

Minutes of 816th SEAC-2 Meeting Dated 14/12/2023

The 816th meeting of SEAC-2 was held in the Directorate of Environment, U.P. through dual-mode (physically/virtually) at 10:00 AM on 14/12/2023. Following members participated in the meeting:

- | | | |
|----|-----------------------------|-----------------------------|
| 1. | Dr. Harikesh Bahadur Singh, | Chairman, SEAC-2 |
| 2. | Dr. Amrit Lal Halder, | Member, SEAC-2 |
| 3. | Dr. Dineshwar Prasad Singh, | Member, SEAC-2 (through VC) |
| 4. | Shri Tansar Ullah Khan, | Member, SEAC-2 |
| 5. | Prof. Jaswant Singh, | Member, SEAC-2 |
| 6. | Dr. Shiv Om Singh, | Member, SEAC-2 (through VC) |
| 7. | Shri Ashish Tiwari, | Member Secretary, SEAC-2 |

The Chairman welcomed the members to the 816th SEAC-2 meeting which was conducted via dual-mode (virtually/physically). Nodal Officer, SEAC-2 informed the committee that the agenda has been approved by the Member Secretary, SEAC-2/Director, Directorate of Environment.

1. **“Highway Greens Residential Colony” situated at Khasra No.- 313, 314, 341, 340, 336, 339, 337, 335, 320, 319, 318, 338, 334, 333, 332, 321, 327, 328, 329, 330, 331, 322, 326, 325, 323, 670, 671, 682, 680, 681, 683, 686 and 679, Village – Jaliyamau, Tehsil & District – Lucknow, Shri Vinod Kumar Yadav, M/s Devpuri Construction Pvt. Ltd., 8474/SIA/UP/INFRA2/451539/2023**

RESOLUTION AGAINST AGENDA NO. 01

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

2. **Building Stone (Khanda, Boulder, Ballast) Mining Project at Arajai No. 669 Mi, Khand No-05, Village: Khailar, Tehsil: Sadar, Jhansi, Shri Abhishek Yadav, Area: 2.00 Ha., 8476/SIA/UP/MIN/452371/2023**

RESOLUTION AGAINST AGENDA NO. 02

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

3. **“Silica Sand Mine” at Gata No – part of 522, at Village-Aswan (block 01), Tehsil- Bara, District- Prayagraj, Shri Satyadev Mishra, Shree Bajrang Road Lines, Area – 15.75 ha., 8478/7108/SIA/UP/MIN/449808/2023**

RESOLUTION AGAINST AGENDA NO. 03

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

4. Commercial At Plot No. Sector-A, Pocket-1, At Sushant Golf City Sultanpur Road, Lucknow, Shri Feroz Khan., 8480/SIA/UP/INFRA2/452537/2023

RESOLUTION AGAINST AGENDA NO. 04

The committee noted that the any responsible person from the project proponent side did not present during the meeting. Hence, the committee directed the project proponent to director/any responsible person should present before the SEAC.

The matter will be discussed after receipt of online request on prescribed portal.

5. “Building Stone (Khanda, Gitti, Boulder)” Project at Gata No.- 339 Khand No.- 15 (New), Village- Daharra, Mahoba, Shri Jainendra Singh Contractor, Shri Jainendra Singh, Area : 1.012 ha., 8482/SIA/UP/MIN/452424/2023

The project proponent/consultant informed the committee that the environmental clearance for the above project was issued by District Level Environment Impact Assessment Authority (DEIAA), Mahoba vide its letter no. 182/Parya/DEIAA/Mahoba/2018, dated 01/12/2018 for the leased area 2.50 acres with mining quantity 10,120 cum/year.

Hon’ble National Green Tribunal, New Delhi passed an order dated 07/12/2022 in O.A. No. 142 of 2022 in the matter of Jayant Kumar Vs. Ministry of Environment, Forests and Climate Change. The operative part of order dated 07/12/2022 is as follows:

“...mining leases in which environmental clearance was granted by DEIAA in view of amendment notification dated 15.01.2016 are still continuing even after passing of order dated 13.09.2018 by this Tribunal in Satendra Pandey (supra) and issuance of OM dated 12.12.2018 by MoEF&CC without any re-appraisal by SEIAA and appropriate remedial action on the basis of such re-appraisal. All such mining leases in which environmental clearance was granted by DEIAA need to be brought in consonance with the directions given by Hon’ble Supreme Court in Deepak Kumar (supra) and order dated 13.09.2018 by this Tribunal in Satendra Pandey (supra) by re-appraisal by SEIAA and only such mining leases may be continued which have been on re-appraisal granted environmental clearance by SEIAA. MoEF&CC is, therefore, directed to take appropriate steps for compliance in this regard by issuance of requisite directions in exercise of the statutory powers under the Environment (Protection) Act, 1986. For this purpose, MoEF&CC is directed to collect information regarding such mining leases in which environmental clearance was granted by DEIAA and the period of which has not yet expired and are still continuing in all the States and Union Territories and by issuing appropriate directions for compliance with directions given by Hon’ble Supreme Court in Deepak Kumar (supra) and order dated 13.09.2018 passed by this Tribunal in Satendra Pandey (supra) by re-appraisal for grant of EC by SEIAA.”

In compliance of above Hon’ble NGT order Ministry of Environment, Forests and Climate Change, Govt. of India issued an Officer Memorandum F.No. IA3-22/11/2023-IA.III(E-208230), dated 28/04/2023 wherein:

“...all valid ECs issued by DEIAA shall be reappraised through SEAC/SEIAA in compliance to the order of the Hon’ble NGT in O.A. No. 142 of 2022. In view of above, it is hereby direction that all concerned SEACs shall re-appraise the ECs issued by DEIAAs between 15/01/2016 and 13/09/2018 (including both dates) and all fresh ECs in the regard shall be granted only by SEIAAs based on such appraisal. The exercise shall be completed within a period of one year from the date of issue of this OM. DEIAAs shall transfer all such files where ECs have been granted to concerned SEIAA within a time period of one month from issue of this OM”

As per Office Memorandum dated 28/04/2023 issued by MoEFCC, Govt. of India the project proponent apply under category B-1 for reappraisal of environmental clearance issued by DEIAA on 01/12/2018 and terms of reference application submitted to SEIAA, U.P.

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

1. The terms of reference is sought Building Stone (Khanda, Gitti, Boulder) Mining at Gata No.- 339 Khand No.- 15 (New), Village- Daharra, Tehsil & District- Mahoba, U.P. (Applied Area- 1.012 ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/452424/2023		
2.	File No. allotted by SEIAA, UP	8482		
3.	Name of Proponent	Shri Jainendra Singh Contractor, Prop.- Shri Jainendra Singh S/o Shri Shyam Singh		
4.	Full correspondence address of proponent	R/o- Tikamau, District- Mahoba, U.P.		
5.	Name of Project	Building Stone (Khanda, Gitti, Boulder) Mining Project		
6.	Project location (Plot/ Khasra /Gata No.)	Gata No.- 339 Khand No.- 15 (New)		
7.	Name of Village	Daharra		
8.	Tehsil	Mahoba		
9.	District	Mahoba		
10.	Name of Minor Mineral	Building Stone (Khanda, Gitti, Boulder)		
11.	Sanctioned Lease Area (in Ha.)	1.012 ha.		
12.	Max.& Min mRL within lease area	246 mRL- 203 mRL		
13.	Pillar Coordinates (Verified by DMO)	Pillars	Latitude (N)	Longitude (E)
		A	25° 19' 57.99"N	79° 57' 54.92"E
		B	25° 19' 58.02"N	79° 57' 55.80"E
		C	25° 20' 09.24"N	79° 57' 55.68"E
		D	25° 20' 09.30"N	79° 57' 54.70"E
14.	Total Geological Reserves	1605982 m ³		
15.	Total Mineable Reserves	152582 m ³		
16.	Total Proposed Production (in five year)	50600 m ³		
17.	Proposed Production / year	10120 m ³		
18.	Sanctioned Period of Mine lease	10 Years (05.01.2019 to 04.01.2029)		
19.	Method of Mining	Opencast Semi-Mechanized		
20.	No.Of workers	36 (approx.)		
21.	Type of Land	Govt. revenue land		
22.	Ultimate Depth of Mining	12 meter (average)		
23.	Nearest metalled road from site	100m		
24.	Water Requirement	PURPOSE		REQUIREMENT (KLD)
		Drinking & Others		0.40
		Suppression of dust		0.60
		Plantation		2.00
		Total		3.00
25.	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/2124/RA0224, Validity-01/05/2024		
26.	Any litigation pending against the project or land in any court	No		
27.	Details of 500 m Cluster certificate Verified by Mining Officer	DMO, Mahoba (Khanan Anubhag) vide Letter No. 632/MMC-30/2023-24, Dated 06.07.2023		

