

Minutes of 588th SEAC-1 Meeting Dated 02/11/2021

The 588th meeting of SEAC-1 was held in the Directorate of Environment, U.P. through dual-mode (physically/virtually) at 11:00 AM on 02/11/2021. Following members participated in the meeting:

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

The Chairman welcomed the members to the 588th SEAC-1 meeting which was conducted via dual-mode (virtually/physically). Nodal officer, SEAC-1 informed the committee that the agenda has been approved by the Member Secretary, SEAC-1/Director Environment. Nodal officer, SEAC-1 placed the agenda items along with the available file and documents before the SEAC-1.

1. Stone Mining at Gata No.- 339, Khand No.-10 Old 29 New, Village- Daharra, Tehsil -Sadar, Mahoba, Smt. Malti Mishra , Area -0.809 ha. File No. 6554/6164/Proposal No. SIA/UP/MIN/67335/2021

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

1. The environmental clearance is sought for Building Stone (Khanda, Boulder, Bailast (Gitti)) at Gata No.-339, (Khand No.- 10 Old 29 New), Village- Daharra, Tehsil- Sadar, District- Mahoba, U.P. (Leased Area- 0.809 ha.)
2. The terms of reference in the matter were issued by SEIAA, U.P. Ref. No.: 81/Parya/SEAC/6164/2019, dated 11/06/2021.
3. The public hearing was organized on 05/08/2021. Final EIA report submitted on 07/09/2021.
4. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/67335/2021		
2.	File No. allotted by SEIAA, UP	6554 / 6164		
3.	Name of Proponent	Smt. Malti Mishra W/o Shri Dinesh Kumar Mishra		
4.	Full correspondence address of proponent	R/o- House No.- 128/34, K-Block, Kidwai Nagar, Thana-Naubasta, District-Kanpur Nagar, U.P.		
5.	Name of Project	Building Stone (Khanda, Boulder, Bailast (Gitti)) Mining Project		
6.	Project location (Plot/ Khasra /Gata No.)	Gata No.-339, (Khand No.- 10 Old 29 New)		
7.	Name of Village	Daharra		
8.	Tehsil	Sadar		
9.	District	Mahoba		
10.	Name of Minor Mineral	Building Stone (Khanda, Boulder, Bailast (Gitti))		
11.	Sanctioned Lease Area (in Ha.)	0.809 ha.		
12.	Max.& Min mRL within lease area	193.0 mRL- 182.0 mRL		
13.	Pillar Coordinates(Verified by DMO)	Pillars	Latitude (N)	Longitude (E)
		A	25° 20' 15.482"N	79° 57' 43.664"E

Minutes of 588th SEAC-1 Meeting Dated 02/11/2021

		B	25° 20' 16.220"N	79° 57' 44.711"E
		C	25° 20' 12.080"N	79° 57' 50.853"E
		D	25° 20' 11.284"N	79° 57' 49.720"E
14.	Total Geological Reserves	562059 m ³		
15.	Total Mineable Reserves	200011 m ³		
16.	Total Proposed Production (in five year)	200000 m ³		
17.	Proposed Production / year	Year	Production	
		1 st	40000 m ³	
		2 nd	40000 m ³	
		3 rd	40000 m ³	
		4 th	40000 m ³	
		5 th	40000 m ³	
		Total	200000 m ³	
18.	Sanctioned Period of Mine lease	10 Years		
19.	Production of mine/day	133.33 m ³ (approx.)		
20.	Method of Mining	Opencast Semi-Mechanized		
21.	No. of working days	300 days		
22.	Working hours/day	8 Hours/Day		
23.	No.Of workers	35 (approx.)		
24.	No.Of vehicle movement /day	14 (approx.)		
25.	Type of Land	Govt. revenue land		
26.	Ultimate Depth of Mining	18 meter (average)		
27.	Nearest metalled road from site	0.25 km		
28.	Water Requirement	PURPOSE	REQUIREMENT (KLD)	
		Drinking & Others	0.40	
		Suppression of dust	1.50	
		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-13/01/2022		
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, Mahoba vide Letter No. 7428/MMC-30/2020-21 Dated 16 th December, 2020		
32.	Details of Lease Area in approved DSR	DSR Correction Letter No.- 154/MMC-30-Khanij (2020-21) Dated 12/05/2021, Page No. 3, Sr No. 65		
33.	Proposed CER cost	1.25 Lakh		
34.	Proposed EMP cost	9.43 Lakh		
35.	Length and breadth of Haul Road.	Length- 250m, Width- more than 6.0 m		
36.	No. of Trees to be Planted	80		

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

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-01

The committee noted that complaint letters of Shri Manish Agarwal (Advocate) New Delhi have been received by the committee members.

The committee decided to share the aforesaid complaint letters with the Project Proponent/ Consultant. The Project Proponent/ Consultant mentioned that these complaints are baseless, and they are able to give a written reply regarding the aforesaid complaints today itself, 02-11-2021. The committee deliberated that the case shall be taken after receiving a satisfactory reply in this regard.

The Project Proponent/ Consultant has submitted a points-wise reply to that of the complaint made by the Complainant. The point wise details are given below:

Sr. No.	Complaint	Reply
1.	Regarding Illegal Mining is going on.	As per the allotted Letter of Intent (LOI) from the office of District Magistrate Mahoba (Mining Section) vide letter no 7239/MMC-30/A.P/ 2020, dated, 01/12/2020. We are not allowed to mine before granting the EC. I am hereby assuring that there is no mining is going on.
2.	Regarding the minable quantity is not available in the mine.	As per approved mining plan approval from DGM approval no.- 1944/M.Plan/2017 dated 14.01.21 and allotted LoI vide letter no 7239/MMC-30/A.P/ 2020, dated, 01/12/2020 the per year production is 40,000 cubic meter per annum and mineable reserve 2,00,011 cubic meter and the same quantity is available and approved by DGM.
3.	Regarding the wrong Geo-Coordinates.	As per the Certified khasra map provided from the District Mining Officer dated 16.12.2020 the Geo-coordinates is used for the Mining plan and the same Coordinates are approved in the form of Mining plan as well.
4.	Regarding the depth of mine due to Illegal Mining.	As per the allotted Letter of Intent (LOI) from the office of District Magistrate Mahoba (Mining Section) vide letter no 7239/MMC-30/A.P/ 2020, dated, 01/12/2020. There is no mining activity is going on. Hence there is no question arises regarding Illegal mining.
5.	Regarding the wrong Cluster Certificate in respect of Khasra map.	As per the Cluster Certificate Issued vide letter No.- 7428/MMC-30/2021-22 dated 16.12.2020 there is only 32 Khands totaling the area of 41.643 ha. are allotted in this region are allotted in this region within 500 mt. and there are no other mining areas in the vicinity other than these allotted areas. Hence our Cluster certificate supports the Certified Khasra map issued by the District Mining officer.

After detailed analysis, the committee did not find any merit in the complaint and recommended the grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure-1 to these minutes regarding the mining project. The committee also stipulated the following specific conditions:

1. The project proponent shall install solar light in their site office.
2. During the submission of 6 monthly compliance reports, the project proponent should make sure that the periodically taken site photographs should also be annexed along with the compliance report.

Minutes of 588th SEAC-1 Meeting Dated 02/11/2021

3. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
4. The maximum height of the bench should be 06 meters and the width of the bench should be at least twice the height of the bench as per the mine plan approval letter by DGM, U.P
5. In case the blasting is proposed during a mining operation, the project proponent needs to assess its impact on the displacement of human beings/wild animals/birds/other species, and the suitable measures proposed and taken for their rehabilitation and resettlement need to be clearly described in first 6 monthly compliance report.
6. The project proponent shall submit a final mine closure plan/Exit protocol for rehabilitation of mined-out land to match its surrounding land use 3 years before the closure of the mine to SEIAA, UP and Department of Mines and Geology, UP for approval. The project proponent shall ensure the implementation of the approved plan under the supervision of the Dept. of Mines and Geology.
7. The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flow from the quarry area. The surface runoff rainwater harvesting and other water conservation measures on a long-term basis are to be taken in consultation with the Central/State Groundwater Board. The water so collected should be utilized for watering the haulage area, roads, and green belt development, etc.
8. The project proponent shall take all suitable measures to prevent pollution of groundwater and nearby water bodies in consultation with the State Pollution Control Board and consent to operate (if applicable) should be obtained from the State Pollution Control Board before the start of production from the mine.
9. Link Road from the quarry site to the main road shall be constructed as an all-weather road with blacktopping and maintained by the project proponent.
10. Vehicular emissions should be kept under control and regularly monitored. Suitable measures shall be taken for proper maintenance of vehicles used in a quarry operation and transportation.
The project proponent should explore the possibilities of rainwater harvesting.

