

Minutes of 666th SEAC-1 Meeting Dated 21/06/2022

The 666th meeting of SEAC-1 was held in the Directorate of Environment, U.P. through dual-mode (physically/virtually) at 10:00 AM on 21/06/2022. Following members participated in the meeting:

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|----|----------------------------|-----------------------------|
| 1. | Shri Rajive Kumar, | Chairman, SEAC-1 |
| 2. | Dr. Brij Bihari Awasthi, | Member, SEAC-1 |
| 3. | Shri Umesh Chandra Sharma, | Member, SEAC-1 |
| 4. | Dr. Ratan Kar, | Member, SEAC-1 (through VC) |
| 5. | Shri Ashish Tiwari, | Member-Secretary, SEAC-1 |

The Chairman welcomed the members to the 666th SEAC-1 meeting which was conducted via dual-mode (virtually/physically). Nodal Officer, SEAC-1 informed the committee that the agenda has been approved by the Member Secretary, SEAC-1/Director Environment. Nodal Officer, SEAC-1 placed the agenda items along with the available file and documents before the SEAC-1.

1. **Sand/Morrum Mining From Yamuna River bed in Khand No. 16/18 to 16/19 at Village–Jamunapur, Tehsil-Manjhanpur, Kaushambi, Shri Abishek Agrawal, M/s Agrawal Ventures & Project, area 24.28 ha. File No. 7103/Proposal No. SIA/UP/MIN/77263/2022**

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. The project proponent/consultant informed that approximately 60% lease area is submerged under water channel therefore project proponent requested to reduce the mining lease area and quantity. It is also mentioned in mining plan (page no. 18) regarding submerged area.

RESOLUTION AGAINST AGENDA NO. 01

The committee discussed the matter and advised the project proponent to contact District Administration/DGM to change in area and quantity mentioned in letter of intent (LoI) issued in favour of project proponent.

2. **Stone, Khanda, Boulder, Ballast (Gitti) Mining Project at Arazi No. 339 (Khand No. – 39 Naya 21 Purana), Village- Daharra, Tehsil- Sadar & District- Mahoba, Shri Anil Kumar Agarwal, Area- 1.619 Ha. File No. 6709/Proposal No. SIA/UP/MIN/69519/2021**

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

1. The environmental clearance is sought for Stone, Khanda, Boulder, Ballast (Gitti) Mining Project at Arazi No. 339 (Khand No. – 39 Naya 21 Purana), Village- Daharra, Tehsil- Sadar & District- Mahoba, U.P., (Leased Area- 1.619 Ha.).

2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 476/parya/SEIAA/6709/2021, dated 14/03/2021.
3. The public hearing was organized on 30/04/2022. Final EIA report submitted by the project proponent on 26/05/2022.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/69519/2021		
2. File No. allotted by SEIAA, U.P	6709		
3. Name of Proponent	M/s Anil Kumar Agarwal Mines Contractor Proprietor- Shri Anil Kumar Agarwal S/o Shri Yatish Chanda Agarwal		
4. Full correspondence address of proponent and mobile no.	R/o- Choti Bazar, Banda District- Banda (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. – 39 Naya , 21 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.)	1.619 Ha.		
13. Mineable Area (in Ha.)	1.4571 Ha. (Safety Margin 0.1619 Ha.)		
14. Zero level mRL	NA		
15. Max. & Min mrl within lease area	The RL found within the leasehold is 210mRL within the quarry.		
16. Pillar Coordinates (Verified by DMO)	Pillar	Latitude(N)	Longitude(E)
	A	N25°20'09.172"	E79°57'49.118"
	B	N25°20'08.502"	E79°57'53.554"
	C	N25°20'04.585"	E79°57'53.283"
	D	N25°20'04.624"	E79°57'48.690"
17. Total Geological Reserves	4,62,360 m ³		
18. Sanction Quantity as per LOI	57,880 m ³ per year as per LOI		
19. Total Proposed Production (in five year)	2,89,400 m ³ in five year		
20. Proposed Production/year	57,880 m ³ per year		
21. Sanctioned Period of Mine lease	10 Years as per LOI		
22. Proposed production for lease period of 10 years	5,78,800 m3 in 10 years (lease period)		
23. Monitoring period	1st March 2021 to 31 May 2021		
24. Method of Mining	Open cast, Semi-Mechanized		
25. No. of working days	250		
26. Working hours/day	8 hours/day		
27. No. Of workers	29		
28. No. Of vehicles movement/day	18-20 Vehicles movement/day		
29. Type of Land	Building Stone, Khanda, Boulder, Blastt (Gitti), [Granite] Mining Project		
30. Ultimate Depth of Mining	30 m for five year as per approved mining plan		
31. Nearest metalled road from site	NH-86/76 at 1.85 km towards North-West direction from the Project site.		
32. Water Requirement	PURPOSE		REQUIREMENT (KLD)
	Drinking water		0.39 KLD
	Dust suppression		2.25 KLD
	Plantation		2.0 KLD
	Others (if any)		-
	Total		4.64 KLD Approx.
33. Name of QCI Accredited Consultant with QCI No	Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/ EIA/ 1922/RA 0200 Valid up to 30		