28.	Details of Lease Area in approved DSR	Page No.-85, S.No.- 51
29.	Proposed CER cost	1.40 Lakh
30.	Proposed EMP cost	EMP in First Year - 13.80 Lakh EMP (Recurring Years) – 7.05 Lakh
31.	Length and breadth of Haul Road.	Length- 100m, Width- more than 6.0 m
32.	No. of Trees to be Planted	2000
33.	Monitoring Period	Oct., 2023 to Dec., 2023 (Post- Monsoon Season)

3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
4. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
5. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
6. There is no litigation pending in any court regarding this project.
7. The project proposal falls under category–1(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 10/11/2023 mentioning is as follows:

1. I, Pankaj Srivastava S/o Sri V.V. Srivastava am EIA Coordinator of Paramarsh Servicing Environment and Development.
2. I will prepared EIA report for EC in the name of Shri Jainendra Singh Contractor, Prop.- Shri Jainendra Singh S/o Shri Shyam Singh for the Proposed “Building Stone (Khanda, Gitti, Boulder)” Project at Gata No.- 339 Khand No.- 15 (New), Village- Daharra, Tehsil- Mahoba, District- Mahoba, U.P. (Leased Area : 1.012 ha.) with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information submitted along with EIA are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which is submitted after acceptance of application.
7. I state that all the TOR Points will be complied and all the issues raised during Public Hearing will be properly addressed in EIA report.
8. The EIA report for the Proposal will be prepared by my team as per guideline laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 05

The committee discussed the matter and recommended to issue the standard terms of reference for the preparation of EIA as annexed at annexure-2 to the minutes. The committee also stipulated following additional TOR Points:

Additional TOR:

1. Project Proponent submit the certified compliance report from IRO, Lucknow, MoEF&CC, for the environmental clearance issued by DEIAA, Mahoba vide its letter no. 182/Parya/DEIAA/Mahoba/2018, dated 01/12/2018 in favour of respective project proponent.
2. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc. Proprietor/proprietor representative should be present at the time of monitoring and

monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.

3. EIA coordinator & FAE should give a notarized affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
4. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA/SEAC, UP/UPPCB before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
5. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
6. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
7. Combined KML of all mines in a cluster should be submitted at the time of EIA.
8. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
9. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
10. Proponent/Consultant should submit the action plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
11. Proposed plantation working plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
12. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.
13. Proponent/consultant shall present TOR specific/additional conditions compliance, observation/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound plan at the time of EIA presentation.
14. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
15. Proponent to submit latest status of project site along with the site photographs and also provide mined minerals record of the respective project site at the time of EIA presentation.

6. Soil Mining Project Gata No.- 560/975mi, 583, 510, Village Tiulak, Tehsil Shahjahanpur, District- Shahjahanpur, Shri Kant Verma, M/s Shri Shyamji Enterprises, Area- 0.822 ha., 8486/SIA/UP/MIN/452649/2023

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

1. The environmental clearance is sought for Soil Mining Project Gata No.- 560/975mi, 583, 510, Village Tiulak, Tehsil Shahjahanpur, District- Shahjahanpur, U.P., M/s Shri Shyamji Enterprises, (Leased Area: 0.822 Ha.).
2. Salient features of the project as submitted by the project proponent:

On-line proposal No.	SIA/UP/MIN/452649/2023
File No .allotted by SEIAA,UP	8486

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Name of Proponent	M/S Shri Shyamji Enterprises Prop. Shri kant Verma		
Registered Address	Nizampur Gautiya, Shahbaznagar District- Shahjahanpur, U.P		
Full correspondence address of proponent and mobile no.	M/S Shri Shyamji Enterprises Prop. Shri kant Verma Nizampur Gautiya, Shahbaznagar District- Shahjahanpur, U.P		
	shrishyamjienter@gmail.com		
Name of Project	Tiulak Soil Mining Project		
Project location (Plot/ Khasra /Gata No.)	Khasra No- 560/795mi, 583, 510		
Name of Village	Tiulak,		
Tehsil	Sadar		
District	Shahjahanpur		
Name of Minor Mineral	Ordinary soil		
Total Area (in Ha.)	0.822 ha		
Mineable Area (in Ha.)	0.7809 ha		
Pillar Coordinates(Verified by OMO)		Latitude	Latitude
		560/795mi	
	A	27°55'13.40"N	79°58'2.82"E
	B	27°55'12.30"N	79°58'4.37"E
	C	27°55'10.77"N	79°58'2.83"E
	D	27°55'11.81"N	79°58'1.33"E
		583	
	A	27°55'12.46"N	79°57'47.83"E
	B	27°55'11.29"N	79°57'49.10"E
	C	27°55'10.22"N	79°57'47.78"E
	D	27°55'11.46"N	79°57'46.49"E
		510	
	A	27°55'6.43"N	79°57'40.70"E
	B	27°55'5.58"N	79°57'41.57"E
	C	27°55'4.34"N	79°57'40.10"E
	D	27°55'5.06"N	79°57'39.17"E
Period of agreement between Project proponent & Land Owner	1 year		
Mine Plan approval details	Letter No. 290/Khanan Anubhag/2023 dated 09/11/2023		
Validity of Mine Plan	6 months		
Total Proposed Production (6 months)	28736 tons /17960 cum		
Proposed Production/year	The project is only for 6 months		
Method of Mining	Semi-Mechanized Opencast		
No.of workers	15		
Type of Land	Pvt. Land (Agriculture)		
Ultimate Depth of Mining	2.5 Meter		
Water Requirement	Purpose	Requirement (kld)	
	Drinking and domestic	3.6	
	Suppression of dust	0.475	
	Plantation	1.5	
	Others(if any)	--	
	Total	5.575	
Name of QCI Accredited Consultant with QCI No and period of validity.	Rian enviro Private Limited 202, 204, Mangal market, Raza Bazar Sheikhpura Patna, Bihar Valid till: 10/03/2024		
Any litigation pending against the project or land in any court	No		
Areas which are important or sensitive for ecological reasons – Wetlands, watercourses or other water bodies,	Khanaut River	about 0.5 km away in W direction	
	Garra River	about 9 km away in W direction	

coastal zone, biospheres, mountains, forests, protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, migration	Canal	about 8 km away in NE direction
Areas occupied by sensitive manmade land uses (hospitals, schools, places of worship, community facilities)	JP Public School Kendriya Vidhyalay Urmila Devi School Shiv temple Hnaumat Dham K.K Hospital Al Shifa Hospital Nipun Hospital	About 3 km in E direction About 3 km in SW direction About 5 km in SE direction About 7 km in SW Direction About 8 km in S Direction About 4 km in W Direction About 5 km in W Direction About 7 km in SW Direction
Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 295/Khanan Anubhag/2023 dated 09/11/2023	
Proposed CER cost	0.30 Lakh	
Proposed EMP cost	0.75 Lakh	
No. of Trees to be Planted	750	
Detail of CTE issued by UPPCB (for brick kiln project)	NA	