2. Stone Mining at Gata No.-478/2, Khand No.-03 New, Village-Bilbai, Tehsil & District-Mahoba, Shri Rajendra Kumar, Area -1.012 ha. File No. 6555/6168/Proposal No. SIA/UP/MIN/67353/2021

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

1. The environmental clearance is sought for Building Stone (Khanda, Boulder, Bailast (Gitti)) Mining at Gata No.- 478/2 (Khand No.-03 New), Village- Bilbai, Tehsil- Mahoba, District- Mahoba, U.P. (Applied Area- 1.012 ha.).
2. The terms of reference in the matter were issued by SEIAA, U.P. Ref. No.: 57/Parya/SEAC/6168/2019, dated 10/06/2021.
3. The public hearing was organized on 04/08/2021. Final EIA report submitted on 07/09/2021.
4. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/67353/2021
2.	File No. allotted by SEIAA, UP	6555 / 6168
3.	Name of Proponent	Shri Rajendra Kumar Shivhare S/o Shri Ram Manohar Shivhare
4.	Full correspondence address of proponent	R/o- Indira Nagar, Kabrai, Tehsil & District Mahoba, U.P.
5.	Name of Project	Building Stone (Khanda, Boulder, Bailast (Gitti))

Minutes of 588th SEAC-1 Meeting Dated 02/11/2021

		Mining Project		
6.	Project location (Plot/ Khasra /Gata No.)	Gata No.- 478/2 (Khand No.-03 New)		
7.	Name of Village	Bilbai		
8.	Tehsil	Mahoba		
9.	District	Mahoba		
10.	Name of Minor Mineral	Building Stone (Khanda, Boulder, Bailast (Gitti))		
11.	Sanctioned Lease Area (in Ha.)	1.012 ha.		
12.	Max.& Min mRL within lease area	192 mRL- 178 mRL		
13.	Pillar Coordinates(Verified by DMO)	Pillars	Latitude (N)	Longitude (E)
		A	25° 20' 48.703"	79° 54' 46.817"
		B	25° 20' 48.249"	79° 54' 53.279"
		B-1	25° 20' 47.580"	79° 54' 53.330"
		C	25° 20' 45.190"	79° 54' 52.621"
		D	25° 20' 45.791"	79° 54' 48.974"
		E	25° 20' 47.353"	79° 54' 49.417"
14.	Total Geological Reserves	782038 m ³		
15.	Total Mineable Reserves	312505 m ³		
16.	Total Proposed Production (in five year)	312500 m ³		
17.	Proposed Production / year	Year	Production	
		1 st	62500 m ³	
		2 nd	62500 m ³	
		3 rd	62500 m ³	
		4 th	62500 m ³	
		5 th	62500 m ³	
		Total	312500 m ³	
18.	Sanctioned Period of Mine lease	10 Years		
19.	Production of mine/day	208.33 m ³ (approx.)		
20.	Method of Mining	Opencast Semi-Mechanized		
21.	No.of working days	300 days		
22.	Working hours/day	8 Hours/Day		
23.	No.Of workers	36 (approx.)		
24.	No.Of vehicle movement /day	21 (approx.)		
25.	Type of Land	Govt. revenue land		
26.	Ultimate Depth of Mining	24 meter (average)		
27.	Nearest metalled road from site	0.30 km		
28.	Water Requirement	PURPOSE	REQUIREMENT (KLD)	
		Drinking & Others	0.40	
		Suppression of dust	1.80	
		Plantation	0.10	
		Others(if any)	-----	
		Total	2.30	
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-13/01/2022		
30.	Any litigation pending against the project or land in any court	No		
31.	Details of 500 m Cluster Map & certificate	DMO, Mahoba vide Letter No. 7339/MMC-30/2020-21, Dated 09/12/2020		

Minutes of 588th SEAC-1 Meeting Dated 02/11/2021

	Verified by Mining Officer	
32.	Details of Lease Area in approved DSR	DSR Correction Letter No.- 154/MMC-30-Khanij (2020-21) Dated 12/05/2021, Page No. 2, Sr No. 20
33.	Proposed CER cost	1.35 Lakh
34.	Proposed EMP cost	10.15 Lakh
35.	Length and breadth of Haul Road.	Length- 0.30 km, Width- more than 6.0 m
36.	No. of Trees to be Planted	100

5. The mining would be restricted to the unsaturated zone only above the phreatic water table and will not intersect the groundwater table at any point in time.
6. The mining operation will not be carried out in the safety zone of any bridge or embankment or eco-fragile zone such as the habitat of any wild fauna.
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-02

The committee noted that complaint letters of Shri Manish Agarwal (Advocate) New Delhi have been received by the committee members.

The committee decided to share the aforesaid complaint letters with the Project Proponent/ Consultant. The Project Proponent/ Consultant mentioned that these complaints are baseless, and they are in able to give a written reply regarding the aforesaid complaints today itself, 02-11-2021. The committee deliberated that the case shall be taken after receiving a satisfactory reply in this regard.

The Project Proponent/ Consultant has submitted a points-wise reply to that of the complaint made by the Complainant. The point wise details are given below:

Sr. No.	Complaint	Reply
1.	Regarding Illegal Mining is going on.	As per the allotted Letter of Intent (LOI) from the office of District Magistrate Mahoba (Mining Section) vide letter no 7229/MMC-30/A.P/ 2020, dated, 01/12/2020. We are not allowed to mine before granting the EC. I am hereby assuring that there is no mining is going on.
2.	Regarding the minable quantity is not available in the mine.	As per approved mining plan approval from DGM approval no.- 1939/M.Plan/2017 dated 14.01.21 and allotted LoI vide letter no 7229/MMC-30/A.P/ 2020, dated, 01/12/2020 the per year production is 62,500 cubic meter per annum and mineable reserve 3,82,038 cubic meter and the same quantity is available and approved by DGM.
3.	Regarding the wrong Geo-Coordinates.	As per the Certified khasra map provided from the District Mining Officer dated 08.12.2020 the Geo-coordinates is used for the Mining plan and the same Coordinates are approved in the form of Mining plan as well.
4.	Regarding the depth of mine due to Illegal Mining.	As per the allotted Letter of Intent (LOI) from the office of District Magistrate Mahoba (Mining Section) vide letter no 7229/MMC-30/A.P/ 2020, dated, 01/12/2020. There is no mining activity is going on. Hence there is no question arises regarding Illegal mining.
5.	Regarding the wrong Cluster Certificate in respect of Khasra map.	As per the Cluster Certificate Issued vide letter No.- 2081/MMC-30/2021-22 dated 29.10.2021 there is only 3 Khands totaling the area of 5.060 ha. are allotted in this region are allotted in this region within 500 mt. and there are no other mining areas in the vicinity other than these allotted areas. Hence our Cluster certificate supports the Certified

		Khasra map issued by the District Mining officer.
--	--	---

After detailed analysis, the committee did not find any merit in the complaint and recommended the grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure-1 to these minutes regarding the mining project. The committee also stipulated the following specific conditions:

1. The project proponent shall install solar light in their site office.
2. During the submission of 6 monthly compliance reports, the project proponent should make sure that the periodically taken site photographs should also be annexed along with the compliance report.
3. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
4. The maximum height of the bench should be 06 meters and the width of the bench should be at least twice the height of the bench as per the mine plan approval letter by DGM, U.P
5. In case the blasting is proposed during a mining operation, the project proponent needs to assess its impact on the displacement of human beings/wild animals/birds/other species, and the suitable measures proposed and taken for their rehabilitation and resettlement need to be clearly described in first 6 monthly compliance report.
6. The project proponent shall submit a final mine closure plan/Exit protocol for rehabilitation of mined-out land to match its surrounding land use 3years before the closure of the mine to SEIAA, UP and Department of Mines and Geology, UP for approval. The project proponent shall ensure the implementation of the approved plan under the supervision of the Dept. of Mines and Geology.
7. The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flow from the quarry area. The surface runoff rainwater harvesting and other water conservation measures on a long-term basis are to be taken in consultation with the Central/State Groundwater Board. The water so collected should be utilized for watering the haulage area, roads, and green belt development, etc.
8. The project proponent shall take all suitable measures to prevent pollution of groundwater and nearby water bodies in consultation with the State Pollution Control Board and consent to operate (if applicable) should be obtained from the State Pollution Control Board before the start of production from the mine.
9. Link Road from the quarry site to the main road shall be constructed as an all-weather road with blacktopping and maintained by the project proponent.
10. Vehicular emissions should be kept under control and regularly monitored. Suitable measures shall be taken for proper maintenance of vehicles used in a quarry operation and transportation.
The project proponent should explore the possibilities of rainwater harvesting.

3. Stone Mining at Araj No.-428, Village-Dhuriya, Tehsil- Chunar, District- Mirzapur, Smt. Sushila Devi, area-1.414 ha. File No. 5951/Proposal No. SIA/UP/MIN/57559/2020

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

1. The environmental clearance is sought for Building Stone (Sandstone) Mining at Araj/Gata no.-428, Village-Dhuriya, Tehsil-Chunar, District-Mirzapur, U.P., (Leased Area-1.414 ha.) M/s Surya Construction & Suppliers
2. The terms of reference in the matter were issued by SEIAA, U.P. Ref. No.: 749/Parya/SEAC/5951 /2019 dated 15/01/2021.
3. The public hearing was organized on 16/06/2021. Final EIA report submitted on 08/09/2021.