and period of validity.	Dec, 2022
34. Any litigation pending against the project or land in any court	No
35. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 1161/ एम०एम०सी०-30/2021-22 on Date- 05/08/2021
36. Details of Lease Area in approved DSR	Page No. 86, S.No. 60
37. Proposed EMP cost	Rs. 12,59,350/-
38. Proposed Total Project cost	Rs. 2,00,00,000/-
39. Length and breadth of Haul Road	250 m length and 6.0 m width
40. No. of Trees to be Planted	2000

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

The consultant (EIA Coordinator) also submitted an affidavit dated 13/06/2022 mentioning is as follows:

1. I Dr. 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, valid till- 30/12/2022.
2. I have prepared EIA Project for the proposal No. SIA/UP/MIN/69519/2021 (File No. 6709), M/s Anil Kumar Agarwal Mines Contractor, Proponent - Shri Anil Kumar Agarwal S/o Shri Yatish Chanda Agarwal, "Building Stone (Khanda, Boulder, Bailast (Gitti)" Project at Gata No.-791 Kha (Khand No.- 3), Village- Paswara, Tehsil- Mahoba, District- Mahoba, State-Uttar Pradesh, (Leased Area- 4.00 ha.) with my team.
3. I have personally visited the site of proposal.
4. I have satisfied with that all the necessary data/information required for EIA project presentations are true and correct.
5. I certify that no mining activity has been undertaken on the project site for the present proposal.
6. I certify that this project has been uploaded for this first time on Parivesh portal. In case the project has been uploaded again due to any reason, the withdrawals of previous project have been accepted by SEIAA, UP on Parivesh Portal.
7. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.
8. I state that all the TOR points have been complied and all the issues raised during public hearing have been properly addressed in EIA report.

RESOLUTION AGAINST AGENDA NO. 02

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 specific conditions:

1. The project proponent shall install solar light in their site office.

2. During the submission of 6 monthly compliance reports, the project proponent should make sure that the periodically taken site photographs should also be annexed along with the compliance report.
 3. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
 4. The maximum height of the bench should be 06 meters and the width of the bench should be at least twice the height of the bench as per the mine plan approval letter by DGM, U.P
 5. In case the blasting is proposed during a mining operation, the project proponent needs to assess its impact on the displacement of human beings/wild animals/birds/other species, and the suitable measures proposed and taken for their rehabilitation and resettlement need to be clearly described in first 6 monthly compliance report.
 6. The project proponent shall submit a final mine closure plan/Exit protocol for rehabilitation of mined-out land to match its surrounding land use 3 years before the closure of the mine to SEIAA, UP and Department of Mines and Geology, UP for approval. The project proponent shall ensure the implementation of the approved plan under the supervision of the Dept. of Mines and Geology.
 7. The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flow from the quarry area. The surface runoff rainwater harvesting and other water conservation measures on a long-term basis are to be taken in consultation with the Central/State Groundwater Board. The water so collected should be utilized for watering the haulage area, roads, and green belt development, etc.
 8. The project proponent shall take all suitable measures to prevent pollution of groundwater and nearby water bodies in consultation with the State Pollution Control Board and consent to operate (if applicable) should be obtained from the State Pollution Control Board before the start of production from the mine.
 9. Link Road from the quarry site to the main road shall be constructed as an all-weather road with blacktopping and maintained by the project proponent.
 10. Vehicular emissions should be kept under control and regularly monitored. Suitable measures shall be taken for proper maintenance of vehicles used in a quarry operation and transportation.
 11. The project proponent should explore the possibilities of rainwater harvesting.
3. **Expansion of Production Capacity From 28,800 TPA to 1,44,000 TPA Billets And From 27,000 MTPA To 1,98,000 MTPA of Rolled Products by Replacement Of Existing 2x12 Mt Induction Furnaces with 2x20 Mt Induction Furnace And Modification Of Rolling Mill in Existing Plant Premises at Industrial Estate, Village- Kandela, Tehsil- Kairana, Shamli, U.P. Shri Abhinav Bansal, M/s Shamli Steels (P) Ltd. File No. 4616/Proposal No. SIA/UP/IND/30511/2018**