3. Action Plan as per Ministry's O.M. dated 30/09/2020:

Sr. No.	Environment Management	No. of plants	Total Cost (Rs.)	
			Capital	Recurring
A.	Plantation			
	No. of plants @ 40Rs/sapling	750 saplings	30,000	6,000
	Water Demand for plantation	1.5 KLD	--	15,000
	Tree Guard @80 Rs/Plant	750 saplings	60,000	37,500
B.	Air Pollution Control		--	--
	Sprinkling on Mining Site haulage route	3.6 KLD	--	40,000
C.	Mobile Toilets @ Rs 15000/per toilet	2 Toilets	30,000	15,000
D.	Colour Coded dustbins @ 1500/set	3 sets	4,500	--
E.	Personal Protective equipment		25,000	--
TOTAL			1,49,500	1,13,500

Note : The above action plan will be implemented during project implementation phase. Zero date will start from the date of start for the proposed project.

- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- There is no litigation pending in any court regarding this project.
- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 13/12/2023 mentioning is as follows:

- I Sumit Verma, S/o Shri Kamal Nath Verma is EIA Coordinator of M/s Rian Enviro Pvt. Ltd, Bihar.
- I have prepared EIA/EMP (B2 project) for the proposal (EC) in the Name of Tiulak Soil Mining Project with my team.
- I have personally visited the site of proposal and certify that no Mining/construction activity has been undertaken on the project site for the present proposal.

4. I have satisfied with that all the necessary data/information required for EMP preparations are true and correct.
5. I certify that this project has been uploaded for the first time on Parivesh Portal. In case the project has been uploaded for the 2nd time that is only after the withdrawal of previous project has been accepted by SEIAA, UP on Parivesh Portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. The EMP (B2 project) report for the proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 06

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-3 to these minutes.

7. “Granite Gitti, Khanda/ Boulder” Project at Gata No.- Khand No.- 1078 / 21, Village-Gonda, Tehsil- Karwi, District- Chitrakoot, Shri Naveen Kumar Gupta, Area : 1.417 ha., 8488/SIA/UP/MIN/452663/2023

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

1. The terms of reference is sought Granite Gitti, Khanda/ Boulder Mining at Gata No./ Khand No.- 1078 / 21, Village- Gonda, Tehsil- Karwi, District- Chitrakoot, U.P. (Applied Area- 1.417 ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/452663/2023															
2.	File No. allotted by SEIAA, UP	8488															
3.	Name of Proponent	Shri Naveen Kumar Gupta S/o Shri Madan Mohan															
4.	Full correspondence address of proponent	R/o- 82 Badausa Road, Damuganj, Atarra, Distt.- Banda, U.P. 210201															
5.	Name of Project	Granite Gitti, Khanda/ Boulder Mining Project															
6.	Project location (Plot/ Khasra /Gata No.)	Gata No./ Khand No.- 1078 / 21															
7.	Name of Village	Gonda															
8.	Tehsil	Karwi															
9.	District	Chitrakoot															
10.	Name of Minor Mineral	Granite Gitti, Khanda/ Boulder															
11.	Sanctioned Lease Area (in Ha.)	1.417 ha.															
12.	Max.& Min mRL within lease area	238 mRL- 199 mRL															
13.	Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th>Pillars</th><th>Latitude (N)</th><th>Longitude (E)</th></tr> </thead> <tbody> <tr> <td>A</td><td>25° 12.187'N</td><td>80° 44.279'E</td></tr> <tr> <td>B</td><td>25° 12.145'N</td><td>80° 44.411'E</td></tr> <tr> <td>C</td><td>25° 12.120'N</td><td>80° 44.395'E</td></tr> <tr> <td>D</td><td>25° 12.161'N</td><td>80° 44.269'E</td></tr> </tbody> </table>	Pillars	Latitude (N)	Longitude (E)	A	25° 12.187'N	80° 44.279'E	B	25° 12.145'N	80° 44.411'E	C	25° 12.120'N	80° 44.395'E	D	25° 12.161'N	80° 44.269'E
Pillars	Latitude (N)	Longitude (E)															
A	25° 12.187'N	80° 44.279'E															
B	25° 12.145'N	80° 44.411'E															
C	25° 12.120'N	80° 44.395'E															
D	25° 12.161'N	80° 44.269'E															
14.	Total Geological Reserves	1627732 m ³															
15.	Total Mineable Reserves	247647 m ³															
16.	Total Proposed Production (in five year)	212550 m ³															
17.	Proposed Production / year	42510 m ³															
18.	Sanctioned Period of Mine lease	10 Years or Maximum 20 Years															

19.	Method of Mining	Opencast Semi-Mechanized	
20.	No.Of workers	38 (approx.)	
21.	Type of Land	Govt. revenue land	
22.	Ultimate Depth of Mining	30 meter (average)	
23.	Nearest metalled road from site	500m	
24.	Water Requirement	PURPOSE	REQUIREMENT (KLD)
		Drinking & Others	0.40
		Suppression of dust	3.00
		Plantation	2.00
		Total	5.40
25.	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/2124/RA0224, Validity-01/05/2024	
26.	Any litigation pending against the project or land in any court	No	
27.	Details of 500 m Cluster certificate Verified by Mining Officer	DMO, Chitrakoot (Khanan Anubhag) vide Letter No. 2023/Khanij/2023-24, Dated 26.07.2023	
28.	Details of Lease Area in approved DSR	Page No.-29, Table No.- 17, S.No.- 2	
29.	Proposed CER cost	1.40 Lakh	
30.	Proposed EMP cost	EMP in First Year - 13.80 Lakh EMP (Recurring Years) – 7.05 Lakh	
31.	Length and breadth of Haul Road.	Length- 500m, Width- more than 6.0 m	
32.	No. of Trees to be Planted	2000	
33.	Monitoring Period	Oct. to Dec. 2022	

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

The consultant (EIA Coordinator) also submitted an affidavit dated 30/10/2023 mentioning is as follows:

- I, Pankaj Srivastava S/o Sri V.V. Srivastava am EIA Coordinator of Paramarsh Servicing Environment and Development.
- I will prepared EIA report for EC in the name of Shri Naveen Kumar Gupta S/o Shri Madan Mohan for the Proposed “Granite Gitti, Khanda/ Boulder” Project at Gata No./ Khand No.- 1078 / 21, Village- Gonda, Tehsil- Karwi, District- Chitrakoot, U.P. (Applied Area : 1.417 ha.) with my team.
- I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
- I am satisfied with that all the necessary data/information submitted along with EIA are true and correct.
- I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
- I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which is submitted after acceptance of application.
- I state that all the TOR Points will be complied and all the issues raised during Public Hearing will be properly addressed in EIA report.
- The EIA report for the Proposal will be prepared by my team as per guideline laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 07

The committee discussed the matter and recommended to issue the standard terms of reference for the preparation of EIA as annexed at annexure-2 to the minutes. The committee also stipulated following additional TOR Points:

Additional TOR:

1. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc. Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.
2. EIA coordinator & FAE should give a notarized affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
3. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA/SEAC, UP/UPPCB before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
4. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
5. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
6. Combined KML of all mines in a cluster should be submitted at the time of EIA.
7. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
8. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
9. Proponent/Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
10. Proposed plantation working plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
11. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.
12. Proponent/consultant shall present TOR specific/additional conditions compliance, observation/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound plan at the time of EIA presentation.
13. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
14. Proponent to submit latest status of project site along with the site photographs and also provide mined minerals record of the respective project site at the time of EIA presentation.

