

### **Minutes of 580<sup>th</sup> SEAC-2 Meeting Dated 11/10/2021**

The 580<sup>th</sup> meeting of SEAC-2 was held in hybrid (physical and virtual) through video conferencing in view of the Corona Virus Disease (Covid-19) on 11/10/2021. Following members participated in the meeting:

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

The Chairman welcomed the members to the 580<sup>th</sup> SEAC meeting which was conducted online.

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

**1. Stone Mining at Gata No.-1498, Khand No.-04, Village-Gadiya, Tehsil-Talbehat, Lalitpur, U.P. Leased area-2.023 ha. File No. 6070/Proposal No. SIA/UP/MIN/189930/2020**

The committee noted that the matter was earlier discussed in 553<sup>rd</sup> SEAC meeting dated 29/07/2021 and directed the project proponent to revise the reply submitted while considering the detailed plantation plan with identification of green belt, type and number of plants/trees and their location in consultation with forest department shall be formulated and implemented.

The project proponent submitted their replies vide letter dated 05/08/2021 & 11/10/2021. A presentation was made by the project proponent along with their consultant M/s Environmental Research & Analysis. The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for stone Mining at Gata No.-1498, Khand No.-04, Village-Gadiya, Tehsil-Talbehat, Lalitpur, U.P., (Leased area-2.023 ha.).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/ 189930/2020		
2. File No. allotted by SEIAA, UP	6070		
3. Name of Proponent	Shri Ravraja S/o- Shri Seetal Singh		
4. Full correspondence address of proponent and mobile no.	R/O-village Jugpura, Devragh Road District-lalitpur (U.P.)		
5. Name of Project	Building Stone Khanda-boulder / Gitti-ballast Mining Project		
6. Project location (Plot/Khasra/Gata No.)	Gata No- 1498 (Khand-04),		
7. Name of River	NA		
8. Name of Village	Gadiya		
9. Tehsil	Talbehat		
10. District	Lalitpur (U.P.)		
11. Name of Minor Mineral	Building Stone Khanda-boulder / Gitti-ballast Mining Project		
12. Sanctioned Lease Area (in Ha.)	2.023 Ha.		
13. Mineable Area (in Ha.)	1.561Ha. (safety margin 0.462 Ha)		
14. Zero level mRL	NA		
15. Max. & Min mrl within lease area	Max. & Min 336.5 mRL & 329.0 mRL respectively.		
16. Pillar Coordinates (Verified by DMO)	Pillar	Latitude	Longitude
	A	24°50'42.00"N	78°29'46.43"E
	B	24°50'39.86"N	78°29'50.41"E



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	C	24°50'39.04"N	78°29'49.35"E	
	D	24°50'37.88"N	78°29'50.19"E	
	E	24°50'37.19"N	78°29'48.46"E	
	F	24°50'38.23"N	78°29'47.78"E	
	G	24°50'36.83"N	78°29'45.15"E	
	H	24°50'41.26"N	78°29'43.17"E	
	I	24°50'41.63"N	78°29'46.00"E	
17. Total Geological Reserves	7,55,126 m <sup>3</sup>			
18. Sanction Production as per LOI	30,345 m <sup>3</sup> per year			
19. Total Proposed Production (in five year)	1,51,725 m <sup>3</sup>			
20. Proposed Production/year	30,345 m <sup>3</sup> per year			
21. Sanctioned Period of Mine lease	20 Year			
22. Production of mine/day	101 m <sup>3</sup> day approx.			
23. Method of Mining	Open cast, Semi-Mechanized			
24. No. of working days	300			
25. Working hours/day	8 hours/day			
26. No. Of workers	Approximately 20 workers			
27. No. Of vehicles movement/day	Approximately 12-13 movements per day.(Vehicles such as Truck dumper/tipper, Tractor Trolleys, etc. will be in use)			
28. Type of Land	Government Land(rocky Barren)			
29. Ultimate Depth of Mining	6 m			
30. Nearest metalled road from site	Bansi Banpur bypass road about 1.17 km NNW direction			
31. Water Requirement	PURPOSE		REQUIREMENT (KLD)	
	Drinking		0.30 KLD	
	Suppression of dust		7.2 KLD	
	Plantation		1.0 KLD	
	Others (if any)		-	
	Total		8.5 KLD approx	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/ EIA/ 1922/RA 0200 Valid up to 30 Dec, 2022			
33. Any litigation pending against the project or land in any court	NO			
34. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No- 797/30 Mines/2020-21, Jhansi on Dated 28/11/2020			
35. Details of Lease Area in approved DSR	Amendment Letter No. 7865/ 30Mines/2019-20 on Dated 06/02/2020 Sl.No:08 & Shudhipatra No. - 49/30-Mines/2021-22 on Dated 27/07/2021			
36. Proposed CER cost	Rs 37,81,000/-			
37. Proposed EMP cost/ Total Project cost	Rs. 85,00,000/-			
38. Length and breadth of Haul Road	300 m length and 6 m width			
39. No. of Trees to be Planted	1000			