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 Shivalik Solid Waste Management 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 expansion of Production capacity from 28,800 TPA to 1,44,000 TPA Billets by replacement of existing 2x12 MT/heat induction Furnaces with 2x20 MT/heat Induction Furnace and modification of Rolling Mill at Khasra no. 104/682, 615/683, 507/684, 604/669, 207/684, 55/672 & 672, Industrial Estate, Village- Kandela, Shamli-Panipat Road, District- Shamli- Uttar Pradesh, M/s Shamli Steels (P) Ltd.
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 566/parya/SEAC/4616/2018, dated 24/01/2020.
3. The public hearing was organized on 14/03/2022. Final EIA report submitted by the project proponent on 26/05/2022.+

4. Comparative details of existing and expansion project:

S. N.	Particulars	Existing	Proposed expansion	Total
1	Reheating furnace	One 14 Ton/Hour	--	One 14 Ton/Hour
2	Coal for Reheating Furnace	4.5TPD	--	4.5TPD
3	Induction Furnace	2x12 MT/heat	2X20 MT/heat (By replacement of existing furnaces)	40 MT/heat
4	Installed production capacity (Billets Production)	96 MT/day	384 MT/day	480 MT/day
5	Ingots/Billets Purchase from Market	----	216 TPD	216 TPD
6	CCM	2 Strand, 4/7 m radius	----	2 Strand, 4/7 m radius
7	Rolled Products	90 MT/day	570 MT/day	660 MT/day
8	Fixed capital investment	39.88 Cr.	16.85 Cr.	56.73 Cr.
9	Electrical power requirement	9950 KVA	10,050 KVA	20,000 KVA
10	Raw material requirement	109 MTPD	427 MTPD	536 MTPD
11	Land area	4.93 Ha.	-	4.93 Ha.
12	Manpower requirement	46	50	96
13	Water requirement	29 KLD (Domestic + Industrial)	37 KLD (Domestic + Industrial)	66 KLD (Domestic + Industrial)
14	Solid waste generation Slag Mill scale	3 MT/day 5 MT/day	25 MT/day 16 MT/day	28 MT/day 21 MT/day
15	Hazardous waste APCD dust	0.5 TPD	2.5 TPD	3 TPD

5. Products with capacities for the proposed project:

S. No.	Particulars	Existing	Proposed expansion	Total
1.	Induction Furnace	2x12 MT/heat	2X20 MT/heat (By replacement of existing furnace)	40 MT/heat
2	Billets Production	96 MT/day	384 MT/day	480 MT/day
3.	CCM	2 Strand, 4/7 m radius	----	2 Strand, 4/7 m radius
4	Rolled Products	90 MT/day	570MT/day	660 MT/day

6. Area details of the project:

S. No.	Type of Area	Area in Sq. m
1	Rooftop Area of buildings / sheds	20000
2	Road / Paved Area	5000
3	Green Belt Area	16300
4	Open Land Area	8000
	Total Plot / Land Area	49300

7. Brief project details:

Sr. No.	PARTICULARS	DETAILS
1	S.NO. IN THE SCHEDULE & PROJECT SECTOR	3 (a), Metallurgy (Ferrous & Non-Ferrous metals)
2	CATEGORY OF THE PROJECT	B
3	SPECIFIC/GENERAL CONDITION APPLICABLE	No
4	PROPOSED SITE/LAND DETAILS	4.93 hectare
5	GREENBELT DETAIL	33.06 % of the total plot area
6	PROJECT COST (Existing + Proposed)	56.73 CRORE (39.88+16.85)
7	MANPOWER DETAILS(Existing + Proposed)	96 (46+50)
8	DETAILS IF PROJECT FALLS UNDER THE PURVIEW OF	No