8. **“Building Stone Boulder-Khanda-Ballast Mining Project” located at Gata No.- 683 MI, 1189, Village- Digra, Tehsil- Sadar & Jhansi, Shri Mahendra Kumar Saraogi., 8490/SIA/UP/MIN/452688/2023**

RESOLUTION AGAINST AGENDA NO. 08

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

9. **“Building Stone As Khanda, Boulder, Ballast Mine” located at Araj No.- 8, 10, Village- Dimroni, Tehsil – Sadar, District: Jhansi, Shri Anurag Singh Yadav, Area- 0.809 ha., 8492/SIA/UP/MIN/451871/2023**

RESOLUTION AGAINST AGENDA NO. 09

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

10. **“Ordinary Earth Excavation Project” at Gata No.-796, Village: Dhatingara, Tehsil: Bakshi Ka Talab, District- Lucknow, Shri Shiv Baran, Area: 0.3955 Ha., 8494/SIA/UP/MIN/452785/2023**

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, Kanpur. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for “Ordinary Earth Excavation Project” at Gata No.-796, Village: Dhatingara, Tehsil: Bakshi Ka Talab, District- Lucknow, (Leased Area: 0.3955 Ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/452785/2023	
2.	File No. allotted by SEIAA, UP	8494	
3.	Name of Proponent	Shri Shiv Baran Yadav S/o Shri Kali Charan	
4.	Full correspondence address of Proponent	Add.-Village-Samadhanpur, Tehsil- Bakshi Ka Talab, Lucknow, Uttar Pradesh-226201	
5.	Name of Project	Ordinary Earth/Soil Excavation/Mining Project	
6.	Project Location (Plot. Khasra/Gata No.)	796	
7.	Name of Village	Dhatingara	
8.	Tehsil	Bakshi Ka Talab	
9.	District	Lucknow	
10.	Name of Minor Mineral	Ordinary Earth/Soil	
11.	Sanctioned Lease Area (in Ha.)	0.3955	
12.	Max. & Min mRL within lease area	The highest level is 116.0mRL The lowest level is 113.8 mRL	
13.	Pillar Coordinates (Verified by DMO)	Gata	Pillar Latitude, Longitude
		796	A/ 26°58'21.28"N 80°52'10.36"E
			B/ 26°58'22.42"N 80°52'9.50"E
			C/ 26°58'23.54"N 80°52'10.79"E
			D/ 26°58'22.54"N 80°52'11.89"E
14.	Total Geological Reserves	8701 m ³	
15.	Total Mineable Reserve	7146 m ³	

16.	Total Proposed Production (in five year)	7146 m ³ only for 3.0 Months period
17.	Proposed Production /year	NA
18.	Sanctioned Period of Mine lease	3 Months
19.	No. of worker	5
20.	Type of Land	Private land./Non Forest Land
21.	Ultimate of Depth of Mining	2.20 m (as per Mining Plan)
22.	Nearest metalled road from site	0.24 km
23.	Water Requirement	PURPOSE
		Drinking - 0.025 KLD
		Suppression of dust - 1.440 KLD
		Plantation - 0.025 KLD
		Others (if any) - 0.00 KLD
		Total - 1.49 KLD
24.	Name of QCI Accredited Consultant with QCI No and period of validity.	Green Enviro Engineers Pvt. Ltd, Kanpur NABET/EIA/2124/IA0086 Valid till – 20/09/2024
25.	Any litigation pending against the project or land in any court	No
26.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No.-29, Dated-18-11-2023
27.	Details of Lease Area in approved DSR	NA
28.	Proposed EMP cost	0.51 Lacs
29.	Length and breadth of Haul Road	Length-240 m, Breadth-6 m
30.	No. of Trees to be Planted	5
31.	Monitoring Period	NA

3. Action Plan as per Ministry's O.M. dated 30/09/2020:

S. No.	Description	Unit	Total Cost (Rs.)
Expenditure on Environment Protection & Environment Management			
1.	Water Sprinkling on Haulage Road for Dust Suppression	Assuming Rs.500/day for 90days of working Tanker Capacity: 5000 liter, No. of Tankers required: 1	45,000
2.	Plantation (5 Plant Proposed)	Rs100/sample and Rs500/-Cemented Plant Guard per Plant	3,000
	Post Plantation Care.	@500/sampling	2,500
3.	Tarpaulin (Maintenance Cost)	Rs500/Tarpaulin Sheet for 1 Sheet	500
Total Environment Protection & Management Cost			Rs.-51,000 Or 0.51 Lakh
Note : The above action plan will be implemented during project implementation phase. Zero date will start from the date of start for the proposed project.			

- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- There is no litigation pending in any court regarding this project.
- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 12/12/2023 mentioning is as follows:

- I Chandrashekhar Ajad S/o Shri Radhey Shyam is EIA Coordinator of M/s Green Enviro Engineers Pvt. Ltd, Kanpur.
- I have prepared EMP report for the proposal (EC) in File No.-8494, Proposal No.-SIA/UP/MIN/452785/2023, Name- Shri Shiv Baran Yadav S/o Shri Kali Charan, Add.-Village-Samadhanpur, Tehsil- Bakshi Ka Talab, Lucknow, Uttar Pradesh-226201 of "Ordinary Earth/Soil

Excavation/mining Project” located at Gata No.-796 in Village: Dhatingara, Tehsil: Bakshi Ka Talab, District- Lucknow, Uttar Pradesh” with my team.

3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I have satisfied with that all the necessary data/information required for EMP preparations are true and correct.
5. I certify that this project has been uploaded for the first time on Parivesh Portal. In case the project has been uploaded for the 2nd time that is only after the withdrawal of previous project has been accepted by SEIAA, UP on Parivesh Portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. The EMP report for the proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 10

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-3 to these minutes.

11. “Morrum Mining” from private land (NijiBhoomi) at Arazi No. 166 Kh, Village- Nagwa, Tehsil- Dudhi, District- Sonbhadra, Smt Malti Devi, Area- 1.30 ha., 8496/SIA/UP/MIN/452847/2023

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

1. The environmental clearance is sought for Morrum Mine at Arazi No. 166 Kh, Area 1.30 ha in Village- Nagwa, Tehsil- Dudhi, District- Sonbhadra, U.P., (Leased Area 1.30 ha).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/ 452847/2023									
2.	File No. allotted by SEIAA, UP	8496									
3.	Name of Proponent	Prop. Smt Malti Devi									
4.	Full correspondence address of proponent and mobile No.	R/o Samrat Bhawan, Vikash Nagar Tehsil Robertsganj District -Sonbhadra (U.P.)									
		Mobile No-									
		Email-									
5.	Name of Project	Nagwa Morrum Mining project									
6.	Project location (Plot/Khasra/Gata No.)	Arazi No. 166 Kh									
7.	Name of Village	Nagwa									
8.	Tehsil	Dudhi									
9.	District	Sonbhadra									
10.	Name of Minor Mineral	Morrum									
11.	Sanctioned Lease Area (in Ha.)	1.30 ha									
12.	Max & Min mRL within lease area	Max- 239.0 mRL & 237.0 mRL									
13.	Pillar Coordinates (Verified by DMO)	<table border="1"> <tr> <th colspan="3">Sanctioned Mining Lease Area</th></tr> <tr> <th>Pillar No.</th><th>Latitude</th><th>Longitude</th></tr> <tr> <td>A</td><td>24° 9'48.42"N</td><td>83°18'35.03"E</td></tr> </table>	Sanctioned Mining Lease Area			Pillar No.	Latitude	Longitude	A	24° 9'48.42"N	83°18'35.03"E
Sanctioned Mining Lease Area											
Pillar No.	Latitude	Longitude									
A	24° 9'48.42"N	83°18'35.03"E									