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

**RESOLUTION AGAINST AGENDA NO-01**

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



2. **Sand/Morum Mining from Dhasan River bed at Gata No.-1419 Kha, Khand No.-01, Villl.-Dhamnaud, The.-Garautha, Jhansi. Area-24.00 Ha. File No. 5860/Proposal No. SIA/UP/MIN/56882/2020**

**RESOLUTION AGAINST AGENDA NO-02**

The Secretariat informed the committee that the above project proposal has already been taken in 571<sup>st</sup> SEAC meeting dated 16/09/2021 and recommended to grant the environmental clearance for the project. Hence, no action is required in the matter at SEAC level.

3. **Sand/Morrur from Yamuna river bed at Gata No.-38, 40, 41 and 42, Khand No.-07, Village-Dadaukhadar, Tehsil-Baberu, Banda., M/s Sri Falgun Giri Mines Area- 12.0 ha. File No. 4789/Proposal No. SIA/UP/MIN/35378/2019**

**RESOLUTION AGAINST AGENDA NO-03**

The committee noted that the matter was earlier listed in 536<sup>th</sup> SEAC meeting dated 06/04/2021 and the project proponent did not appear and also has not submitted the hard copy of the project proposal. Hence, the committee decided to defer the matter. The matter shall be discussed after submission of online information on prescribed portal.

The project proponent vide letter dated 17/09/2021 have requested to listed the project proposal in next SEAC meeting. A presentation was made by the project proponent along with their consultant M/s Paramarsh (Servicing Environment & Development). The committee discussed the matter and directed the project proponent to submit following information:

1. Project proponent should submit exhaustive mitigation plan.
2. Source of drinking water along with MoU between project proponent and water supplier.
3. Plan for mobile toilet and safe disposal of municipal solid waste.

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

4. **Stone Mine at Khasra No./Plot No./Gata No.-3460, Khand No.-17, Village-Koshnakalan, Tehsil-Meja, Prayagraj. Shri Manoj Kumar Singh, Area-1.619 ha. File No. 6355/Proposal No. SIA/UP/MIN/215466/2021**

The committee noted that the matter was earlier listed in 562<sup>nd</sup> SEAC meeting dated 24/08/2021 and directed the project proponent to submit following information:

1. Revised CER Plan with the consultation of District Authority.
2. Detailed plan for dust suppression.
3. Revised plan for safe disposal of municipal solid waste.
4. Plan for vehicular movement.
5. Detailed plantation plan with identification of green belt, type and number of plants/trees and their location in consultation with forest department shall be formulated and implemented.

The project proponent submitted their replies vide letter dated 18/09/2021. A presentation was made by the project proponent along with their consultant M/s Environmental Research & Analysis. The proponent, through the documents submitted and the presentation made informed the committee that:-