	A) FCA,1980, B) WPA,1972, C) CRZ, 2011	
9	CPA/SPA/ESA/ESZ, IF ANY	No
10	INTERLINKED PROJECT, IF ANY, WITH STATUS	No Interlinked project

8. Rain water harvesting details:

S. No.	Particulars	Catchment Area in m ² (A)	Runoff Coefficient (C)	Rainfall Intensity in m(I)	Discharge (m ³ /year) A*C*I=D
1.	Roof Top Area	20000	0.81833	0.9	14729.94
2.	Paved Area/Road Area	5000	0.81833	0.7	2864.155
	Green belt	16300	0.81833	0.2	2667.7558
	Open Area	8000	0.81833	0.1	654.664
Total					20916.5148

9. The project proposal falls under category-3(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 21/06/2022 mentioning as follows:-

1. I, Kuldip Singh, S/o Sh. Karam Singh is EIA Coordinator of Shivalik Solid Waste Management Limited.
2. I have prepared EIA report for the proposal SIA/UP/IND/30511/2018, expansion of Production capacity from 28,800 TPA to 1,44,000 TPA Billets by replacement of existing 2x12 MT/heat induction Furnaces with 2x20 MT/heat Induction Furnace and modification of Rolling Mill at Khasra no. 104/682, 615/683, 507/684, 604/669, 207/684, 55/672 & 672, Industrial Estate, Village- Kandela, Shamli-Panipat Road, District- Shamli- Uttar Pradesh, M/s Shamli Steels (P) Ltd. with my team.
3. I have personally visited the site of project proposal and certify that no construction 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 EIA/EMP preparations are true and correct.
5. I certify that this project has been uploaded for the first time on Parivesh Portal.
6. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.
7. I state that all the TOR points have been complied.

RESOLUTION AGAINST AGENDA NO-03

The committee discussed the matter and recommended grant of Environmental clearance for the project proposal along with following standards environmental clearance conditions prescribed by MoEF&CC, Govt. of India:

- I. Statutory compliance:
 - I. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
 - II. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
 - III. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the

- study area).
- IV. The project proponent shall obtain Consent to Establish I 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.
 - V. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water I from the competent authority concerned in case of drawl of surface water required for the project.
 - VI. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
- II. Air quality monitoring and preservation:
- I. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R 277 (E) dated 31st March 2012 (applicable to IF/EAF) as amended from time to time; S.O. 3305 (E) dated 7th December 2015 (Thermal Power Plants) as amended from time to time) and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
 - II. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
 - III. The project proponent shall install system carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM₁₀ and PM_{2.5} in reference to PM emission, and SO₂ and NO_x in reference to SO₂ and NO_x emissions) within and outside the plant area (at least at four locations one within and three outside the plant area at an angle of 120° each) , covering upwind and downwind directions. (case to case basis small plants: Manual; Large plants: Continuous)
 - IV. The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality / fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
 - V. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources.
 - VI. The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.
 - VII. Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors , roofs, regularly.
 - VIII. Recycle and reuse iron ore fines, coal and coke fines, lime fines and such other fines collected in the pollution control devices and vacuum cleaning devices in the process after briquetting/ agglomeration.
 - IX. The project proponent shall use leak proof trucks /dumpers carrying coal and other raw materials and cover them with tarpaulin.
 - X. The project proponent shall provide covered sheds for raw materials like scrap and sponge iron, lump ore, coke, coal, etc.
 - XI. The project proponent shall provide primary and secondary fume extraction system at all melting furnaces.
 - XII. Design the ventilation system for adequate air changes as per ACGIH document for all tunnels , motor houses, Oil Cellars.
- III. Water quality monitoring and preservation:
- I. The project proponent shall install 24x7 continuous effluent monitoring system with

respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R 277 (E) dated 31st March 2012 (applicable to IF/EAF) as amended from time to time; S.O. 3305 (E) dated 7th December 2015 (Thermal Power Plants) as amended from time to time) and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories. (case to case basis small plants: Manual; Large plants: Continuous)