Minutes of 588th SEAC-1 Meeting Dated 02/11/2021

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

1.	On-line proposal No.	SIA/UP/MIN57559/2020		
2.	File No. allotted by SEIAA, UP	5951		
3.	Name of Proponent	Smt. Sushila Devi M/s Surya Construction & Suppliers		
4.	Full correspondence address of proponent and mobile no.	Smt. Sushila Devi R/o village- Patti Kalan, Tehsil- Chunar, Mirzapur.		
		Mobile no.-		
		E-mail Id- sushiladevi5418@gmail.com		
5.	Name of Project	Building Stone (Sandstone) Mining Village 6Dhuriya, Tehsil-Chunar, District6Mirzapur, Uttar Pradesh		
6.	Project Location (Plot.Khasra/Gata No.)	Gata No. 6428, Village 6Dhuriya, Tehsil-Chunar, District6Mirzapur, Uttar Pradesh		
7.	Name of River	NA		
8.	Name of Village	Dhuriya		
9.	Tehsil	Chunar		
10.	District	Mirzapur		
11.	Name of Minor Mineral	Building Stone(Sandstone) Mining		
12.	Sanctioned Lease Area (in Ha.)	1.414 ha.		
13.	Max. & Min mRL within lease area	Highest mRL is 117.4 & Lowest is 111.5.		
14.	Pillar Coordinates (Verified by DMO)	Pillars	N	E
		A	25° 02'17.3"N	83° 03'05.8"E
		B	25° 02'20.60"N	83° 03'03.60"E
		C	25° 02'20.80"N	83° 03'58.80"E
		D	25° 02'16.10"N	83° 03'03.0"E
15.	Total Geological Reserves	953640 m ³		
16.	Total Mineable Reserve (as per Approved Mine Plan)	320693 m ³		
17.	Total Proposed Production	14140 m ³ /year		
18.	Proposed Production /year	14140 m ³ /year		
19.	Sanctioned Period of Mine lease	20 years		
20.	Production of mine/day	47 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	21		
25.	No. of vehicles movement/day	4		
26.	Type of Land	Revenue land		
27.	Ultimate of Depth of Mining	35m		
28.	Nearest metalled road from site	160m		
29.	Water Requirement	PURPOSE	REQUIREMENT (KLD)	
		Drinking	0.63 KLD	
		Suppression of dust	0.64 KLD	
		Plantation	0.5 KLD	
		Others (if any)	-	
		Total	1.77 KLD	

Minutes of 588th SEAC-1 Meeting Dated 02/11/2021

30.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Green Enviro Engineers Pvt. Ltd. Certificate no. NABET/EIA/2124/IA0086 Valid Till September 20,2024
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. 940/khanij/2020
33.	Details of Lease Area in approved DSR	1.414 ha.
34.	Proposed CER cost	1.82 lakh
35.	Proposed EMP cost	Total project cost-91 lakh
36.	Length and breadth of Haul Road	160m & 6m
37.	No. of Trees to be Planted	200

5. The mining would be restricted to the unsaturated zone only above the phreatic water table and will not intersect the groundwater table at any point in time.
6. The mining operation will not be carried out in the safety zone of any bridge or embankment or eco-fragile zone such as the habitat of any wild fauna.
7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category 61(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-03

The committee discussed the matter and recommended the grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-1 to the minutes. The committee also stipulated the following specific conditions:

1. The project proponent shall install solar light in their site office.
2. During the submission of 6 monthly compliance reports, the project proponent should make sure that the periodically taken site photographs should also be annexed along with the compliance report.
3. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
4. The maximum height of the bench should be 06 meters and the width of the bench should be at least twice the height of the bench as per the mine plan approval letter by DGM, U.P
5. In case the blasting is proposed during a mining operation, the project proponent needs to assess its impact on the displacement of human beings/wild animals/birds/other species, and the suitable measures proposed and taken for their rehabilitation and resettlement need to be clearly described in first 6 monthly compliance report.
6. The project proponent shall submit a final mine closure plan/Exit protocol for rehabilitation of mined-out land to match its surrounding land use 3years before the closure of the mine to SEIAA, UP and Department of Mines and Geology, UP for approval. The project proponent shall ensure the implementation of the approved plan under the supervision of the Dept. of Mines and Geology.
7. The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flow from the quarry area. The surface runoff rainwater harvesting and other water conservation measures on a long-term basis are to be taken in consultation with the Central/State Groundwater Board. The water so collected should be utilized for watering the haulage area, roads, and green belt development, etc.
8. The project proponent shall take all suitable measures to prevent pollution of groundwater and nearby water bodies in consultation with the State Pollution Control Board and consent to operate (if applicable) should be obtained from the State Pollution Control Board before the start of production from the mine.

Minutes of 588th SEAC-1 Meeting Dated 02/11/2021

9. Link Road from the quarry site to the main road shall be constructed as an all-weather road with blacktopping and maintained by the project proponent.
10. Vehicular emissions should be kept under control and regularly monitored. Suitable measures shall be taken for proper maintenance of vehicles used in a quarry operation and transportation.
The project proponent should explore the possibilities of rainwater harvesting.

4. Stone Mining at Khasra No./Gata No.-519, Village- Ghasipur , Tehsil- Chunar, District- Mirzapur, Smt. Neelam Singh, area-1.21 ha. File No. 5944/Proposal No. SIA/UP/MIN/57545/2020

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

1. The environmental clearance is sought for Building Stone (Sandstone) Mining at Araj/Gata no.-519, Village-Ghasipur, Tehsil-Chunar, District-Mirzapur, U.P., (Leased Area-1.21 ha.).
2. The terms of reference in the matter were issued by SEIAA, U.P. Ref. No.: 750/ Parya/SEAC/5944/ 2019 dated 15/01/2021.
3. The public hearing was organized on 16/06/2021. Final EIA report submitted on 08/09/2021.
4. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/57545/2020															
2.	File No. allotted by SEIAA, UP	5944															
3.	Name of Proponent	Smt. Neelam Singh															
4.	Full correspondence address of proponent and mobile no.	Smt. Neelam Singh R/o village- Ghasipur, Tehsil- Chunar, Mirzapur. Mobile no.- E-mail Id- neelamsingh5418@gmail.com															
5.	Name of Project	Building Stone(Sandstone) Mining, Village ó Ghasipur, Tehsil-Chunar DistrictóMirzapur, Uttar Pradesh															
6.	Project Location (Plot.Khasra/Gata No.)	Gata No. 6519, Village óGhasipur, Tehsil-Chunar, DistrictóMirzapur, Uttar Pradesh															
7.	Name of River	NA															
8.	Name of Village	Ghasipur															
9.	Tehsil	Chunar															
10.	District	Mirzapur															
11.	Name of Minor Mineral	Building Stone(Sandstone) Mining															
12.	Sanctioned Lease Area (in Ha.)	1.21 ha.															
13.	Max. & Min mRL within lease area	Highest mRL is 115.5 & Lowest is 102.7.															
14.	Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th>Pillars</th><th>N</th><th>E</th></tr> </thead> <tbody> <tr> <td>A</td><td>25° 03'55.9"N</td><td>82°59'35.0"E</td></tr> <tr> <td>B</td><td>25° 03'55.9"N</td><td>82°59'40.6"E</td></tr> <tr> <td>C</td><td>25° 03'53.0"N</td><td>82°59'40.6"E</td></tr> <tr> <td>D</td><td>25° 03'53.1"N</td><td>82°59'34.9"E</td></tr> </tbody> </table>	Pillars	N	E	A	25° 03'55.9"N	82°59'35.0"E	B	25° 03'55.9"N	82°59'40.6"E	C	25° 03'53.0"N	82°59'40.6"E	D	25° 03'53.1"N	82°59'34.9"E
Pillars	N	E															
A	25° 03'55.9"N	82°59'35.0"E															
B	25° 03'55.9"N	82°59'40.6"E															
C	25° 03'53.0"N	82°59'40.6"E															
D	25° 03'53.1"N	82°59'34.9"E															
15.	Total Geological Reserves	406141 m ³															
16.	Total Mineable Reserve (as per Approved Mine Plan)	181338 m ³															

Minutes of 588th SEAC-1 Meeting Dated 02/11/2021

17.	Total Proposed Production	12100 m ³ /year	
18.	Proposed Production /year	12100 m ³ /year	
19.	Sanctioned Period of Mine lease	20years	
20.	Production of mine/day	40 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	21	
25.	No. of vehicles movement/day	3	
26.	Type of Land	Revenue land	
27.	Ultimate of Depth of Mining	36m	
28.	Nearest metalled road from site	660m	
29.	Water Requirement	PURPOSE	REQUIREMENT (KLD)
		Drinking	0.63 KLD
		Suppression of dust	2.64 KLD
		Plantation	0.5 KLD
		Others (if any)	-
		Total	3.77 KLD
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Green Enviro Engineers Pvt. Ltd. Certificate no. NABET/EIA/2124/IA0086 Valid Till September 20,2024	
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. 943/khanij/2020	
33.	Details of Lease Area in approved DSR	1.21 ha.	
34.	Proposed CER cost	1.24 lakh	
35.	Proposed EMP cost	Total project cost-62 lakh	
36.	Length and breadth of Haul Road	660m & 6m	
37.	No. of Trees to be Planted	200	

5. The mining would be restricted to the unsaturated zone only above the phreatic water table and will not intersect the groundwater table at any point in time.
6. The mining operation will not be carried out in the safety zone of any bridge or embankment or eco-fragile zone such as the habitat of any wild fauna.
7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category 61(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-04

The committee discussed the matter and recommended the grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-1 to the minutes. The committee also stipulated the following specific conditions:

1. The project proponent shall install solar light in their site office.
2. During the submission of 6 monthly compliance reports, the project proponent should make sure that the periodically taken site photographs should also be annexed along with the compliance report.
3. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.