1. The environmental clearance is sought for Building Stone (Khanda, Boulder Gitti) mine at Khasra No./Plot No./Gata No.-3460, Khand No.-17, Village- Koshnakalan, Tehsil-Meja, Prayagraj, U.P., (Leased Area-1.619 ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/215466/2021		
2.	File No. allotted by SEIAA, UP	6355		
3.	Name of Proponent	Shri Manoj Kumar Singh		
4.	Full correspondence address of proponent and mobile no.	Manoj Kumar Singh (Prop) S/o Shri Jagdish Singh R/o- Present Add- 70 C/5B/1A, Uttari Lokpur, Naini, Prayagraj. Permanent Add- Village- Koshnakalan, Thana-Manda Tehsil- Meja, District – Prayagraj, Uttar Pradesh.		
		Mobile no. –7007392416		
		E mail ID - mksaldsand@gmail.com		
5.	Name of Project	Environmental Clearance of mining lease of Building Stone (Khanda, Boulder Gitti) mine, at Khasra no. /Plot no./Gata No.- 3460, Khand no. 17, Area 1.619 ha (4.00 Acres) at Village – Koshnakalan, Tehsil- Meja, District- Prayagraj, Uttar Pradesh of Shri Manoj Kumar Singh		
6.	Project Location (Plot. Khasra/Gata No.)	Khasra no. /Plot no./Gata No.- 3460, Khand no. 17		
7.	Name of River	Ganga River – 11.30 Km (N), Belan River - 11.33* Km (S)		
8.	Name of Village	Village – Koshnakalan, Tehsil- Meja, District- Prayagraj, Uttar Pradesh		
9.	Tehsil	Meja		
10.	District	Prayagraj		
11.	Name of Minor Mineral	Building Stone (Khanda, Boulder Gitti)		
12.	Sanctioned Lease Area (in Ha.)	1.619 ha		
13.	Max. & Min mRL within lease area	The highest level is 116.10 mRL The lowest level is 108.05 mRL		
14.	Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude
		A	25°04'20.00"N	82°14'19.90"E
		B	25°04'17.56"N	82°14'23.23"E
		C	25°04'14.82"N	82°14'19.06"E
		D	25°04'16.88"N	82°14'15.86"E
15.	Total Geological Reserves	3,47,310 m <sup>3</sup>		
16.	Total Mineable Reserve	1,25,620 m <sup>3</sup>		
17.	Total Proposed Production	80,950 m <sup>3</sup> (5 Year)		
18.	Proposed Production /year (as per LoI)	16,190 m <sup>3</sup>		
19.	Sanctioned Period of Mine lease	20 years		
20.	Production of mine/day	54 m <sup>3</sup>		
21.	Method of Mining	Opencast semi- mechanized method		
22.	No. of working days	300		
23.	Working hours/day	8		
24.	No. of worker	36		
25.	No. of vehicles movement/day	7		
26.	Type of Land	Govt./Non Forest Land		
27.	Ultimate of Depth of Mining	5.0 m ( For Mining Plan Period )		
28.	Nearest metalled road from site	0.35 km		
29.	Water Requirement	PURPOSE		
		Drinking	- 0.36 KLD	
		Suppression of dust	- 4.2 KLD	
		Plantation	- 0.15 KLD	
		Others (if any)	- 0.00 KLD	
		Total	- 4.71 KLD	



30.	Name of QCI Accredited Consultant with QCI No and period of validity.	Paramarsh Servicing Environment and development NABET/EIA/1821 RA 0120, Valid till – 19/10/2021
31.	Any litigation pending against the project or land in any court	No
32.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No-755/Khanij/2020-2, dated 06/03/2021
33.	Details of Lease Area in approved DSR	Serial no. 08, Page no. 40
34.	Project Cost	1.10 Crore/annum
35.	Proposed CER cost	2.20 lacs/annum
36.	Proposed EMP cost	7.26 lacs
37.	Length and breadth of Haul Road	Length – 0.35 km, Breadth – 6.00 m
38.	No. of Trees to be Planted	150

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

**RESOLUTION AGAINST AGENDA NO-04**

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

- 5. River Bed Sand Mining at Gata No.-01 Kha, 277, Khand No.-02, Village-Teharka, The.-Garautha, Jhansi, M/s Shiv Corporation (India)Ltd.,Area:13.0 ha. File No. 5671/Proposal No. SIA/UP/MIN/53372/2020**

**RESOLUTION AGAINST AGENDA NO-05**

The project proponent through letter dated 11/10/2021 requested to defer the matter in the coming SEAC-2 meeting. The committee discussed the matter and directed to defer the matter as per the request made by the project proponent. The file shall not be treated as pending at SEAC-2. The matter will be discussed only after the submission of the online request on the prescribed online portal.