		B	24° 9'48.69"N	83°18'35.53"E
		C	24° 9'38.69"N	83°18'42.04"E
		D	24° 9'37.62"N	83°18'41.20"E
		E	24° 9'39.84"N	83°18'39.77"E
		F	24° 9'41.39"N	83°18'39.05"E
		G	24° 9'42.42"N	83°18'38.32"E
		H	24° 9'43.14"N	83°18'37.52"E
		I	24° 9'45.86"N	83°18'35.61"E
14.	Total Geological Reserves	34,766 Cum		
15.	Total Mineable Reserves in LOI	24,700 Cum in 6 months		
16.	Total Proposed Production	24,700 Cum in 6 months		
17.	Proposed Production/year	24,700 Cum		
18.	Sanctioned Period of Mine lease	6 months		
19.	No. of workers	35		
20.	Type of Land	Government waste land		
21.	Ultimate Depth of Mining	2.71		
22.	Nearest metallised road from site	1.80 km		
23.	Water Requirement	PURPOSE		REQUIREMENT (KLD)
		Drinking		0.35
		Suppression of dust		3.50
		Plantation		1.30
		Others (if any)		0.35
		Total		5.50
24.	Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt. Ltd. Certificate no. NABET/EIA/1922/SA 0186, Validity- 10-03-2024		
25.	Any litigation pending against the project or land in any court	No		
26.	Details of 500 m Cluster Map & certificate issued by Mining Officer	Yes, certified Ref. No. 1979/Khanij/Kh.P./2023, Dated 11.10.2023		
27.	Details of Lease Area in approved DSR	Yes, given in the DSR at Reference no. 2315/86-2020-01(Sa)/2020		
28.	Proposed EMP cost	Total project cost- 1,07,63,000/- Capital Cost-Rs 9,96,000/- Recurring Cost- 2,44,000/-		
29.	Length and breadth of Haul Road	Length: 0.290 km, width: 6 m		
30.	No. of Trees to be Planted	1300 plants		

- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- There is no litigation pending in any court regarding this project.
- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 12/12/2023 mentioning is as follows:

- I, Ankur Sharma, S/o Lalit Mohan Sharma is EIA Coordinator of Cognizance Research India Pvt. Ltd.
- I have prepared Form-1, PFR and EMP report for the proposal (SIA/UP/MIN/452847/2023) of Morrum Mine at Arazi No. 166 Kh, Area 1.30 ha in Village- Nagwa, Tehsil- Dudhi, District- Sonbhadra, U.P., (Leased Area 1.30 ha) with my team.
- I have personally visited the site of proposal and certify that no mining activity has been undertaken on the project site for the present proposal.

4. I am satisfied with that all the necessary data/information required for TOR project preparation are true and correct.
5. I certify that this project has been uploaded for first time on Parivesh portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and hard copy/presentation submitted which will be submitted after acceptance of application.
7. The Form-1, PFR and EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 11

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

1. The environmental clearance will be co-terminus with the validity of the lease period mentioned in the LoI or co-terminus with the validity of current mine plan whichever is earlier, after this period the EC will become null and void.
2. The quantity mentioned in LoI or quantity mentioned in replenishment study, whichever is less, would be maximum quantity which project proponent may extract. It will be ensured by District Administration and Geology and Mining Department. Directorate of Geology and Mining will ensure conduct of replenishment study from reputed institution for subsequent years in compliance of Hon'ble NGT orders.
3. NOC from Irrigation Department/ Concerning Authority regarding river bed mining to be obtained before start of mining activity.
4. Project Proponent should submit action plan for carrying out plantation at least @1,000 plants / ha of lease area. In this case, PP should prepare a plan, duly approved either by Forest Department or District plantation committee, for planting at least (as per the project) plants, either on government land or community land, within a periphery of 5 km from the boundary of the lease area along with provisions for maintenance for 5 years. Survival of plants should not be less than the survival rate notified by Uttar Pradesh Forest Department otherwise it will be treated as violation of EC condition.
5. The project proponent shall install solar light in their site office.
6. 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.
7. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
8. 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.
9. 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.
10. The project proponent should explore the possibilities of rainwater harvesting.
11. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.
12. Latest technology (water sprinklers/ tankers) to be adopted for mitigating dust at source points in lease area and haulage road during operational activity/vehicular movement.
13. As per the proposed plan, plantation with area specific plant species, number of plants to be planted and report of green belt development to be submitted to the concerning department
14. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ water supplying agencies to be submitted.
15. Submit the Hydrological study report of lease area that the quantity given in LoI will be mined without affecting the geo-hydrology of the River.

12. Building stone, Khanda, Boulder, Balast (Gitti) (Granite)” located at Arazi No- 339 (Khand No: 23 Naya, 25 Purana) Village Daharra Tehsil Sadar, Mahoba, Shri Jainendra Singh, Area- 1.012 ha., 8272/SIA/UP/MIN/444785/2023

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

1. The terms of reference is sought for Building stone, Khanda, Boulder, Balast (Gitti) (Granite)” located at Arazi No- 339 (Khand No: 23 Naya, 25 Purana) Village Daharra Tehsil Sadar, Mahoba, Shri Jainendra Singh, Area- 1.012 ha., (Leased Area- 1.012 Ha).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/444785/2023		
2. File No. allotted by SEIAA, U.P	8272		
3. Name of Proponent	M/s Jainendra Singh Contractor Prop. - Shri Jainendra Singh S/O – Shri Shyam Singh		
4. Full correspondence address of proponent and mobile no.	R/O- Tikamau, Tehsil- & District- Mahoba (U.P.)		
5. Name of Project	Building Stone, Khanda, Boulder, Blastt (Gitti), [Granite] Mining Project		
6. Project location (Plot/Khasra/Gata No.)	Arazi No. 339 (Khand No. – 23 Naya , 25 Purana),		
7. Name of River	NA		
8. Name of Village	Daharra		
9. Tehsil	Sadar		
10. District	Mahoba (U.P.)		
11. Name of Minor Mineral	Building Stone, Khanda, Boulder, Blastt (Gitti), [Granite] Mining Project		
12. Sanctioned Lease Area (in Ha.)	1.012 Ha.		
13. Mineable Area (in Ha.)	0.99 Ha. (Safety Margin 0.022 Ha.)		
14. Zero level mRL	NA		
15. Max. & Min mrl within lease area	The highest and lowest point in the leasehold is 214mRL towards south direction and 205mRL towards north direction.		
16. Pillar Coordinates (Verified by DMO)	Pillar	Latitude(N)	Longitude(E)
	A	25°20'09.902"N	79°57'55.731"E
	B	25°20'09.938"N	79°57'56.527"E
	C	25°19'58.696"N	79°57'56.217"E
	D	25°19'58.663"N	79°57'55.292"E
17. Total Geological Reserves	3,42,425 m ³		
18. Sanction Quantity as per LOI	50,000 m ³ per year as per LOI		
19. Total Proposed Production (in five year)	2,50,000 m ³ in five year		
20. Proposed Production/year	50,000 m ³ per year		
21. Sanctioned Period of Mine lease	10 Years as per LOI		
22. Method of Mining	Open cast, Semi-Mechanized		
23. No. of working days	250		
24. Working hours/day	8 hours/day		
25. No. Of workers	30		
26. No. Of vehicles movement/day	15-16 Vehicles movement/day		
27. Type of Land	Building Stone, Khanda, Boulder, Blastt (Gitti), [Granite] Mining Project		
28. Ultimate Depth of Mining	3.0 m		
29. Nearest metalled road from site	NH-34 at 2.05 km towards North-West direction from the Project site.		
30. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking water	0.40 KLD	
	Dust suppression	7.44 KLD	