Minutes of 588th SEAC-1 Meeting Dated 02/11/2021

4. The maximum height of the bench should be 06 meters and the width of the bench should be at least twice the height of the bench as per the mine plan approval letter by DGM, U.P
5. In case the blasting is proposed during a mining operation, the project proponent needs to assess its impact on the displacement of human beings/wild animals/birds/other species, and the suitable measures proposed and taken for their rehabilitation and resettlement need to be clearly described in first 6 monthly compliance report.
6. The project proponent shall submit a final mine closure plan/Exit protocol for rehabilitation of mined-out land to match its surrounding land use 3years before the closure of the mine to SEIAA, UP and Department of Mines and Geology, UP for approval. The project proponent shall ensure the implementation of the approved plan under the supervision of the Dept. of Mines and Geology.
7. The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flow from the quarry area. The surface runoff rainwater harvesting and other water conservation measures on a long-term basis are to be taken in consultation with the Central/State Groundwater Board. The water so collected should be utilized for watering the haulage area, roads, and green belt development, etc.
8. The project proponent shall take all suitable measures to prevent pollution of groundwater and nearby water bodies in consultation with the State Pollution Control Board and consent to operate (if applicable) should be obtained from the State Pollution Control Board before the start of production from the mine.
9. Link Road from the quarry site to the main road shall be constructed as an all-weather road with blacktopping and maintained by the project proponent.
10. Vehicular emissions should be kept under control and regularly monitored. Suitable measures shall be taken for proper maintenance of vehicles used in a quarry operation and transportation.
The project proponent should explore the possibilities of rainwater harvesting.

5. Stone Mining at Khasra No./Gata No.-142, at Village-Sonpur, Tehsil- Chunar, Mirzapur, Shri Lakshmi Shankar Mishra, area-1.01 ha. File No. 5947/Proposal No. SIA/UP/MIN/57487/2020

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

1. The environmental clearance is sought for Building Stone (Sandstone) Mining at Araji/Gata no.- 142, Village-Sonpur, Tehsil-Chunar, District-Mirzapur, U.P., (Leased Area-1.01 ha.), M/s Maa Shailputri.
2. The terms of reference in the matter were issued by SEIAA, U.P. Ref. No.: 724/Parya/SEAC/5947/2019 dated 15/01/2021.
3. The public hearing was organized on 16/06/2021. Final EIA report submitted on 08/09/2021.
4. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/57487/2020
2.	File No. allotted by SEIAA, UP	5947
3.	Name of Proponent	M/s Maa Shailputri Shri Lakshmi Mishra
4.	Full correspondence address of proponent and mobile no.	Shri Lakshmi Mishra R/o village- Biramuva, Post- Nakahara, Mirzapur. Mobile no.- E-mail Id- maashailputri5418@gmail.com
5.	Name of Project	Building Stone (Sandstone) Mining Village óSonpur, Tehsil-Chunar, DistrictóMirzapur, Uttar Pradesh
6.	Project Location (Plot.Khasra/Gata	Gata No. ó 142, Village óSonpur, Tehsil-Chunar,

Minutes of 588th SEAC-1 Meeting Dated 02/11/2021

	No.)	District6Mirzapur, Uttar Pradesh																	
7.	Name of River	NA																	
8.	Name of Village	Sonpur																	
9.	Tehsil	Chunar																	
10.	District	Mirzapur																	
11.	Name of Minor Mineral	Building Stone(Sandstone) Mining																	
12.	Sanctioned Lease Area (in Ha.)	1.01 ha.																	
13.	Max. & Min mRL within lease area	Highest mRL is 111.2 & Lowest is 101.																	
14.	Pillar Coordinates (Verified by DMO)	<table><tr><td>Pillars</td><td>N</td><td>E</td></tr><tr><td>A</td><td>25° 02'53.0"N</td><td>83°00'18.2"E</td></tr><tr><td>B</td><td>25° 02'50.5"N</td><td>83°00'18.2"E</td></tr><tr><td>C</td><td>25° 02'51.20"N</td><td>83°00'14.4"E</td></tr><tr><td>D</td><td>25° 02'53.3"N</td><td>83°00'14.7"E</td></tr></table>			Pillars	N	E	A	25° 02'53.0"N	83°00'18.2"E	B	25° 02'50.5"N	83°00'18.2"E	C	25° 02'51.20"N	83°00'14.4"E	D	25° 02'53.3"N	83°00'14.7"E
Pillars	N	E																	
A	25° 02'53.0"N	83°00'18.2"E																	
B	25° 02'50.5"N	83°00'18.2"E																	
C	25° 02'51.20"N	83°00'14.4"E																	
D	25° 02'53.3"N	83°00'14.7"E																	
15.	Total Geological Reserves	556170 m ³																	
16.	Total Mineable Reserve (as per Approved Mine Plan)	182664 m ³																	
17.	Total Proposed Production	10100 m ³ /year																	
18.	Proposed Production /year	10100 m ³ /year																	
19.	Sanctioned Period of Mine lease	20 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	21																	
25.	No. of vehicles movement/day	3																	
26.	Type of Land	Revenue land																	
27.	Ultimate of Depth of Mining	30m																	
28.	Nearest metalled road from site	180m																	
29.	Water Requirement	PURPOSE		REQUIREMENT (KLD)															
		Drinking		0.63 KLD															
		Suppression of dust		0.72 KLD															
		Plantation		0.5 KLD															
		Others (if any)		-															
		Total		1.85 KLD															
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Green Enviro Engineers Pvt. Ltd. Certificate no. NABET/EIA/2124/IA0086 Valid Till September 20,2024																	
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. 942/khanij/2020																	
33.	Details of Lease Area in approved DSR	1.01 ha.																	
34.	Proposed CER cost	1.20 lakh																	
35.	Proposed EMP cost	Total project cost-60 lakh																	
36.	Length and breadth of Haul Road	180m & 6m																	
37.	No. of Trees to be Planted	200																	

5. The mining would be restricted to the unsaturated zone only above the phreatic water table and will not intersect the groundwater table at any point in time.
6. The mining operation will not be carried out in the safety zone of any bridge or embankment or eco-fragile zone such as the habitat of any wild fauna.
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-05

The committee discussed the matter and recommended the grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-1 to the minutes. The committee also stipulated the following specific conditions:

1. The project proponent shall install solar light in their site office.
2. During the submission of 6 monthly compliance reports, the project proponent should make sure that the periodically taken site photographs should also be annexed along with the compliance report.
3. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
4. The maximum height of the bench should be 06 meters and the width of the bench should be at least twice the height of the bench as per the mine plan approval letter by DGM, U.P
5. In case the blasting is proposed during a mining operation, the project proponent needs to assess its impact on the displacement of human beings/wild animals/birds/other species, and the suitable measures proposed and taken for their rehabilitation and resettlement need to be clearly described in first 6 monthly compliance report.
6. The project proponent shall submit a final mine closure plan/Exit protocol for rehabilitation of mined-out land to match its surrounding land use 3 years before the closure of the mine to SEIAA, UP and Department of Mines and Geology, UP for approval. The project proponent shall ensure the implementation of the approved plan under the supervision of the Dept. of Mines and Geology.
7. The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flow from the quarry area. The surface runoff rainwater harvesting and other water conservation measures on a long-term basis are to be taken in consultation with the Central/State Groundwater Board. The water so collected should be utilized for watering the haulage area, roads, and green belt development, etc.
8. The project proponent shall take all suitable measures to prevent pollution of groundwater and nearby water bodies in consultation with the State Pollution Control Board and consent to operate (if applicable) should be obtained from the State Pollution Control Board before the start of production from the mine.
9. Link Road from the quarry site to the main road shall be constructed as an all-weather road with blacktopping and maintained by the project proponent.
10. Vehicular emissions should be kept under control and regularly monitored. Suitable measures shall be taken for proper maintenance of vehicles used in a quarry operation and transportation.
The project proponent should explore the possibilities of rainwater harvesting.