- 6. Stone Mining at Khasra No.-484, Village-Pattikalan, Tehsil-Chunar, District-Mirzapur, U.P. Shri Abhay Singh, Area-0.933 ha. File No. 5945/Proposal No. SIA/UP/MIN/57498/2020**

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

1. The environmental clearance is sought for Stone Mining at Khasra No.-484, Village-Pattikalan, Tehsil-Chunar, District- Mirzapur, U.P., (Leased Area-0.933 ha.).
2. The terms of reference in the matter were issued by SEIAA, U.P. Ref. No. 751/ Parya/SEAC/ 5945/ 2019, dated 15/01/2021.
3. The public hearing was organized on 09/06/2021. Final EIA report submitted by project proponent on 05/08/2021.



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

1.	On-line proposal No.	SIA/UP/MIN/57498/2020		
2.	File No. allotted by SEIAA, UP	5945		
3.	Name of Proponent	Shri Abhay Singh		
4.	Full correspondence address of proponent and mobile no.	Shri Abhay Singh		
		R/o village- Lalpur, Tehsil- Chunar, Mirzapur.		
		Mobile no.-		
		E-mail Id- <a href="mailto:shriabhaysingh933@gmail.com">shriabhaysingh933@gmail.com</a>		
5.	Name of Project	Building Stone(Sandstone) Mining, Village –Pattikalan, Tehsil-Chunar District–Mirzapur, Uttar Pradesh		
6.	Project Location (Plot.Khasra/Gata No.)	Gata No. –484, Village –Patti Kalan, Tehsil-Chunar, District–Mirzapur, Uttar Pradesh		
7.	Name of River	NA		
8.	Name of Village	Patti Kalan		
9.	Tehsil	Chunar		
10.	District	Mirzapur		
11.	Name of Minor Mineral	Building Stone(Sandstone) Mining		
12.	Sanctioned Lease Area (in Ha.)	0.933 ha.		
13.	Max. & Min mRL within lease area	Highest mRL is 121.5 & Lowest Is 114.6mRL		
14.	Pillar Coordinates (Verified by DMO)	Pillars	N	E
		A	25° 00'20.7"N	83°01'18.9"E
		B	25° 00'24.1"N	83°01'17.3"E
		C	25° 00'24.8"N	83°01'21.5"E
		D	25° 00'22.1"N	83°01'22.4"E
15.	Total Geological Reserves	610296 m <sup>3</sup>		
16.	Total Mineable Reserve (as per approved mine plan)	183627 m <sup>3</sup>		
17.	Total Proposed Production	9330 m <sup>3</sup> /year		
18.	Proposed Production /year	9330 m <sup>3</sup> /year		
19.	Sanctioned Period of Mine lease	0.933 ha.		
20.	Production of mine/day	31 m <sup>3</sup> /day		
21.	Method of Mining	Opencast, Semi-Mechanized		
22.	No. of working days	300		
23.	Working hours/day	8		
24.	No. of worker	21		
25.	No. of vehicles movement/day	3		
26.	Type of Land	Revenue land		
27.	Ultimate of Depth of Mining	30m		
28.	Nearest metalled road from site	360m		
29.	Water Requirement	PURPOSE		REQUIREMENT (KLD)
		Drinking		1.44 KLD
		Suppression of dust		0.63 KLD
		Plantation		0.5 KLD
		Others (if any)		-
		Total		2.57 KLD
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Green Enviro Engineers Pvt. Ltd		
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. 939/khanij/2020		



33.	Details of Lease Area in approved DSR	0.933 ha.
34.	Proposed CER cost	1.2 lakh
35.	Proposed EMP cost	Total project cost-60 lakh
36.	Length and breadth of Haul Road	360m & 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 grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-1 to these minutes.**

**7. Stone Mining at Khasra No.-485 & 486, Village-Patti Kalan, Tehsil- Chunar, Mirzapur, U.P. Smt. Neelam Singh, Area-1.01 ha. File No. 5949/Proposal No. SIA/UP/MIN/57548/2020**