	Plantation	1.012 KLD
	Others (if any)	-
	Total	8.852 OR 9.0 KLD Approx.
31. Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Environmental Research and Analysis, Lucknow (U.P.) Certificate No. QCI/NABET/EIA/1922/RA/0200 (REV-01) and valid up to Jan 21, 2024.	
32. Any litigation pending against the project or land in any court	No	
33. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 1424/ एम०एम०सी०-30/2021-22 on Date-27/08/2021	
34. Details of Lease Area in approved DSR	Letter No. 154/MMC-30-khanij (2021-22), on Date-12/05/2021 Page No.2, Sl.No. - 48	
35. Proposed EMP cost	Rs. 3959900/-	
36. Proposed Total Project cost	Rs. 1,00,00,000/-	
37. Length and breadth of Haul Road	310 m length and 6 m width	
38. No. of Trees to be Planted	1012	

3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
4. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
5. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
6. There is no litigation pending in any court regarding this project.
7. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 10/10/2023 mentioning is as follows:

1. I Vishnu Kumar Awasthi S/o Lt. R G Awasthi is EIA Coordinator of M/s Environmental Research and Analysis, Lucknow (U.P.), Accreditation Certificate No- NABET/ EIA/ 1922/RA 0200 (Rev 01), valid till- 21/01/2024.
2. I have prepared TOR report for the Proposal No. SIA/UP/MIN/444785/2023 (File No. – 8272) M/S Jainendra Singh Contractor Arazi No. 339 (Khand No. – 23 Naya, 25 Purana), Village: Daharra, Tehsil: Sadar, District: Mahoba, State: Uttar Pradesh, lease Area- 1.012 Ha. Proprietor- Shri Jainendra Singh S/O Shri Shyam Singh R/O –Tikamau, Tehsil & District- Mahoba, U.P. with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I have satisfied with that all the necessary data/information required for TOR presentations are true and correct.
5. I certify that this project proposal has been uploaded second time on parivesh portal (1st time SIA/UP/MIN/70915/2022 File No 6863 requested for withdraw) for the second time on Parivesh Portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.

RESOLUTION AGAINST AGENDA NO. 12

The committee discussed the matter and recommended to issue the standard terms of reference for the preparation of EIA as annexed at annexure-2 to the minutes. The committee also stipulated following additional TOR Points:

Additional TOR:

1. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc. Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.
2. EIA coordinator & FAE should give a notarized affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
3. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA/SEAC, UP/UPPCB before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
4. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
5. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
6. Combined KML of all mines in a cluster should be submitted at the time of EIA.
7. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
8. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
9. Proponent/Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
10. Proposed plantation working plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
11. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.
12. Proponent/consultant shall present TOR specific/additional conditions compliance, observation/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound plan at the time of EIA presentation.
13. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
14. Proponent to submit latest status of project site along with the site photographs and also provide mined minerals record of the respective project site at the time of EIA presentation.

13. “Morrum Mining” on the riverbed of Kanhar River at Arazi No.- 485 K, 485 Kh, 485 D, Village- Bodhadheeh, Tehsil- Tehsil- Dudhi, District- Sonbhadra, Area 0.91 Ha., 7920/7165/SIA/UP/MIN/430411/2023

The Secretariat informed the committee that the matter was earlier discussed in 765th SEAC meeting dated 15/06/2023 and observed is as follows:

“During the presentation the committee observed that the mining site photographs presented by the project proponent/consultant it seems that the some mining site area is submerged.

Hence, the committee decided that the factual report of the mining site should be sought from District Magistrate, and Mining Officer, Sonbhadra. SEIAA is requested to send a letter for sought a factual report from the above Authority."

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

1. The environmental clearance is sought for riverbed Morrum mining project at Arazi No. 485 K, 485 Kh, 485 D, Village- Bodhadheeh, Tehsil- Dudhi, District- Sonbhadra, U.P., Prop. Shri Anand Kumar Singh, (Leased Area 0.91 ha).
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 183/Parya/SEIAA/7165/2022 Dated 12/09/2022.
3. The Public Hearing was organized on 15/03/2023. Final EIA report submitted by the project proponent on 23/05/2023.
4. Salient features of the project as submitted by the project proponent:

On-line proposal No.	SIA/UP/MIN/430411/2023		
File No. allotted by SEIAA, UP	7920/7165		
Name of Proponent	M/s Anand Kumar Singh Prop. Shri Anand Kumar Singh S/o Late Govind Singh		
Full correspondence address of proponent and mobile No.	R/o Ward No. 15, Main road, Uttar Mohalla, Tehsil – Robertsganj, District- Sonbhadra (U.P.)		
	Mobile No-		
	Email-		
Name of Project	Proposed riverbed Morrum mining		
Project location (Plot/Khasra/Gata No.)	Arazi No. 485 K, 485 Kh, 485 D		
Name of River	Kanhra		
12. Name of Village	Bodhadheeh		
Tehsil	Dudhi		
District	Sonbhadra		
Name of Minor Mineral	Ordinary Sand		
Sanctioned Lease Area (in Ha.)	0.91 ha		
Max & Min mRL within lease area	Max- 199 mRL and Min- 189 mRL		
Pillar Coordinates (Verified by DMO)	Sanctioned Mining Lease Area		
	Pillar No.	Latitude	Longitude
	A	24°18'17.31"N	83°13'59.55"E
	B	24°18'19.90"N	83°13'59.27"E
	C	24°18'21.56"N	83°13'58.17"E
	D	24°18'21.60"N	83°13'59.67"E
	E	24°18'20.32"N	83°14'1.47"E
	F	24°18'20.32"N	83°14'2.73"E
	G	24°18'18.69"N	83°14'2.15"E
Total Geological Reserves	26,464 cum		
Total Mineable Reserves in LOI	16,380 Cum in 6 months		
Total Proposed Production	16,380 Cum in 6 months		
Proposed Production/year	16,380 Cum in 6 months		
Sanctioned Period of Mine lease	6 months		
Method of Mining	Open Cast Semi-mechanized Method		
No. of working days	180 days		
Working hours/day	8 hrs		
No. of workers	35		
No. of vehicles movement/day	7		
Type of Land	Private land		
Ultimate Depth of Mining	2.84		
Nearest metalled road from site	1.0 km		

Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.35
	Suppression of dust	3.03
	Plantation	1.80
	Others	0.35
	Total	5.55
Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt. Ltd. Certificate no. NABET/EIA/1922/SA 0186, Validity- 10-03-2024	
Any litigation pending against the project or land in any court	No	
Details of 500 m Cluster Map & certificate issued by Mining Officer	Yes, Ref No. 225/Khanij/ 2022 Dated 26/04/2022	
Details of Lease Area in approved DSR	Yes, given in the DSR with Ref No. 377/M.228/2017(Khanan Niti)- D.S.R., Dated 02.06.2022	
Proposed total cost and CER cost	Total project cost 46,89,500/- CER cost Rs 1,00,000	
Proposed EMP cost	EMP Capital Cost =Plantation Cost + CER = Rs. 9,10,000 + 1,00,000 = Rs. 10,10,000/- EMP Recurring Cost- Rs. 4,19,000/-	
Length and breadth of Haul Road	Length: 0.252 km, width: 6 m	
No. of Trees to be Planted	910 plants	

5. Action Plan as per Ministry's O.M. dated 30/09/2020:

Environment Management Plan (EMP)		Capital Costs in (Rs.)	Recurring Cost
A	Haulage road repair & maintenance		50,000
B	Water Sprinkling on Haulage Road for Dust Suppression		1,44,000
C	Monitoring Cost Air Monitoring Water Monitoring Noise Monitoring Soil Monitoring		1,00,000
D	Plantation along the road side & post plantation care	9,10,000 (Plant Cost including Fencing)	50,000
E	CER Cost (Included in EMP Cost as per OM dated 30 Sep 2020)	1,00,000	
F	Miscellaneous conservation and management of Ponds.		75,000
Total		10,10,000	4,19,000

Note : The above action plan will be implemented during project implementation phase. Zero date will start from the date of start for the proposed project.

6. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
7. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
8. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
9. There is no litigation pending in any court regarding this project.
10. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 06/06/2023 mentioning is as follows:

1. I, Ankur Sharma, S/o Lalit Mohan Sharma is EIA Coordinator of Cognizance Research India Pvt. Ltd.

2. I have prepared EIA/EMP for the proposal (SIA/UP/MIN/430411/2023), File No. 7920/7165 of Morrum mining project at Arazi No. 485 K, 485 Kh, 485 D, Village- Bodhadheeh, Tehsil- Dudhi, District- Sonbhadra, U.P., Prop. Shri Anand Kumar Singh, (Leased Area 0.91 ha) with my team.
3. I have personally visited the site of proposal and certify that no mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information required for TOR project preparation are true and correct.
5. I certify that this project has been uploaded for first time on Parivesh portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and hard copy/presentation submitted which will be submitted after acceptance of application.
7. The EIA/EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 13

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

1. The environmental clearance will be co-terminus with the validity of the lease period mentioned in the LoI or co-terminus with the validity of current mine plan whichever is earlier, after this period the EC will become null and void.
2. The quantity mentioned in LoI or quantity mentioned in replenishment study, whichever is less, would be maximum quantity which project proponent may extract. It will be ensured by District Administration and Geology and Mining Department. Directorate of Geology and Mining will ensure conduct of replenishment study from reputed institution for subsequent years in compliance of Hon'ble NGT orders.
3. NOC from Irrigation Department/ Concerning Authority regarding river bed mining to be obtained before start of mining activity.
4. Project Proponent should submit action plan for carrying out plantation at least @1,000 plants / ha of lease area. In this case, PP should prepare a plan, duly approved either by Forest Department or District plantation committee, for planting at least (as per the project) plants, either on government land or community land, within a periphery of 5 km from the boundary of the lease area along with provisions for maintenance for 5 years. Survival of plants should not be less than the survival rate notified by Uttar Pradesh Forest Department otherwise it will be treated as violation of EC condition.
5. The project proponent shall install solar light in their site office.
6. 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.
7. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
8. 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.
9. 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.
10. The project proponent should explore the possibilities of rainwater harvesting.
11. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.
12. Latest technology (water sprinklers/ tankers) to be adopted for mitigating dust at source points in lease area and haulage road during operational activity/vehicular movement.
13. As per the proposed plan, plantation with area specific plant species, number of plants to be planted and report of green belt development to be submitted to the concerning department

14. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ water supplying agencies to be submitted.
15. Submit the Hydrological study report of lease area that the quantity given in LoI will be mined without affecting the geo-hydrology of the River.

14. "Building Stone (Granite Khand, Boulder, Bailast (Gitti))" Project at Gata No.- 342/6 (Khand No.- 02), Village- Jujhar, Tehsil- Mahoba, District- Mahoba, Shri Tauheed Ahmad, Area: 2.024 ha., 8118/7585/SIA/UP/MIN/440451/2023

The Secretariat informed the committee that the matter was earlier discussed in 782nd SEAC meeting dated 06/09/2023 and recommended to grant the environmental clearance for the project proposal along with general and specific conditions. Subsequently, the matter was listed in 763nd SEIAA meeting dated 19/10/2023 wherein:

"SEIAA noted that SEAC has recommended to grant environmental clearance to the above project. SEIAA gone through file and documents and found that the Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 31/Parya/SEIAA/7585/2022, dated: 05/05/2023, but period of monitoring has not been mentioned in MoM. Hence SEIAA opined to refer back the project for review and in future also SEAC should be care full why examining and recommending the project."

As per the above decision of SEIAA, the matter was listed in 816th SEAC meeting dated 14/12/2023. The project proponent submit the revised salient features affidavit mentioning the period of baseline monitoring data collection along with copy of intimation letter dated 22/09/2022 submitted to Regional Officer, UPPCB, Banda regarding collection of baseline monitoring data for the period October to December, 2022 for the aforesaid project.

The committee discussed the matter and opined that the reply submitted by the project proponent seems to be satisfactory and recommended to grant the environmental clearance for the project proposals along with general and specific conditions as earlier prescribed in 782nd SEAC meeting dated 06/09/2023.

15. UPAL Warehouse at Khasra No.- 1251 (part), 1252 KHA, 1253, 1296 (part), 1257 KHA, 1258 KA, 1258 KHA, 1259 KHA, 1259 KA, 1260, 1261, 1262, 1263 (KA & KHA), 1297, 1298 & 1299 (part), 1300 at Village – Mau, Tehsil – Mohanlalganj, District – Lucknow, Shri Sunil Mehta, M/s U.P. Asbestos Ltd., 5816/SIA/UP/MIS/305380/2023

The project proponent/consultant informed the committee that the environmental clearance for the aforesaid project was issued by SEIAA, U.P. vide letter no. 448/Parya/SEAC/5816/2019, dated 15/10/2020 for the plot area 83,575.00 sqm. A presentation was made by the project proponent along with their consultant M/s Paramarsh Servicing Environment and Development.

The project proponent/consultant informed the committee that as per guidelines of Lucknow Development Authority the project is required to leave 50 meters space between any railway track and any construction proposed under the project. Therefore, in compliance of the guidelines, we have incorporated these changes in the revised guidelines. Due to this revision, there is slight change in the location of services, area of green belt, F.A.R. and certain khasra nos. The size of the sheds has been reduced to accommodate the same.

The project proponent also informed that the proposed amendment does not impact any other relevant configuration of the project concerning the water consumption, waste water generation, STP capacity, Gensets capacity etc. and moreover, there is no increase in pollution load owing to this amendment. Due to the above changes the project is being applied for amendment in the environment clearance through online Parivesh Portal on 06/10/2023.

Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The amendment in environmental clearance is sought for proposed UPAL Warehouse at Khasra No.- 1251 (part), 1252 KHA, 1253, 1296 (part), 1257 KHA, 1258 KA, 1258 KHA, 1259 KHA, 1259 KA, 1260, 1261, 1262, 1263 (KA & KHA), 1297, 1298 & 1299 (part), 1300 at Village – Mau, Tehsil – Mohanlalganj, District – Lucknow, M/s U.P. Asbestos Ltd.
2. Environmental clearance for the aforesaid project was issued by SEIAA, U.P. vide letter no. 448/Parya/SEAC/5816/2019, dated 15/10/2020 for the plot area 83,575.00 sqm.
3. Comparative details of existing project and proposed amendment:

S.No.	Items	Existing EC Details (Area in Sqm)	Proposed Amendment (Area in Sqm)	Difference
1	Total Plot Area	83,575.00	83575.00	Unchanged
2	Ground Coverage	50,048.12	41409.96	-8,638.16
3	Achieved F.A.R.	51,780.00	44695.78	-7,084.22
4	Total open area	33,526.88	42165.04	8,638.16
5	Total road area	18,195.45	21857.29	3,661.84
6	No. of Trees	398	5080	4682
7	No. of shed	2	2	Unchanged
8	Green Area	15331.43	20307.75	4,976.32
9	Parking Provided	75 (1 ECS@ 550 m ²)	75	Unchanged
10	Area of shed no. 1	21704	18027.3	-3,676.70
11	Area of shed no. 2	28344.12	23382.66	-4,961.46
12	Khasra Numbers as mentioned in subject line of EC letter	1251part, 1252ka (part), 1252kha (part), 1253, 1257kha, 1258ka, 1259, 1259Ka, 1260, 1261, 1263, 1267 (part), 1268, 1297, 1298 and 1299.	1251 (part), 1252 KHA, 1253, 1296 (part), 1257 KHA, 1258 KA, 1258 KHA, 1259 KHA, 1259, KA, 1260, 1261, 1262, 1263 (KA & KHA), 1297, 1298 & 1299 (part), 1300	Changes
13	Fresh Water Demand	75.2 KLD	75.2 KLD	Unchanged
14	Wastewater generation	64 KLD	64 KLD	Unchanged
15	STP Capacity	80 KLD	80 KLD	Unchanged
16	DG Set Capacity	625 KVA x 2	625 KVA x 2	Unchanged
17	MSW Generation	394 Kg/day	394 Kg/day	Unchanged

The project proponent requested to amend the environmental clearance letter dated 15/10/2020 as per above details.