- II. The project proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers /sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.
 - III. The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
 - IV. Adhere to 'Zero Liquid Discharge'.
 - V. Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.
 - VI. The project proponent shall provide the ETP for effluents of rolling mills to meet the standards prescribed in G.S.R 277 (E) 31st March 2012 (applicable to IF/EAF) as amended from time to time.
 - VII. Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off
 - VIII. The project proponent shall practice rainwater harvesting to maximum possible extent.
 - IX. The project proponent shall make efforts to minimize water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water.
- IV. Noise monitoring and prevention:
- I. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
 - II. The ambient noise levels should conform to the standards prescribed under E(P)A Rules , 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.
- V. Energy Conservation measures
- I. The project proponent shall provide waste heat recovery system (pre-heating of combustion air) at the flue gases of reheating furnaces.
 - II. Practice hot charging of slabs and billets /blooms as far as possible.
 - III. Ensure installation of regenerative type burners on all reheating furnaces .
 - IV. Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly.
 - V. Provide the project proponent for LED lights in their offices and residential areas.
- VI. Waste management:
- I. Used refractories shall be recycled as far as possible.
 - II. Oily scum and metallic sludge recovered from rolling mills ETP shall be mixed, dried, and briquetted and reused melting Furnaces
 - III. 100% utilization of fly ash shall be ensured. All the fly ash shall be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding in this regard shall be submitted to the Ministry's Regional Office.

- IV. The waste oil, grease and other hazardous waste shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.
- V. Kitchen waste shall be composted or converted to biogas for further use.(to be decided on case to case basis depending on type and size of plant).
- VII. Green Belt:
 - I. Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant
 - II. The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.
- VIII. Public hearing and Human health issues:
 - I. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
 - II. The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
 - III. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
 - IV. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
- IX. Corporate Environment Responsibility:
 - I. The project proponent shall comply with the provisions contained in this Ministry 's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
 - II. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest I wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest I wildlife norms / conditions and / or shareholders I stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
 - III. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
 - IV. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
 - V. Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
 - VI. All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the plants shall be implemented.
- X. Miscellaneous:
 - I. The project proponent shall make public the environmental clearance granted for

- their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
- II. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
 - III. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
 - IV. The project proponent shall monitor the criteria pollutants level namely; PM₁₀, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
 - V. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
 - VI. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
 - VII. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
 - VIII. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
 - IX. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
 - X. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
 - XI. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
 - XII. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
 - XIII. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
 - XIV. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
 - XV. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India/High Courts and any other Court of Law relating to the subject matter.
 - XVI. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

4. Stone (Sand stone) Mining at Araj/Gata no. 428, Village- Dhuriya, Tehsil- Chunar , District-Mirzapur, Shri Sanjay Singh.,Area: 0.809. File No. 7104/Proposal No. SIA/UP/MIN/77287/2022

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 Ind Tech House Consult. 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 (Sandstone) Mining project at Araj no.428 Village-Dhuriya, Tehsil-Chunar, District-Mirzapur, U.P., (Leased Area 0.809 Ha).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/77287/2022		
2. File No. allotted by SEIAA, UP	7104		
3. Name of Proponent	Shri. Sanjay Singh		
4. Full correspondence address of proponent and mobile no.	Shri. Sanjay Singh R/O-Hinauti Mafi, Rastogi Talab, Tehsil- Chunar, Mirzapur 231302 U.P.		
5. Name of Project	Building Stone (Sandstone)		
6. Project location (Plot/Khasra/Gata No. / Araj No’/ Khand No.)	Araji/Gata No’-428		
7. Name of Village	Dhuriya		
8. Tehsil	Chunar		
9. District	Mirzapur (U.P.)		
10. Name of Minor Mineral	Building Stone (Sandstone) Mining Project		
11. Sanctioned Lease Area (in Ha.)	0.809 Ha.		
12. Mineable Area (in Ha.)	0.809 Ha		
13. Max. & Min mrl within lease area	Maximum & Minimum mRL is 112.0 mRl & 99.1 mRL respectively.		
14. Pillar Coordinates (Verified by DMO)	PILLER NO.	LATITUDE	LONGITUDE
	A	25° 02'43.1"N	83° 03'0.70"E
	B	25° 02'43.3"N	83° 03'6.66"E
	C	25° 02'42.0"N	83° 03'6.40"E
	D	25° 02'41.18"N	83° 03'0.70"E
15. Total Geological Reserves	3,36,883 m ³		
16. Total Mineable Reserve in LOI	24,270 m ³ per year		
17. Proposed Production/year	24,270 m ³ per year		
18. Sanctioned Period of Mine lease	20 Years		
19. Method of Mining	Open cast Manual/ Semi Mechanized Mining		
20. No. of working days	300		
21. Working hours/day	8 hours/day		
22. No. Of workers	Approximately 25 workers		
23. No. Of vehicles movement/day	9 Vehicles movement/day		
24. Type of Land	Government Land		
25. Ultimate Depth of Mining	18.0 m		
26. Nearest metalled road from site	1.0 km towards North East direction from the project site.		
27. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.25 KLD	
	Suppression of dust	5.1 KLD	
	Plantation	0.16 KLD	
	Others (if any)	-	
	Total	5.51 KLD	
28. Name of QCI Accredited Consultant with QCI No And period of validity.	Ind Tech House Consult Certificate No- NABET/EIA/1821/RA0098 Period of Validity- 24-7-2022		
29. Any litigation pending against the project or	NO		