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

1. The environmental clearance is sought for Stone Mining at Araj/Gata no. 485 & 486, Village-Pattikalan, 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. 742/ Parya/SEAC/ 5949/ 2019, dated 15/01/2021.
3. The public hearing was organized on 09/06/2021. Final EIA report submitted by project proponent on 05/08/2021.
4. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/57548/2020
2.	File No. allotted by SEIAA, UP	5949
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- neelamsingh070992@gmail.com
5.	Name of Project	Building Stone (Sandstone) Mining Village –Pattikalan, Tehsil-Chunar, District– Mirzapur, Uttar Pradesh
6.	Project Location (Plot.Khasra/Gata No.)	Gata No. – 485 & 486, Village –Patti Kalan, Tehsil- Chunar, District–Mirzapur, Uttar Pradesh
7.	Name of River	NA
8.	Name of Village	Patti Kalan
9.	Tehsil	Chunar
10.	District	Mirzapur
11.	Name of Minor Mineral	Building Stone (Sandstone) Mining
12.	Sanctioned Lease Area (in Ha.)	1.01 ha.
13.	Max. & Min mRL within lease area	Highest mRL is 122.3 & Lowest Is 120.4mRL



14.	Pillar Coordinates (Verified by DMO)	Pillars	N	E
		A	25° 00'13.8"N	83°01'20.8"E
		B	25° 00'12.3"N	83°01'22.7"E
		C	25° 00'10.3"N	83°01'19.4"E
		D	25° 00'14.0"N	83°01'16.1"E
		E	25° 00'14.7"N	83°01'17.8"E
		F	25° 00'13.1"N	83°01'19.0"E
15.	Total Geological Reserves	637995 m <sup>3</sup>		
16.	Total Mineable Reserve (as per Approved Mine Plan)	172926 m <sup>3</sup>		
17.	Total Proposed Production	10100 m <sup>3</sup> /year		
18.	Proposed Production /year	10100 m <sup>3</sup> /year		
19.	Sanctioned Period of Mine lease	1.01 ha.		
20.	Production of mine/day	34 m <sup>3</sup> /day		
21.	Method of Mining	Opencast, Semi-Mechanized		
22.	No. of working days	300		
23.	Working hours/day	8		
24.	No. of worker	21		
25.	No. of vehicles movement/day	3		
26.	Type of Land	Revenue land		
27.	Ultimate of Depth of Mining	30m		
28.	Nearest metalled road from site	270m		
29.	Water Requirement	PURPOSE		REQUIREMENT (KLD)
		Drinking		0.63 KLD
		Suppression of dust		1.08 KLD
		Plantation		0.5 KLD
		Others (if any)		-
		Total		2.21 KLD
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Green Enviro Engineers Pvt. Ltd.		
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. 946/khanij/2020		
33.	Details of Lease Area in approved DSR	1.01 ha.		
34.	Proposed CER cost	1.18 lakh		
35.	Proposed EMP cost	Total project cost-59 lakh		
36.	Length and breadth of Haul Road	270m & 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-07**

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



**8. Stone Mining at Khasra No.-360, Village-Adhwar, Tehsil-Chunar, District- Mirzapur, U.P., Shri Abhay Singh, Area -1.01 ha. File No. 5983/Proposal No. SIA/UP/MIN/57494/2020**