RESOLUTION AGAINST AGENDA NO. 15

The committee discussed the matter and recommend to amend the environmental clearance letter no. 448/Parya/SEAC/5816/2019, dated 15/10/2020 as per above details. All the other contents mentioned in EC letter dated 15/10/2020 shall remain the same. The committee also stipulated following additional conditions:

1. The project proponent will ensure that there is no mismatch/deviation between the project proposal submitted to SEIAA for environmental clearance and maps/drawings were approved by concerned development authority. In case of any mismatch/deviation, amended environmental clearance will be obtained by project proponent. In case of failure, the granted environmental clearance shall automatically deem to be cancelled.
2. The project proponent shall obtain all necessary clearances/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.

3. 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.
4. 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.
5. The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.
6. Project proponent is advised to explore the possibility and getting the cement in a closed container rather through the plastic bag to prevent dust emissions at the time of loading/unloading.
7. Project proponent should ensure that there will be no use of “Single use of Plastic” (SUP).
8. In compliance to Hon’ble Supreme Court order dated 13/01/2020 in IA no. 158128/2019 and 158129/2019 in Writ petition no. 13029/1985 (MC Mehta Vs. GoI and others) anti-smog guns shall be installed to reduce dust during excavation.

(Prof. Jaswant Singh)
Member

(Dr. Amrit Lal Halidar)
Member

(Dr. Dineshwar Prasad Singh)
Member

(Tanzar Ullah Khan)
Member

(Dr. Shiv Om Singh)
Member

(Dr. Harikesh Bahadur Singh)
Chairman

(Ashish Tiwari)
Member-Secretary

Nodal, SEAC-2

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

Annexure-1

General and Specific Conditions for Sand/Morum Mining Proposals

General Conditions:

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along-with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours' time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take-care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Moram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.
18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such program me. The project proponent shall provide separate budget for community development activities and income generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
21. Dispensary facilities for first-aid shall be provided at site.
22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.

23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions the District Mining Officer will report to SEIAA.
24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad/ Municipal Corporation and Urban Local Body.
26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
31. Under corporate social responsibility a sum of 5% of the total project cost or total income whichever is higher is to be earmarked for total lease period. Its budget is to be separately maintained. CER component shall be prepared based on need of local habitant. Income generating measures which can help in upliftment of poor section of society, consistent with the traditional skills of the people shall be identified. The programme can include activities such as development of fodder farm, fruit bearing orchards, free distribution of smokeless Chula etc.
32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Integrated Regional Office, MoEF&CC, GoI, Lucknow, SEIAA, U.P and UPPCB.
34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. 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. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).

42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Integrated Regional Office, MoEF&CC, GoI, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Specific Conditions:

1. The Environmental clearance will be co-terminus with the mining lease period/mining plan whichever is earlier.
2. At the time of operation, project proponent will comply with all the guidelines issued by Government of India/State Govt./District Administration related to Covid-19.
3. Environment management in according to environmental status and impact of the project.
4. During the school opening and closing time transportation of minerals will be restricted.
5. Selection of plants for green belt should be on the basis of pollution removal index. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
6. No mining activity should be carried out in-stream channel as per SSMMG, 2016.
7. Pakkamotorable haul road to be maintained by the project proponent.
8. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
9. Permission from the competent authority regarding evacuation route should be taken.
10. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
11. Provision for cylinder to workers should be made for cooking.
12. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
13. Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road. Width of the haul road shall be more than 6 meter.
14. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
15. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
16. Provision for two toilets and hand pumps should be made at mining site.
17. Drinking water for workers would be provided by tankers.
18. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
19. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
20. Corporate Environmental Responsibility (CER) plan shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018.

21. Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
22. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
23. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
24. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
25. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
26. If in future this lease area becomes part of cluster of equal to or more than 05 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
27. Project falling within 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
28. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
29. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 05 ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 05 ha, the E.C issued will stand revoked.
30. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
31. The mining work will be open-cast and manual/semi mechanized (subject to orders). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
32. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width which-ever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
33. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
34. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
35. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
36. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
37. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS))].
38. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
39. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.

40. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
41. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. 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.
42. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
43. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
44. Solid waste material viz., gutkha pouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
45. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
46. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Integrated Regional Office, MoEF&CC, GoI, Lucknow, SEIAA, U.P. and UPPCB.
47. The project authorities 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 Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Integrated Regional Office, MoEF&CC, GoI, Lucknow, CPCB, State PCB.
48. The MoEF&CC/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
49. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
50. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
51. Waste water from potable use be collected and reused for sprinkling.
52. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

Annexure-2

Standard Terms of Reference for the Mining Project prescribed by MoEF&CC, GoI

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

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

- 28) Based on actual monitored data, it may clearly be shown whether working will intersect groundwater.
- 29) Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed Hydro Geological Study should be undertaken and Report furnished. The Report inter-alia, shall include details of the aquifers present and impact of mining activities on these aquifers. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of ground water should also be obtained and copy furnished.
- 30) Details of any stream, seasonal or otherwise, passing through the lease area and modification / diversion proposed, if any, and the impact of the same on the hydrology should be brought out.
- 31) Information on site elevation, working depth, groundwater table etc. Should be provided both in AMSL and bgl. A schematic diagram may also be provided for the same.
- 32) A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the Project. Phase-wise plan of plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given. The plant species selected for green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species which are tolerant to pollution.
- 33) Impact on local transport infrastructure due to the Project should be indicated. Projected increase in truck traffic as a result of the Project in the present road network (including those outside the Project area) should be worked out, indicating whether it is capable of handling the incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered. Project Proponent shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.
- 34) Details of the onsite shelter and facilities to be provided to the mine workers should be included in the EIA Report.
- 35) Conceptual post mining land use and Reclamation and Restoration of mined out areas (with plans and with adequate number of sections) should be given in the EIA report.
- 36) Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out in detail. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. The project specific occupational health mitigation measures with required facilities proposed in the mining area may be detailed.
- 37) Public health implications of the Project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary allocations.
- 38) Measures of socio economic significance and influence to the local community proposed to be provided by the Project Proponent should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation.
- 39) Detailed environmental management plan (EMP) to mitigate the environmental impacts which, should inter-alia include the impacts of change of land use, loss of agricultural and grazing land, if any, occupational health impacts besides other impacts specific to the proposed Project.
- 40) Public Hearing points raised and commitment of the Project Proponent on the same along with time bound Action Plan with budgetary provisions to implement the same should be provided and also incorporated in the final EIA/EMP Report of the Project.
- 41) Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
- 42) The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
- 43) A Disaster management Plan shall be prepared and included in the EIA/EMP Report.
- 44) Benefits of the Project if the Project is implemented should be spelt out. The benefits of the Project shall clearly indicate environmental, social, economic, employment potential, etc.
- 45) Besides the above, the below mentioned general points are also to be followed:-
 - a) Executive Summary of the EIA/EMP Report
 - b) All documents to be properly referenced with index and continuous page numbering.

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

Annexure-3

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

General condition:

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

Specific Conditions:

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

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