow every year.
13. Blast vibrations study shall be conducted and a observation report submitted to the Regional office, MoEF&CC, GoI, Lucknow and UPPCB within six months. The report shall also include measures for prevention of blasting associated impact on nearby houses and agricultural fields.
14. Controlled blasting techniques with sequential blasting shall be adopted. The blasting shall be carried out in the day time only.
15. Appropriate arrangement for shelter and drinking water for the mining workers has to be ensured at the mining site.
16. Maintenance of village roads used for transportation of minerals are to be done by the company regularly at its own expenses. The roads shall be black topped.
17. Rain water harvesting shall be undertaken to recharge the ground water source.
18. Status of implementation shall be submitted to the Regional Office, MoEF&CC, GoI, Lucknow and UP Pollution Control Board within six months and thereafter every year from the next consequent year.
19. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
20. Measures for prevention and control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion shall be carried out with geo textile matting or other suitable material, and thick plantations of native trees and shrubs shall be carried out at the dump slopes. Dumps shall be protected by retaining walls.
21. Trenches / garland drains shall be constructed at foot of dumps and coco filters installed at regular intervals to arrest silt from being carried to water bodies. Adequate number of Check Dams and Gully Plugs shall be constructed across seasonal/perennial nallahs, if any flowing through the ML area and silts arrested. De-silting at regular intervals shall be carried out.
22. Garland drain of appropriate size, gradient and length shall be constructed for both mine pit and for waste dump and sump capacity shall be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity shall also provide adequate retention period to allow proper settling of silt material. Sedimentation pits shall be constructed at the corners of the garland drains and de-silted at regular intervals.
23. Ground and surface water, if any in and near the core zone (within 5.0 km of the lease) shall be regularly monitored for contamination and depletion due to mining activity and records maintained. The monitoring data shall be submitted to the Regional Office, MoEF, GoI, Lucknow and U.P. Pollution Control Board regularly. Further, monitoring points shall be located between the mine and drainage in the direction of flow of ground water shall be set up and records maintained.

24. Fugitive dust generation shall be controlled. Fugitive dust emission shall be regularly monitored at locations of nearest human habitation (including schools and other public amenities located nearest to sources of dust generation as applicable) and records submitted to the Regional Office, MoEF&CC, GoI, Lucknow and U.P. Pollution Control Board regularly.
25. Baseline data for ambient air quality shall be generated and maintained and RSPM level in ambient air in the nearby human habitation (villages) shall also be monitored along with other parameters.
26. Corporate Environmental Responsibility (CER) shall be by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers.
27. Transportation of minerals shall be done by covering the trucks with tarpaulin or other suitable mechanism so that no spillage of mineral/dust takes place.
28. Occupational health and safety measures for the workers including identification of work related health hazards, training on malaria eradication, HIV, and health effects on exposure to mineral dust etc. shall be carried out. Periodic monitoring for exposure to respirable mineral dust on the workers shall be conducted and records maintained including health records of the workers. Awareness programme for workers on impact of mining on their health and precautionary measures like use of personal equipments etc. shall be carried out periodically. Review of impact of various health measures shall be conducted followed by follow up action wherever required.
29. The project proponent will ensure for providing employment to local people as per requirement, necessary protection measures around the mine pit and waste dump and garland drain around the mine pit and waste dump.
30. Top soil / solid waste shall be stacked properly with proper slope and adequate safeguards and shall be utilized for backfilling (wherever applicable) for reclamation and rehabilitation of mined out area. Top soil shall be separately stacked for utilization later for reclamation and shall not be stacked along with over burden.
31. Over burden (OB) shall be stacked at earmarked dump site(s) only and shall not be kept active for long period. The maximum height of the dump shall not exceed 20 m, each stage shall preferably be of maximum 10 m and overall slope of the dump shall not exceed 35°. The OB dump shall be backfilled. The OB dumps shall be scientifically vegetated with suitable native species to prevent erosion and surface run off.
32. Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self sustaining. Compliance status shall be submitted to the Regional Office, Ministry of Environment & Forests, GoI, Lucknow and U.P. Pollution Control Board on six monthly basis.
33. Slope of the mining bench and ultimate pit limit shall be as per the mining scheme approved by Indian Bureau of Mines.
34. Permission for abstraction of ground water shall be taken from Central Ground Water Board. Regular monitoring of ground and surface water sources for level and quality shall be carried out by establishing a network of existing wells and constructing new piezometers during the mining operation. The monitoring shall be carried out four times in a year i.e. pre-monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January) and the data thus collected shall be regularly sent to MoEF&CC, Central Ground Water Authority and Regional Director, Central Ground Water Board.
35. The waste water from the mine shall be treated to conform to the prescribed standards before discharging in to the natural stream. The discharged water from the Tailing Dam, if any shall be regularly monitored and report submitted to the Regional Office, Ministry of

Environment & Forests, GoI, Lucknow, Central Pollution Control Board and the State Pollution Control Board.