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

1. The environmental clearance is sought for Stone Mining at Khasra No. 360, Village-Adhwar, 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. 717/ Parya/SEAC/ 5983/ 2019, dated 15/01/2021.
3. The public hearing was organized on 09/06/2021. Final EIA report submitted by project proponent on 05/08/2021.
4. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/57494/2020																		
2.	File No. allotted by SEIAA, UP	5983																		
3.	Name of Proponent	Shri Abhay Singh																		
4.	Full correspondence address of proponent and mobile no.	Shri Abhay Singh R/o village- Lalpur, Tehsil- Chunar, Mirzapur. Mobile no.- E-mail Id- abhaysingh541818@gmail.com																		
5.	Name of Project	Building Stone (Sandstone) Mining, Village – Adhwar, Tehsil-Chunar District–Mirzapur, Uttar Pradesh																		
6.	Project Location (Plot.Khasra/Gata No.)	Gata No. –360, Village –Adhwar, Tehsil-Chunar, District–Mirzapur, Uttar Pradesh																		
7.	Name of River	NA																		
8.	Name of Village	Adhwar																		
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 115.6 & Lowest Is 104.3mRL																		
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° 03'56.5"N</td><td>83°00'03.5"E</td></tr> <tr> <td>B</td><td>25° 03'56.2"N</td><td>83°00'05.1"E</td></tr> <tr> <td>C</td><td>25° 03'55.9"N</td><td>83°00'07.0"E</td></tr> <tr> <td>D</td><td>25° 03'53.9"N</td><td>83°00'03.5"E</td></tr> <tr> <td>E</td><td>25° 03'53.2"N</td><td>83°00'07.8"E</td></tr> </tbody> </table>	Pillars	N	E	A	25° 03'56.5"N	83°00'03.5"E	B	25° 03'56.2"N	83°00'05.1"E	C	25° 03'55.9"N	83°00'07.0"E	D	25° 03'53.9"N	83°00'03.5"E	E	25° 03'53.2"N	83°00'07.8"E
Pillars	N	E																		
A	25° 03'56.5"N	83°00'03.5"E																		
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C	25° 03'55.9"N	83°00'07.0"E																		
D	25° 03'53.9"N	83°00'03.5"E																		
E	25° 03'53.2"N	83°00'07.8"E																		
15.	Total Geological Reserves	648555 m <sup>3</sup>																		
16.	Total Mineable Reserve (as per Approved Mine Plan)	195399 m <sup>3</sup>																		
17.	Total Proposed Production	10100 m <sup>3</sup> /year																		
18.	Proposed Production /year	10100 m <sup>3</sup> /year																		
19.	Sanctioned Period of Mine lease	20 years																		
20.	Production of mine/day	34 m <sup>3</sup> /day																		
21.	Method of Mining	Opencast, Semi-Mechanized																		
22.	No. of working days	300																		
23.	Working hours/day	8																		



24.	No. of worker	21	
25.	No. of vehicles movement/day	3	
26.	Type of Land	Revenue land	
27.	Ultimate of Depth of Mining	35m (upto 78mRL)	
28.	Nearest metalled road from site	680m	
29.	Water Requirement	PURPOSE	REQUIREMENT (KLD)
		Drinking	2.72 KLD
		Suppression of dust	0.63 KLD
		Plantation	0.5 KLD
		Others (if any)	-
		Total	3.85 KLD
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Green Enviro Engineers Pvt. Ltd.	
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. 941	
33.	Details of Lease Area in approved DSR	1.01 ha.	
34.	Proposed CER cost	1.18 lakh	
35.	Proposed EMP cost	Total project cost-59 lakh	
36.	Length and breadth of Haul Road	680m & 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 grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-1 to these minutes.**

### **9. Stone Mining at Arazi No.-170, Village- Sonpur, Tehsil-Chunar, District- Mirzapur, U.P., Shri Gul Vadan., Area-1.21 ha. File No. 5942/Proposal No. SIA/UP/MIN/57452/2020**

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

1. The environmental clearance is sought for Stone Mining at Arazi No.-170, Village- Sonpur, 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. 718/Parya/SEAC/5942/2019, dated 15/12/2021.
3. The public hearing was organized on 31/03/2021. Final EIA report submitted by project proponent on 06/08/2021.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/57452/2020
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**Minutes of 580<sup>th</sup> SEAC-2 Meeting Dated 11/10/2021**