6. Stone Mining at Gata No.-177, Village- Dhuria, Tehsil- Chunar, Mirzapur., Shri Pradeep Kumar, Area -1.01 ha. File No. 5787/Proposal No. SIA/UP/MIN/56033/2020

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

Minutes of 588th SEAC-1 Meeting Dated 02/11/2021

1. The environmental clearance is sought for Building Stone (Khanda, Gitti, Boulder & Pattia) Mining at Araj/Gata no.-177, Village-Dhuria, Tehsil-Chunar, District-Mirzapur, U.P., (Leased Area-1.01 ha).
2. The terms of reference in the matter were issued by SEIAA, U.P. Ref. No.: 513/Parya/SEAC/5787/2019 dated 04/11/2020.
3. The public hearing was organized on 16/06/2021. Final EIA report submitted on 08/09/2021.
4. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/56033/2020		
2.	File No. allotted by SEIAA, UP	5787		
3.	Name of Proponent	Shri Pradeep Kumar		
4.	Full correspondence address of proponent and mobile no.	Shri Pradeep Kumar		
		R/o-Village- Dohri, Ahraura, Chunar, Mirzapur, U.P.		
		Mobile no.-		
		E-mail ID-shripradeepkumar5418@gmail.com		
5.	Name of Project	Building Stone(Khanda, Gitti, Boulder & Pattia)		
6.	Project Location (Plot.Khasra/Gata No.)	Gata No. 6177, Village 6Dhuria, Tehsil-Chunar, District6Mirzapur, Uttar Pradesh		
7.	Name of River	NA		
8.	Name of Village	Dhuria		
9.	Tehsil	Chunar		
10.	District	Mirzapur		
11.	Name of Minor Mineral	Building Stone (Khanda, Giti, Boulder & Pattia)		
12.	Sanctioned Lease Area (in Ha.)	1.01 ha.		
13.	Max. & Min mRL within lease area	Highest mRL is 113.2 & Lowest is 104.1 mRL		
14.	Pillar Coordinates (Verified by DMO)	Points	Latitude	Longitude
		A	25°03'28.026"N	83°02'49.728"E
		B	25°03'27.81"N	83°02'54.534"E
		C	25°03'25.938"N	83°02'54.342"E
		D	25°01'59.024"N	83°01'54.888"E
		E	25°03'25.206"N	83°02'53.448"E
		F	25°03'25.182"N	83°02'50.016"E
15.	Total Geological Reserves	298816 m ³		
16.	Total Mineable Reserve in LOI/Mine Plan	113448 m ³		
17.	Total Proposed Production	10100 m ³ /year		
18.	Proposed Production /year	10100 m ³ /year		
19.	Sanctioned Period of Mine lease	20 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	20		
25.	No. of vehicles movement/day	3		
26.	Type of Land	Revenue land		
27.	Ultimate of Depth of Mining	24m		
28.	Nearest metalled road from site	280m		
29.	Water Requirement	PURPOSE	REQUIREMENT (KLD)	
		Drinking	0.6 KLD	

Minutes of 588th SEAC-1 Meeting Dated 02/11/2021

		Suppression of dust	1.1 KLD
		Plantation	0.75 KLD
		Others (if any)	-
		Total	2.45 KLD
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Green Enviro Engineers Pvt. Ltd. Certificate no. NABET/EIA/2124/IA0086 Valid Till September 20,2024	
31.	Any litigation pending against the project or land in any court	No	
32.	Details of 500 m Cluster Certificate verified by Mining Officer	420/khanij/2020	
33.	Details of Lease Area in approved DSR	1.01 ha.	
34.	Proposed CER cost	0.80 lakh	
35.	Proposed EMP cost	Total project cost-40 lakh	
36.	Length and breadth of Haul Road	280m & 6m	
37.	No. of Trees to be Planted	150	

5. The mining would be restricted to the unsaturated zone only above the phreatic water table and will not intersect the groundwater table at any point in time.
6. The mining operation will not be carried out in the safety zone of any bridge or embankment or eco-fragile zone such as the habitat of any wild fauna.
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 the grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-1 to the minutes. The committee also stipulated the following specific conditions:

1. The project proponent shall install solar light in their site office.
2. During the submission of 6 monthly compliance reports, the project proponent should make sure that the periodically taken site photographs should also be annexed along with the compliance report.
3. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
4. The maximum height of the bench should be 06 meters and the width of the bench should be at least twice the height of the bench as per the mine plan approval letter by DGM, U.P
5. In case the blasting is proposed during a mining operation, the project proponent needs to assess its impact on the displacement of human beings/wild animals/birds/other species, and the suitable measures proposed and taken for their rehabilitation and resettlement need to be clearly described in first 6 monthly compliance report.
6. The project proponent shall submit a final mine closure plan/Exit protocol for rehabilitation of mined-out land to match its surrounding land use 3 years before the closure of the mine to SEIAA, UP and Department of Mines and Geology, UP for approval. The project proponent shall ensure the implementation of the approved plan under the supervision of the Dept. of Mines and Geology.
7. The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flow from the quarry area. The surface runoff rainwater harvesting and other water conservation measures on a long-term basis are to be taken in consultation with the Central/State Groundwater Board. The water so collected should be utilized for watering the haulage area, roads, and green belt development, etc.
8. The project proponent shall take all suitable measures to prevent pollution of groundwater and nearby water bodies in consultation with the State Pollution Control Board and consent to operate (if

Minutes of 588th SEAC-1 Meeting Dated 02/11/2021

applicable) should be obtained from the State Pollution Control Board before the start of production from the mine.

9. Link Road from the quarry site to the main road shall be constructed as an all-weather road with blacktopping and maintained by the project proponent.
10. Vehicular emissions should be kept under control and regularly monitored. Suitable measures shall be taken for proper maintenance of vehicles used in a quarry operation and transportation. The project proponent should explore the possibilities of rainwater harvesting.

7. Stone Mining at Araj No.-428, Village-Dhuria, Tehsil- Chunar, Mirzapur, Shri Lal Bihari Yadav, Area -0.809 ha. File No. 6088/Proposal No. SIA/UP/MIN/59519/2020

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

1. The environmental clearance is sought for Building Stone (Sandstone) Mining at Araj/Gata no.-428, Village-Dhuria, Tehsil-Chunar, District-Mirzapur, U.P., (Leased Area-0.809 ha.)
2. The terms of reference in the matter were issued by SEIAA, U.P. Ref. No.: 731/Parya/SEAC/ 6088 / 2019 dated 15/01/2021.
3. The public hearing was organized on 16/06/2021. Final EIA report submitted on 08/09/2021.
4. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/59519/2020															
2.	File No. allotted by SEIAA, UP	6088															
3.	Name of Proponent	Shri Lal Bihari Yadav S/o Shri Shiv Yadav															
4.	Full correspondence address of proponent and mobile no.	Shri Lal Bihari Yadav R/o village- Patti Kalan, Tehsil- Chunar, Mirzapur. Mobile no.- E-mail Id- lalbihariyadav5418@gmail.com															
5.	Name of Project	Building Stone (Sandstone) Mining Village óDhuria, Tehsil-Chunar, DistrictóMirzapur, Uttar Pradesh															
6.	Project Location (Plot.Khasra/Gata No.)	Gata No. 6428, Village óDhuria, Tehsil-Chunar, DistrictóMirzapur, Uttar Pradesh															
7.	Name of River	NA															
8.	Name of Village	Dhuria															
9.	Tehsil	Chunar															
10.	District	Mirzapur															
11.	Name of Minor Mineral	Building Stone(Sandstone) Mining															
12.	Sanctioned Lease Area (in Ha.)	0.809 ha.															
13.	Max. & Min mRL within lease area	Highest mRL is 131.9 & Lowest is 123.1															
14.	Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th>Pillars</th><th>N</th><th>E</th></tr> </thead> <tbody> <tr> <td>A</td><td>25° 02'20.7"N</td><td>83°03'13.6"E</td></tr> <tr> <td>B</td><td>25° 02'18.6"N</td><td>83°03'13.6"E</td></tr> <tr> <td>C</td><td>25° 02'18.3"N</td><td>83°03'8.9"E</td></tr> <tr> <td>D</td><td>25° 02'21.1"N</td><td>83°03'8.7"E</td></tr> </tbody> </table>	Pillars	N	E	A	25° 02'20.7"N	83°03'13.6"E	B	25° 02'18.6"N	83°03'13.6"E	C	25° 02'18.3"N	83°03'8.9"E	D	25° 02'21.1"N	83°03'8.7"E
Pillars	N	E															
A	25° 02'20.7"N	83°03'13.6"E															
B	25° 02'18.6"N	83°03'13.6"E															
C	25° 02'18.3"N	83°03'8.9"E															
D	25° 02'21.1"N	83°03'8.7"E															
15.	Total Geological Reserves	335992 m ³															
16.	Total Mineable Reserve (as per Approve Mine Plan)	153864 m ³															
17.	Total Proposed Production	8090 m ³ /year															

Minutes of 588th SEAC-1 Meeting Dated 02/11/2021

18.	Proposed Production /year	8090 m ³ /year	
19.	Sanctioned Period of Mine lease	20 years	
20.	Production of mine/day	27 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	21	
25.	No. of vehicles movement/day	4	
26.	Type of Land	Revenue land	
27.	Ultimate of Depth of Mining	24m	
28.	Nearest metalled road from site	1.2km	
29.	Water Requirement	PURPOSE	REQUIREMENT (KLD)
		Drinking	0.63 KLD
		Suppression of dust	4.8 KLD
		Plantation	0.5 KLD
		Others (if any)	-
		Total	5.93 KLD
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Green Enviro Engineers Pvt. Ltd. Certificate no. NABET/EIA/2124/IA0086 Valid Till September 20,2024	
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. 1193/khanij/2020	
33.	Details of Lease Area in approved DSR	0.809 ha.	
34.	Proposed CER cost	1.76 lakh	
35.	Proposed EMP cost	Total project cost-Rs 88 lakh	
36.	Length and breadth of Haul Road	1.2km & 6m	
37.	No. of Trees to be Planted	150	

- The mining would be restricted to the unsaturated zone only above the phreatic water table and will not intersect the groundwater table at any point in time.
- The mining operation will not be carried out in the safety zone of any bridge or embankment or eco-fragile zone such as the habitat of any wild fauna.
- There is no litigation pending in any court regarding this project.
- The project proposal falls under category 61(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-07

The committee discussed the matter and recommended the grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-1 to the minutes. The committee also stipulated the following specific conditions:

- The project proponent shall install solar light in their site office.
- During the submission of 6 monthly compliance reports, the project proponent should make sure that the periodically taken site photographs should also be annexed along with the compliance report.
- Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
- The maximum height of the bench should be 06 meters and the width of the bench should be at least twice the height of the bench as per the mine plan approval letter by DGM, U.P

Minutes of 588th SEAC-1 Meeting Dated 02/11/2021

5. In case the blasting is proposed during a mining operation, the project proponent needs to assess its impact on the displacement of human beings/wild animals/birds/other species, and the suitable measures proposed and taken for their rehabilitation and resettlement need to be clearly described in first 6 monthly compliance report.
6. The project proponent shall submit a final mine closure plan/Exit protocol for rehabilitation of mined-out land to match its surrounding land use 3 years before the closure of the mine to SEIAA, UP and Department of Mines and Geology, UP for approval. The project proponent shall ensure the implementation of the approved plan under the supervision of the Dept. of Mines and Geology.
7. The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flow from the quarry area. The surface runoff rainwater harvesting and other water conservation measures on a long-term basis are to be taken in consultation with the Central/State Groundwater Board. The water so collected should be utilized for watering the haulage area, roads, and green belt development, etc.
8. The project proponent shall take all suitable measures to prevent pollution of groundwater and nearby water bodies in consultation with the State Pollution Control Board and consent to operate (if applicable) should be obtained from the State Pollution Control Board before the start of production from the mine.
9. Link Road from the quarry site to the main road shall be constructed as an all-weather road with blacktopping and maintained by the project proponent.
10. Vehicular emissions should be kept under control and regularly monitored. Suitable measures shall be taken for proper maintenance of vehicles used in a quarry operation and transportation.
The project proponent should explore the possibilities of rainwater harvesting.

8. Stone Mining at Khasra No./Gata No.-141, Village-Chiraiya, Tehsil- Chunar, Mirzapur, Shri Abhishek Singh, M/s Abhiyaan Infrastructure, area-1.21 ha. File No. 5958/Proposal No. SIA/UP/MIN/57745/2020

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

1. The environmental clearance is sought for Building Stone (Sandstone) Mining at Araj/Gata no.-141, Village-Chiraiya, Tehsil-Chunar, District-Mirzapur, U.P., (Leased Area-1.21 ha.), M/s Abhiyaan Infrastructure.
2. The terms of reference in the matter were issued by SEIAA, U.P. Ref. No.: 746/ Parya/SEAC/ 5958 / 2019 dated 15/01/2021.
3. The public hearing was organized on 16/06/2021. Final EIA report submitted on 08/09/2021.
4. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/57745/2020
2.	File No. allotted by SEIAA, UP	5958
3.	Name of Proponent	M/s Abhiyaan Infrastructure Proponent- Shri Abhishek Singh
4.	Full correspondence address of proponent and mobile no.	Shri Abhishek Singh
		R/o village- Satyanganj, Tehsil- Chunar, Mirzapur.
		Mobile no.- E-mail Id- abhisingh5418@gmail.com
5.	Name of Project	Building Stone (Sandstone) Mine
6.	Project Location (Plot.Khasra/Gata No.)	Gata No. 6141, Village 6Chiraiya, Tehsil- Chunar, District 6Mirzapur, Uttar Pradesh

Minutes of 588th SEAC-1 Meeting Dated 02/11/2021

7.	Name of River	NA																	
8.	Name of Village	Chiraiya																	
9.	Tehsil	Chunar																	
10.	District	Mirzapur																	
11.	Name of Minor Mineral	Building Stone(Sandstone) Mine																	
12.	Sanctioned Lease Area (in Ha.)	1.21 ha.																	
13.	Max. & Min mRL within lease area	Highest mRL is 111.2 & Lowest is 102.0																	
14.	Pillar Coordinates (Verified by DMO)	<table><tr><td>Pillars</td><td>N</td><td>E</td></tr><tr><td>A</td><td>25° 03'50.40"N</td><td>83°00'26.40"E</td></tr><tr><td>B</td><td>25° 03'02.30"N</td><td>83°00'24.70"E</td></tr><tr><td>C</td><td>25° 03'02.50"N</td><td>83°00'20.10"E</td></tr><tr><td>D</td><td>25° 03'05.30"N</td><td>83°00'20.00"E</td></tr></table>			Pillars	N	E	A	25° 03'50.40"N	83°00'26.40"E	B	25° 03'02.30"N	83°00'24.70"E	C	25° 03'02.50"N	83°00'20.10"E	D	25° 03'05.30"N	83°00'20.00"E
Pillars	N	E																	
A	25° 03'50.40"N	83°00'26.40"E																	
B	25° 03'02.30"N	83°00'24.70"E																	
C	25° 03'02.50"N	83°00'20.10"E																	
D	25° 03'05.30"N	83°00'20.00"E																	
15.	Total Geological Reserves	737027 m ³																	
16.	Total Mineable Reserve (as per Approved Mine Plan)	257809 m ³																	
17.	Total Proposed Production	12100 m ³ /year																	
18.	Proposed Production /year	12100 m ³ /year																	
19.	Sanctioned Period of Mine lease	20 years																	
20.	Production of mine/day	40 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	21																	
25.	No. of vehicles movement/day	3																	
26.	Type of Land	Revenue land																	
27.	Ultimate of Depth of Mining	30m																	
28.	Nearest metalled road from site	560m																	
29.	Water Requirement	<table><tr><td>PURPOSE</td><td>REQUIREMENT (KLD)</td></tr><tr><td>Drinking</td><td>0.63 KLD</td></tr><tr><td>Suppression of dust</td><td>2.24 KLD</td></tr><tr><td>Plantation</td><td>0.5 KLD</td></tr><tr><td>Others (if any)</td><td>-</td></tr><tr><td>Total</td><td>3.37 KLD</td></tr></table>			PURPOSE	REQUIREMENT (KLD)	Drinking	0.63 KLD	Suppression of dust	2.24 KLD	Plantation	0.5 KLD	Others (if any)	-	Total	3.37 KLD			
PURPOSE	REQUIREMENT (KLD)																		
Drinking	0.63 KLD																		
Suppression of dust	2.24 KLD																		
Plantation	0.5 KLD																		
Others (if any)	-																		
Total	3.37 KLD																		
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Green Enviro Engineers Pvt. Ltd. Certificate no. NABET/EIA/2124/IA0086 Valid Till September 20,2024																	
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. 669/khanij/2020																	
33.	Details of Lease Area in approved DSR	1.21 ha.																	
34.	Proposed CER cost	1.56 lakh																	
35.	Proposed EMP cost	Total project cost-78 lakh																	
36.	Length and breadth of Haul Road	560m & 6m																	
37.	No. of Trees to be Planted	200																	

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

6. The mining operation will not be carried out in the safety zone of any bridge or embankment or eco-fragile zone such as the habitat of any wild fauna.
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 the grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-1 to the minutes. The committee also stipulated the following specific conditions:

1. The project proponent shall install solar light in their site office.
2. During the submission of 6 monthly compliance reports, the project proponent should make sure that the periodically taken site photographs should also be annexed along with the compliance report.
3. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
4. The maximum height of the bench should be 06 meters and the width of the bench should be at least twice the height of the bench as per the mine plan approval letter by DGM, U.P
5. In case the blasting is proposed during a mining operation, the project proponent needs to assess its impact on the displacement of human beings/wild animals/birds/other species, and the suitable measures proposed and taken for their rehabilitation and resettlement need to be clearly described in first 6 monthly compliance report.
6. The project proponent shall submit a final mine closure plan/Exit protocol for rehabilitation of mined-out land to match its surrounding land use 3 years before the closure of the mine to SEIAA, UP and Department of Mines and Geology, UP for approval. The project proponent shall ensure the implementation of the approved plan under the supervision of the Dept. of Mines and Geology.
7. The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flow from the quarry area. The surface runoff rainwater harvesting and other water conservation measures on a long-term basis are to be taken in consultation with the Central/State Groundwater Board. The water so collected should be utilized for watering the haulage area, roads, and green belt development, etc.
8. The project proponent shall take all suitable measures to prevent pollution of groundwater and nearby water bodies in consultation with the State Pollution Control Board and consent to operate (if applicable) should be obtained from the State Pollution Control Board before the start of production from the mine.
9. Link Road from the quarry site to the main road shall be constructed as an all-weather road with blacktopping and maintained by the project proponent.
10. Vehicular emissions should be kept under control and regularly monitored. Suitable measures shall be taken for proper maintenance of vehicles used in a quarry operation and transportation. The project proponent should explore the possibilities of rainwater harvesting.

9. **Sand/Morrum Mining Project from Yamuna River of M/s A.V. Mining and Company located at Gata No.- 21/21, 47/9, 58/27, 54/2, 53/2, 52/2, , Village- Pailani, Tehsil- Pailani, District- Banda, U.P., M/s A.V. Mining and Company, Lease Area-18. File No. 4917/Proposal No. SIA/UP/MIN/222147/2021**

RESOLUTION AGAINST AGENDA NO-09

The SEAC-1 went through the file and documents regarding amendment in mineable reserves mentioned in environmental clearance letter. SEAC-1 deliberated that the project proponent shall submit approvals from Director, Geology and Mining Department, U.P. along with modified approved mining plan.