36. Hydro geological study of the area shall be reviewed by the project proponent annually. In case adverse effect on ground water quality and quantity is observed mining shall be stopped and resumed only after mitigating steps to contain any adverse impact on ground water is implemented.
37. Vehicular emissions shall be kept under control and regularly monitored. Vehicles used for transportation of minerals and others shall have valid permissions as prescribed under Central Motor Vehicle Rules, 1989 and its amendments. The vehicles transporting minerals shall be covered with a tarpaulin or other suitable enclosures so that no dust particles / fine matters escape during the course of transportation. No overloading of minerals for transportation shall be committed. The trucks transporting minerals shall not pass through wild life sanctuary, if any in the study area.
38. Prior permission from the Competent Authority shall be obtained for extraction of ground water, if any.
39. A final mine closure plan, along with details of Corpus Fund, shall be submitted to the Regional office, Ministry of Environment & Forests, GoI, Lucknow and U.P. Pollution Control Board 5 years in advance of final mine closure for approval.
40. Project Proponent shall explore the possibility of using solar energy where ever possible.
41. Commitment towards CER has to be followed strictly.
42. Regular health check-up record of the mine workers has to be maintained at site in a proper register. It should be made available for inspection whenever asked.
43. Project Proponent has to strictly follow the direction/guidelines issued by MoEF&CC, CPCB and other Govt. Agencies from time to time.
44. The blasting will be done only after getting the permission from the Mining Department.

Terms of Reference for the Mining Project

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

- distance from mine lease, its land use, R&R issues, if any, should be given.
- 12) A Certificate from the Competent Authority in the State Forest Department should be provided, confirming the involvement of forest land, if any, in the project area. In the event of any contrary claim by the Project Proponent regarding the status of forests, the site may be inspected by the State Forest Department along with the Regional Office of the Ministry to ascertain the status of forests, based on which, the Certificate in this regard as mentioned above be issued. In all such cases, it would be desirable for representative of the State Forest Department to assist the Expert Appraisal Committees.
 - 13) Status of forestry clearance for the broken up area and virgin forestland involved in the Project including deposition of net present value (NPV) and compensatory afforestation (CA) should be indicated. A copy of the forestry clearance should also be furnished.
 - 14) Implementation status of recognition of forest rights under the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 should be indicated.
 - 15) The vegetation in the RF / PF areas in the study area, with necessary details, should be given.
 - 16) A study shall be got done to ascertain the impact of the Mining Project on wildlife of the study area and details furnished. Impact of the project on the wildlife in the surrounding and any other protected area and accordingly, detailed mitigative measures required, should be worked out with cost implications and submitted.
 - 17) Location of National Parks, Sanctuaries, Biosphere Reserves, Wildlife Corridors, Ramsar site Tiger/ Elephant Reserves/(existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated, supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above, should be obtained from the Standing Committee of National Board of Wildlife and copy furnished.
 - 18) A detailed biological study of the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out. Details of flora and fauna, endangered, endemic and RET Species duly authenticated, separately for core and buffer zone should be furnished based on such primary field survey, clearly indicating the Schedule of the fauna present. In case of any scheduled- I fauna found in the study area, the necessary plan alongwith budgetary provisions for their conservation should be prepared in consultation with State Forest and Wildlife Department and details furnished. Necessary allocation of funds for implementing the same should be made as part of the project cost.
 - 19) Proximity to Areas declared as 'Critically Polluted' or the Project areas likely to come under the 'Aravali Range', (attracting court restrictions for mining operations), should also be indicated and where so required, clearance certifications from the prescribed Authorities, such as the SPCB or State Mining Department should be secured and furnished to the effect that the proposed mining activities could be considered.
 - 20) Similarly, for coastal Projects, A CRZ map duly authenticated by one of the authorized agencies demarcating LTL, HTL, CRZ area, location of the mine lease w.r.t CRZ, coastal features such as mangroves, if any, should be furnished. (Note: The Mining Projects falling under CRZ would also need to obtain approval of the concerned Coastal Zone Management Authority).
 - 21) R&R Plan/compensation details for the Project Affected People (PAP) should be furnished. While preparing the R&R Plan, the relevant State/National Rehabilitation & Resettlement Policy should be

kept in view. In respect of SCs /STs and other weaker sections of the society in the study area, a need based sample survey, family-wise, should be undertaken to assess their requirements, and action programmes prepared and submitted accordingly, integrating the sectoral programmes of line departments of the State Government. It may be clearly brought out whether the village(s) located in the mine lease area will be shifted or not. The issues relating to shifting of village(s) including their R&R and socio-economic aspects should be discussed in the Report.