2. File No. allotted by SEIAA, UP	5942		
3. Name of Proponent	Prop. Sh. Gul Vadan S/o Sh. Setu		
4. Full correspondence address of proponent and mobile no.	R/o-Village-Sonpur, Ahraura, Tehsil-Chunar, District Mirzapur (U.P.)		
5. Name of Project	Building Stone (Sand Stone)Mining Project		
6. Project location (Plot/Khasra/Gata No.)	Arazi No. 170		
7. Name of River	NA		
8. Name of Village	Sonpur		
9. Tehsil	Chunar		
10. District	Mirzapur (U.P)		
11. Name of Minor Mineral	Building Stone (Sand Stone)Mining Project		
12. Sanctioned Lease Area (in Ha.)	1.21 ha.		
13. Mineable Area (in Ha.)	1.078 ha.(0.132 Ha safety margin)		
14. Zero level mRL	NA		
15. Max. & Min mrl within lease area	Maximum mRL 121.50 mRL Minimum mRL 109.70 mRL		
16. Pillar Coordinates (Verified by DMO)	Points	Latitude(N)	Longitude(E)
	A	25° 02' 50.5"	82° 58' 56.4"
	B	25° 02' 50.6"	82° 59' 00.6"
	C	25° 02' 50.1"	82° 59' 00.6"
	D	25° 02' 49.9"	82° 58' 57.2"
	E	25° 02' 48.0"	82° 58' 57.3"
	F	25° 02' 48.1"	82° 58' 59.5"
	G	25° 02' 46.6"	82° 59' 01.8"
H	25° 02' 45.8"	82° 58' 55.3"	
17. Total Geological Reserves	236182 m <sup>3</sup> /year		
18. Total Mineable Reserves	12100 m <sup>3</sup> per year as per LOI		
19. Total Proposed Production (in five year)	60500 m <sup>3</sup>		
20. Proposed Production/year	12100 m <sup>3</sup> per year		
21. Sanctioned Period of Mine lease	20 Years		
22. Production of mine/day	-		
23. Method of Mining	Open cast, Manual, Mechanized		
24. No. of working days	300		
25. Working hours/day	8 hours/day		
26. No. Of workers	23		
27. No. Of vehicles movement/day	3-4 Vehicles movement/day		
28. Type of Land	Building Stone (Sand Stone)Mining Project		
29. Ultimate Depth of Mining	6 m		
30. Nearest metalled road from site	MDR-169/Imaliya – Arauna - Chakia Road about 4.96km towards North Direction		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking water	0.33 KLD	
	Suppression of dust	5.28 KLD	
	Plantation	0.60KLD	
	Others (if any)	-	
	Total	6.21 KLD (6.0 KLD approx.)	
32. Name of QCI Accredited Consultant with QCI No And period of validity.	Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/EIA/1922/RA 0200 and Extension valid up to December 30,2022		
33. Any litigation pending against the project or land in any court	No		
34. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 620, Dated 27/8/2020		
35. Details of Lease Area in approved DSR	Page No- 15 SL No- 6		



36. Proposed EMP cost	Rs 26,54,500/-
37. Project cost	Rs 90,00,000/-
38. Length and breadth of Haul Road	220.0 m length and 6.0 m width
39. 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-09**

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

**10. Stone Mining at Araj No.-310, Khand No.03,Village-Dangariyarund, Tehsil- Sadar, Jhansi.,ShriSagarParecha, Area-2.0 ha. File No. 6111/Proposal No. SIA/UP/MIN/59628/2021**

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

1. The environmental clearance is sought for Stone Mining at Araj No.-310, Khand No.03,Village-Dangariyarund, Tehsil- Sadar, Jhansi, U.P. (Leased Area-2.0 ha.).
2. The terms of reference in the matter were issued by SEIAA, U.P. Ref. No. 10/ Parya/SEAC/6111/2019, dated 06/04/2021.
3. The public hearing was organized on 17/07/2021. Final EIA report submitted by project proponent on 17/09/2021.
4. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SEIAA/UP/MIN/59628/2021
2.	File No. allotted by SEIAA, UP	6111
3.	Name of Proponent	Shri Sagar Parecha S/o Shri Rajkumar Parecha
4.	Full correspondence address of proponent and mobile no.	Shri Sagar Parecha R/o 1533/1, Jankipuram, Civil lines, Tehsil & District- Jhansi. <b>Mobile no.- 7755003667</b> <b>E-mail Id- sagarparecha5418@gmail.com</b>
5.	Name of Project	Building Stone (Khanda, Gitti, Boulders/Gitti, ballast)) Mining
6.	Project Location (Plot.Khasra/Gata No.)	Gata No. -310, khand-03, Village – Dangariyarund, Tehsil-Sadar, District–Jhansi, Uttar Pradesh
7.	Name of River	NA
8.	Name of Village	Dangariyarund
9.	Tehsil	Sadar
10.	District	Jhansi
11.	Name of Minor Mineral	Building Stone(Khanda, Gitti, Boulders/Gitti, ballast)) Mining
12.	Sanctioned Lease Area (in Ha.)	2.0 ha.