- 10. Sand Mining from Ken River bed at Khand No.- 30/2, Village- Bhulsi, Tehsil- Maudaha, Hamirpur, U.P., M/s Silvr Mist Retail Pvt. Ltd., Area:36.437. File no. 4100/Proposal No. SIA/UP/MIN/222843/2021**

RESOLUTION AGAINST AGENDA NO-10

The SEAC-1 went through the file and documents regarding amendment in mineable reserves mentioned in environmental clearance letter. SEAC-1 deliberated that the project proponent shall submit approvals from Director, Geology and Mining Department, U.P. along with modified approved mining plan.

Matter with the permission of Chairman:

- 11. Proposed Project “Maha Yogi Guru Gorakhnath Ayush University” at Village-pipri & tarkulha, (Pipri Khata no- 296, 295, 06, 28, 435 & Tarkulha khata no- 272, 10, 273), District- Gorakhpur, U.P. M/s Regional Ayurvedic and Unani Department, Gorakhpur File No. 6656/Proposal No. SIA/UP/MIS/236269/2021**

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

1. The environmental clearance is sought for Proposed Project of Maha Yogi Guru Gorakhnath Ayush University at Village-pipri & tarkulha, (Pipri Khata no- 296, 295, 06, 28, 435 & Tarkulha khata no- 272, 10, 273), District-Gorakhpur, U.P. M/s Regional Ayurvedic and Unani Department, Gorakhpur.
2. Project is spread over area a net plot area of 222182.65 m² (approx. 52.43 acre) and will have total built-up area of 78298.05 m².
3. Proposed Project involves the development of 100 bedded Hospital Block, Admin and Academic block, Sr. & Jr. Residence, Boys and Girls Hostel Block, cottage, E.S.S, S.T.P, U.G.T. etc.
4. Salient features of the project:

Parameters	Description
Plot Area	222182.65 m ² (approx. 52.43 acre)
Khata No.	Khata No. Pipri village - 296, 295, 06, 28, 435, Tarkulha village- 272, 10, 273
Project Cost	INR 190.81 Crores
Built-up Area	78298.05 m ²
Green Area	133992.23 m ² (@63.15 % of plot area)
Population	1000
Water Requirement	119 KLD
Fresh Water Requirement	84.3 KLD
Wastewater Generation	119 KLD (9 KLD ETP+ 110 KLD-STP)
STP Capacity	125 KLD
ETP Capacity	10 KLD
Total Municipal Waste	352 kg/day
Bio-Medical waste	40 kg/day
Power Requirement	5 MVA (UPPCL)
DG Sets	3000 KVA (2 no. 500KVA + 2 no. 1000KVA)

Minutes of 588th SEAC-1 Meeting Dated 02/11/2021

Parking	1200 ECS.
RWH Pits	30

5. Location details:

S. No.	FEATURES	DESCRIPTION	DISTANCE & DIRECTION
1.	Location	Khata No. Pipri village - 296, 295, 06, 28, 435, Tarkulha village- 272, 10, 273 Tehsil ó Gorakhpur (Sadar), District: Gorakhpur, U.P.	
2.	Geographical Co-ordinates	26°54'46.88"N, 83°27'24.21"E 26°54'52.24"N, 83°27'26.64"E 26°54'51.04"N, 83°27'36.77"E 26°54'52.11"N, 83°27'44.44"E 26°54'51.28"N, 83°27'46.37"E 26°54'44.38"N, 83°27'45.70"E 26°54'31.05"N, 83°27'40.97"E 26°54'29.33"N, 83°27'32.10"E 26°54'30.32"N, 83°27'29.68"E 26°54'34.94"N, 83°27'27.65"E 26°54'44.45"N, 83°27'31.48"E	
3.	Connecting road	Project site is well connected with road. This adjacent road (Bhastan Bhathat road) connects site.	In SSE
4.	National Highway	SH-81 SH -64	3.40 km, SE 9 km, N
5.	Nearest Railway Station	Gorakhpur Junction railway station	18.57 km, SW
6.	Airport	Gorakhpur Airport	18.4 km, S

6. Area details of the project:

S. NO.	DESCRIPTION	AREA (m ²)
A	Plot Area	222182.65
B	Proposed Ground Coverage (@ 11.42% of plot area)	24243.19
C	Proposed FAR of the project	77245.96
D	Non FAR approx.	1052.09
E	Total Built-up area(D+E)	78298.05
F	Green Area (@63.15 % of plot area)	133992.23
G	Area Under Roads(@13.40 % of plot area)	28432.5
H	Parking Area(@6.55 % of plot area)	13887.13
I	Paved (@%5.48 of plot area)	11627.6

7. Water requirement details:

Category	Population/Area (m ²) /Capacity	Standard (LPCD)	Water Requirement (KLD)	Fresh Water Requirement (KLD)	Recycled Water requirement(KLD)
Domestic					
Outdoor patients	300	15	4.5	3.15	1.35
Indoor patients , Attendants with IPD patients	100 beds	450	45	32	13
Residential Staff (Jr & Sr. Resident,	300	135	41	27	14

Minutes of 588th SEAC-1 Meeting Dated 02/11/2021

doctors, nurses, etc.)					
Non-Residential Staff (doctors, nurses, etc.)	100	45	4.5	3.15	1.35
Students (Hostel)	100	135	13.5	9	4.5
Laundry	100	100/bed	10	10	
Total Domestic Water Demand			118.5	84.3	34.2
Horticulture	133992.23 m ²	0.85 ltr/ m ²	113		55
Fire Fighting		1% of total water requirement	1		1
DG cooling	3000 KVA	-	5	-	5
Total		-	237.5	84.3	90.4

8. Waste water details:

Category	Total Quantity (KLD)
Effluent generation (Blood bank, OT, e.t.c)	9
Capacity of ETP (1 no of 10 KLD)	10
Recovered water from ETP (90% of Waste water)	8
Category	Total Quantity (KLD)
Domestic water Req.	84.3
Flushing water Req.	34.2
Sewage generation (@90% of the Domestic + 100% flushing water requirement)	110
Capacity of STP (1 no of 125 KLD)	125
Recovered water from STP (90% of Waste water)	100
Total Recycled Waste Water Generated STP	100
Flushing	34
Landscaping	55
Fire Fighting	1
DG cooling	5
HVAC/Construction in nearby areas/road washing/sewer	5

9. Solid waste details:

S. No	Description	Occupancy/Area	kg/capita/day	Total Solid Waste Generation (kg/day)
1.	Outdoor patients	300	@ 0.15 kg/day	45
2.	Indoor patients	100	@ 0.5 kg/day	50
3.	Attendants with IPD patients	100	@ 0.25 kg/day	25
4.	Residential Staff (Jr & Sr. Resident, doctors, nurses, etc.)	300	@ 0.5 kg/day	150
5.	Non-Residential Staff (doctors, nurses, etc.)	100	@ 0.25 kg/day	25
6.	Students (Hostel)	100	@ 0.5 kg/day	50
7.	Landscape Waste	33.11 acres	@ 0.2 kg/acre/day	6.62
	Total Municipal Waste			352 kg/day
8	STP Sludge	200		10
9	ETP Sludge	10		1

	Total Solid Waste		363 kg/day
10	Bio-Medical waste	@ 0.4 kg/bed	40 kg/day

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

RESOLUTION AGAINST AGENDA NO-11

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

Additional Conditions:

1. Oxygen generation plant of adequate capacity must be installed in the hospital premises.
2. Parking space for ambulances shall be exclusively earmarked.
3. Police post shall be provided near emergency.
4. Dedicated power supply to be installed in Operation Theaters and other critical areas.
5. Accommodation for attendants to be provided near indoor nursing wards.
6. Bio medical waste management shall be followed as per The Bio-Medical Waste (Management and Handling) Rules, 2016. Special attention to be given for Mercury waste management and disposal. Authorization certificate is to be obtained from Pollution Board and you cannot hold bio medical waste more than 24 hours.
7. Necessary permissions should be sought for use and safe disposal of radioactive materials. Procedural protocol prescribed by competent authority should be followed for the same.
8. Sewage/other effluents from infectious diseases ward and pathology/laboratory should be treated/disinfected separately prior to ETP.
9. CER should include purchase of ambulance and it should be the part of EMP.
10. Energy conservation measures like installation of LEDs/CFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use LEDs and CFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines / rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible.

Standard Environmental Clearance Conditions prescribed by MoEF&CC:

1. Statutory compliance:
 1. The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
 2. The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightning etc.
 3. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
 4. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
 5. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
 6. The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.
 7. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.

8. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
9. The provisions of the Solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
10. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.
2. Air quality monitoring and preservation:
 1. Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
 2. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
 3. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM25) covering upwind and downwind directions during the construction period.
 4. Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.
 5. Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3 meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
 6. Sand, murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
 7. Wet jet shall be provided for grinding and stone cutting.
 8. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
 9. All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.
 10. The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise mission standards.
 11. The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
 12. For indoor air quality the ventilation provisions as per National Building Code of India.
3. Water quality monitoring and preservation:
 1. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
 2. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
 3. Total fresh water use shall not exceed the proposed requirement as provided in the project details.

4. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
5. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
6. At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
7. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation car washing, thermal cooling, conditioning etc. shall be done.
8. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
9. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
10. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
11. The local bye-law provisions on rain water harvesting should be followed. If local byelaw provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
12. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
13. All recharge should be limited to shallow aquifer.
14. No ground water shall be used during construction phase of the project.
15. Any ground water dewatering should be properly managed and shall conform to the a approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
16. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
17. Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, not related water shall be disposed in to municipal drain.
18. No sewage or untreated effluent water would be discharged through storm water drains.
19. Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
20. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odor problem from STP.

21. Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Centre Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.
4. Noise monitoring and prevention:
 1. Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.
 2. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
 3. Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.
5. Energy Conservation measures:
 1. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
 2. Outdoor and common area lighting shall be LED.
 3. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.
 4. Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
 5. Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.
 6. Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.
6. Waste Management :
 1. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
 2. Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
 3. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
 4. Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.
 5. All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
 6. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
 7. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks,

- hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.
8. Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016. Ready mixed concrete must be used in building construction.
 9. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.
 10. Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.
7. Green Cover:
1. No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
 2. A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
 3. Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
 4. Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.
8. Transport:
1. A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.
 - a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
 - b. Traffic calming measures.
 - c. Proper design of entry and exit points.
 - d. Parking norms as per local regulation.
 2. Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
 3. A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
9. Human health issues :
1. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
 2. For indoor air quality the ventilation provisions as per National Building Code of India.

3. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
4. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
5. Occupational health surveillance of the workers shall be done on a regular basis.
6. A First Aid Room shall be provided in the project both during construction and operations of the project.
10. Corporate Environment Responsibility:
 1. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
 2. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
 3. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
 4. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
11. Miscellaneous:
 1. The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.
 2. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
 3. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
 4. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
 5. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
 6. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
 7. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.

Minutes of 588th SEAC-1 Meeting Dated 02/11/2021

8. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
9. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
10. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
11. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
12. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
13. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
14. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
15. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

Nodal SEAC-1

(Dr. Ajai Mishra)
Member

(Om Prakash Srivastava)
Member

(Dr. Brij Bihari Awasthi)
Member

(Umesh Chandra Sharma)
Member

(Dr. Ratan Kar)
Member

(Rajive Kumar)
Chairman

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

A. General Conditions:

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

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

B. Specific Conditions:

1. At the time of operation, the project proponent will comply with all the guidelines issued by the Government of India/State Govt./District Administration related to Covid-19.
2. This environmental clearance does not create or verify any claim of the applicant on the proposed site/activity.
3. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and the area is less than 05ha, but factually the distance is less than 500 mt, and the mine is located in the cluster of area equal to or more than 05ha, the E.C issued will stand revoked.
4. This environmental clearance shall be subject to a valid lease in favor of the project proponent for the proposed mining proposals. In case, the project proponent does not have a valid lease, this environmental clearance shall automatically become null and void.
5. The Environmental clearance will be co-terminus with the mining lease period/Mining Plan. The Mining plan approved by the Dept. of Mines and Geology shall be strictly implemented and shall not be operated beyond the validity period.
6. Explosive cannot be stored on the site. The Project proponent shall take approval from Chief Controller of Explosive, if applicable for use or storage of explosive or any such materials.
7. A comprehensive EIA including mining areas within 15 K.M. to assess the impact of the mining activity on the surrounding area shall be undertaken and a report submitted to this Authority within one year.
8. No two pits shall be simultaneously worked i.e. before the first is exhausted and reclamation work completed, no mineral bearing area shall be worked.
9. After exhausting the first mine pit and before starting mining operations in the next pit, reclamation and plantation work in the exhausted pit shall be completed to ensure that reclamation, forest cover, and vegetation are visible during the first year of mining operations in the next pit. This process

will follow till the last pit is exhausted. Adequate rehabilitation of mined pit shall be completed before any new ore-bearing area is worked for expansion.

10. An adequate buffer zone shall be maintained between two consecutive mineral-bearing deposits.
11. The sprinkling of water on haul roads to control dust will be ensured by the project proponent.
12. Green belt development shall be carried out considering CPCB guidelines including the selection of plant species and in consultation with the local DFO / Agriculture Department. Herbs and shrubs shall also form a part of the afforestation programme besides tree plantation. The company shall involve local people in the plantation programme. Details of year-wise afforestation programme including rehabilitation of mined-out area shall be submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow every year.
13. Blast vibrations study shall be conducted and an observation report submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and UPPCB within six months. The report shall also include measures for the prevention of blasting associated impact on nearby houses and agricultural fields.
14. Controlled blasting techniques with sequential blasting shall be adopted. The blasting shall be carried out in the daytime only. The project proponent shall ensure prevention of displacement of human beings/wild animals/birds etc. and in case any such displacement is caused due to blasting/mining operation by any chance the project proponent shall take suitable measures for their rehabilitation and resettlement.
15. Appropriate arrangement for shelter and drinking water for the mining workers has to be ensured at the mining site.
16. Maintenance of village roads used for transportation of minerals is to be done by the company/project proponent regularly at its own expenses. The link roads from mining area to main road shall be constructed as all-weather road with black topping and maintained by the project proponent.
17. The surface runoff rain water harvesting/rain water recharge and water conservation measures will be taken by project proponent in consultation with central /State ground water Board .The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flows from the mining area. The supernatant of the siltation basin and rain water harvested water shall be utilized for watering the haulage area, roads and green belt development etc.
18. Status of implementation shall be submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and UP Pollution Control Board within six months and thereafter every year from the next consequent year.
19. The self-environmental audit shall be conducted annually. Every three years third-party environmental audit shall be carried out.
20. Measures for prevention and control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion shall be carried out with geotextile matting or other suitable material, and thick plantations of native trees and shrubs shall be carried out at the dump slopes. Dumps shall be protected by retaining walls.
21. Trenches/garland drains shall be constructed at foot of dumps and coco filters installed at regular intervals to arrest silt from being carried to water bodies. An adequate number of Check Dams and Gully Plugs shall be constructed across seasonal/perennial nallahs if any flowing through the ML area and silts arrested. De silting at regular intervals shall be carried out.
22. Garland drain of appropriate size, gradient, and length shall be constructed for both mine pit and waste dump and sump capacity shall be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity shall also provide an adequate retention period to allow proper settling of silt material. Sedimentation pits shall be constructed at the corners of the garland drains and de silted at regular intervals.

23. Ground and surface water, if any in and near the core zone (within 5.0 km of the lease) shall be regularly monitored for contamination and depletion due to mining activity and records maintained. The monitoring data shall be submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and U.P. Pollution Control Board regularly. Further, monitoring points shall be located between the mine, and drainage in the direction of flow of groundwater shall be set up and records maintained.
24. Fugitive dust generation shall be controlled. Fugitive dust emission shall be regularly monitored at locations of nearest human habitation (including schools and other public amenities located nearest to sources of dust generation as applicable) and records submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and U.P. Pollution Control Board regularly.
25. Baseline data for ambient air quality shall be generated and maintained and RSPM level in ambient air in the nearby human habitation (villages) shall also be monitored along with other parameters.
26. Corporate Environmental Responsibility (CER) shall be by the project proponent and the details of the various heads of expenditure are to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with the installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of the beneficiary and gram Pradhan along with phone number, photographs should be submitted to Directorate as well as to the District Magistrate / Chief Development officers.
27. Transportation of minerals shall be done by covering the trucks with tarpaulin or other suitable mechanisms so that no spillage of mineral/dust takes place.
28. Occupational health and safety measures for the workers including identification of work-related health hazards, training on malaria eradication, HIV, and health effects on exposure to mineral dust, etc. shall be carried out. Periodic monitoring for exposure to respirable mineral dust on the workers shall be conducted and records maintained including the health records of the workers. Awareness programmes for workers on the impact of mining on their health and precautionary measures like the use of personal protective equipment etc. shall be carried out periodically. A review of the impact of various health measures shall be conducted followed by follow-up action wherever required.
29. The project proponent will ensure for employing local people as per requirement, necessary protection measures around the mine pit and waste dump, and garland drain around the mine pit and waste dump.
30. Topsoil / solid waste shall be stacked properly with proper slope and adequate safeguards and shall be utilized for backfilling (wherever applicable) for reclamation and rehabilitation of the mined-out area. Topsoil shall be separately stacked for utilization later for reclamation and shall not be stacked along with overburden.
31. Overburden (OB) shall be stacked at the earmarked dump site(s) only and shall not be kept active for long period. The maximum height of the dump shall not exceed 20 m, each stage shall preferably be of a maximum of 10 m and the overall slope of the dump shall not exceed 35°. The OB dump shall be backfilled. The OB dumps shall be scientifically vegetated with suitable native species to prevent erosion and surface runoff.
32. Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Regional Office, Ministry of Environment & Forests, GoI, Lucknow, and U.P. Pollution Control Board on a six-monthly basis.
33. The slope of the mining bench and ultimate pit limit shall be as per the mining scheme approved by the Indian Bureau of Mines.
34. Permission for the abstraction of groundwater shall be taken from Central Ground Water Board. Regular monitoring of ground and surface water sources for level and quality shall be carried out by establishing a network of existing wells and constructing new piezometers during the mining operation. The monitoring shall be carried out four times in a year i.e., premonsoon (April/May), monsoon (August), post-monsoon (November), and winter (January), and the data thus collected

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