- 22) One season (non-monsoon) [i.e. March-May (Summer Season); October-December (post monsoon season) ; December-February (winter season)] primary baseline data on ambient air quality as per CPCB Notification of 2009, water quality, noise level, soil and flora and fauna shall be collected and the AAQ and other data so compiled presented date-wise in the EIA and EMP Report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be such as to represent whole of the study area and justified keeping in view the pre-dominant downwind direction and location of sensitive receptors. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM10, particularly for free silica, should be given.
- 23) Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.
- 24) The water requirement for the Project, its availability and source should be furnished. A detailed water balance should also be provided. Fresh water requirement for the Project should be indicated.
- 25) Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.
- 26) Description of water conservation measures proposed to be adopted in the Project should be given. Details of rainwater harvesting proposed in the Project, if any, should be provided.
- 27) 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.
- 28) Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed Hydro Geological Study should be undertaken and Report furnished. The Report inter-alia, shall include details of the aquifers present and impact of mining activities on these aquifers. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of ground water should also be obtained and copy furnished.
- 29) 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.
- 30) 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.
- 31) A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind,

the same will have to be executed up front on commencement of the Project. Phase-wise plan of plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given. The plant species selected for green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species which are tolerant to pollution.

- 32) Impact on local transport infrastructure due to the Project should be indicated. Projected increase in truck traffic as a result of the Project in the present road network (including those outside the Project area) should be worked out, indicating whether it is capable of handling the incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered. Project Proponent shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.
- 33) Details of the onsite shelter and facilities to be provided to the mine workers should be included in the EIA Report.
- 34) Conceptual post mining land use and Reclamation and Restoration of mined out areas (with plans and with adequate number of sections) should be given in the EIA report.
- 35) Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out in detail. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. The project specific occupational health mitigation measures with required facilities proposed in the mining area may be detailed.
- 36) 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.
- 37) 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.
- 38) Detailed environmental management plan (EMP) to mitigate the environmental impacts which, should inter-alia include the impacts of change of land use, loss of agricultural and grazing land, if any, occupational health impacts besides other impacts specific to the proposed Project.
- 39) 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.
- 40) Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
- 41) The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
- 42) A Disaster management Plan shall be prepared and included in the EIA/EMP Report.
- 43) Benefits of the Project if the Project is implemented should be spelt out. The benefits of the Project shall clearly indicate environmental, social, economic, employment potential, etc.
- 44) Besides the above, the below mentioned general points are also to be followed:-
 - a) Executive Summary of the EIA/EMP Report
 - b) All documents to be properly referenced with index and continuous page numbering.
 - c) Where data are presented in the Report especially in Tables, the period in which the data

were collected and the sources should be indicated.

- d) Project Proponent shall enclose all the analysis/testing reports of water, air, soil, noise etc. using the MoEF&CC/NABL accredited laboratories. All the original analysis/testing reports should be available during appraisal of the Project.
- e) Where the documents provided are in a language other than English, an English translation should be provided.
- f) The Questionnaire for environmental appraisal of mining projects as devised earlier by the Ministry shall also be filled and submitted.
- g) While preparing the EIA report, the instructions for the Proponents and instructions for the Consultants issued by MoEF&CC vide O.M. No. J-11013/41/2006-IA.II(I) dated 4th August, 2009, which are available on the website of this Ministry, should be followed.
- h) Changes, if any made in the basic scope and project parameters (as submitted in Form-I and the PFR for securing the TOR) should be brought to the attention of MoEF&CC with reasons for such changes and permission should be sought, as the TOR may also have to be altered. Post Public Hearing changes in structure and content of the draft EIA/EMP (other than modifications arising out of the P.H. process) will entail conducting the PH again with the revised documentation.
- i) As per the circular no. J-11011/618/2010-IA.II(I) dated 30.5.2012, certified report of the status of compliance of the conditions stipulated in the environment clearance for the existing operations of the project, should be obtained from the Regional Office of Ministry of Environment, Forest and Climate Change, as may be applicable.
- j) The EIA report should also include: (i) surface plan of the area indicating contours of main topographic features, drainage and mining area, (ii) geological maps and sections and (iii) sections of the mine pit and external dumps, if any, clearly showing the land features of the adjoining area.