13.	Max. & Min mRL within lease area	Highest mRL is 272 & Lowest Is 265mRL		
14.	Pillar Coordinates (Verified by DMO)	<b>Pillars</b>	<b>N</b>	<b>E</b>
		A	25° 21'34.20"N	78°31'28.14"E
		B	25° 21'40.48"N	78°31'31.27"E
		C	25° 21'37.48"N	78°31'34.32"E
		D	25° 21'32.59"N	78°31'30.49"E
15.	Total Geological Reserves	437286 m <sup>3</sup>		
16.	Total Mineable Reserve (as per Approve Mine Plan)	322674 m <sup>3</sup>		
17.	Total Proposed Production	60000 m <sup>3</sup> /year		
18.	Proposed Production /year	60000 m <sup>3</sup> /year		
19.	Sanctioned Period of Mine lease	20 years		
20.	Production of mine/day	222 m <sup>3</sup> /day		
21.	Method of Mining	Opencast, Semi-Mechanized		
22.	No. of working days	270		
23.	Working hours/day	8		
24.	No. of worker	38		
25.	No. of vehicles movement/day	25 trips per day		
26.	Type of Land	Revenue land		
27.	Ultimate of Depth of Mining	24m		
28.	Nearest metalled road from site	0.8 km		
29.	Water Requirement	<b>PURPOSE</b>	<b>REQUIREMENT (KLD)</b>	
		Drinking	1.14 KLD	
		Suppression of dust	3.2 KLD	
		Plantation	0.5 KLD	
		Others (if any)	-	
		<b>Total</b>	<b>4.84 KLD</b>	
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Green Enviro Engineers Pvt. Ltd.		
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. 17365/30 mmc/2020-21) on dated 18/12/2020		
33.	Details of Lease Area in approved DSR	2.0 ha.		
34.	Proposed CER cost	3.2 lakhs		
35.	Proposed EMP cost	Total project cost-Rs 1.6 crore		
36.	Length and breadth of Haul Road	0.8 km & 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-10**

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

1. Source of drinking water along with MoU between project proponent and water supplier.



2. Detailed plantation plan with identification of green belt, type and number of plants/trees and their location.
3. Plan for mobile toilet and safe disposal of municipal solid waste.
4. Detailed transportation plan along with its maintenance should be submitted.

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

**11. Stone Mining at Araj No.-01, Village-Ahirupur, Tehsil- Chunar, Mirzapur, U.P., Smt. Ruchi Singh, Area -1.01 ha. File No. 5783/Proposal No. SIA/UP/MIN/50316/2020**

**RESOLUTION AGAINST AGENDA NO-11**

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

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

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

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

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

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

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



Annexure-1

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

**A. General Conditions:**

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



17. The Project Proponent shall inform the Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board regarding the date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.
18. The funds earmarked for environmental protection measures shall be kept in a separate account and shall not be diverted for other purposes. The year-wise expenditure shall be reported to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board
19. The Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board shall monitor compliance with the stipulated conditions. A complete set of documents including Environment Impact Assessment Report, Environmental Management Plan, Public hearing, and other documents information should be given to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board
20. A copy of the environmental clearance shall be submitted by the Project Proponent to the Heads of the Local Bodies, Panchayat, and Municipal Bodies as applicable in the matter.
21. The Project Proponent shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Level Environment Impact Assessment Authority (SEIAA).
22. The Project Proponent has to submit a regular half-yearly compliance report of the stipulated prior environmental clearance terms and conditions in hard and soft copy to the SEIAA, U.P. on 1<sup>st</sup> June and 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 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 (AprilMay), 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.