land in any court	
30. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 207/Khanij/2022, Dated 24/05/2022
31. Details of Lease Area in approved DSR	Page No -48 Sr. No'-69 Shuddhi Patra vide Letter No'-125/Khanij/2022 dated 23.5.2022
32. Proposed EMP cost	Rs. 13,88,000/-
33. Proposed Total Project cost	Rs 97,42,000/-
34. Length and breadth of Haul Road	850 m length and 6.0 m width
35. No. of Trees to be Planted	80
36. Monitoring Period	March 2022 to May 2022 (Summer 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 17/06/2022 mentioning is as follows:

1. I, U.P.S Chauhan S/o Late. Surya Pal Singh Chauhan, am EIA Coordinator of Ind Tech House Consult.
2. I have prepared TOR Project for the Proposal No. (SIA/UP/MIN/77287/2021, File No-7104 Project Name- Shri Sanjay Singh for Building stone (Sandstone) Mining project at Arajai no.428 Village-Dhuriya, Tehsil-Chunar, District-Mirzapur, U.P., (Leased Area 0.809 Ha). with My Team.
3. I have personally visited the site of proposal.
4. I have satisfied with that all the necessary data/information required for TOR Project presentations are true and correct.
5. I certify that no mining activity has been undertaken on the project site for the present proposal.
6. I certify that this project has been uploaded for this first time on Parivesh portal. In case the project has been uploaded again due to any reason, the withdrawals of previous project have been accepted by SEIAA, UP on Parivesh Portal.
7. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.

RESOLUTION AGAINST AGENDA NO. 04

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 for 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.
2. EIA coordinator & FAE should give a photo 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. Combined KML of all mines in a cluster should be submitted at the time of EIA.
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. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
6. 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.
7. 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.
8. Proposed plantation 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.
9. 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.
10. 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.
11. Revised Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.

5. Silica Sand Mining at Gata No part of 522, Village-Aswan (block 01), Tehsil-Bara, District-Prayagraj, Shri Satyadev Mishra, Area – 15.75 ha. File No. 7108/Proposal No. SIA/UP/MIN/77319/2022

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 for “Silica Sand Mine” at Gata No – part of 522 at Village-Aswan (block 01), Tehsil-Bara, District-Prayagraj, Uttar Pradesh, (Leased Area – 15.75 ha), M/s Shree Bajrang Road lines.
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/77319/2022
2.	File No. allotted by SEIAA, UP	7108
3.	Name of Proponent	M/s Shree Bajrang Road lines Shri Satyadev Mishra (partner) S/o Ayodhya prasad Mishra R/o – Village – Jaamo, Post – Gaurajaamo Tehsil – Gauriganj, District – Amethi, UP
4.	Full correspondence address of proponent and mobile no.	singhmukesh202@gmail.com 9415137504
5.	Name of Project	“Silica Sand Mine” at Gata No – part of 522 Area – 15.75 ha at Village-Aswan (block 01), Tehsil-Bara, District-Prayagraj, Uttar Pradesh of M/s Shree Bajrang Road lines.
6.	Project Location (Plot. Khasra/Gata No.)	Gata No – part of 522 Area – 15.75 ha at Village-Aswan (Block 01)
7.	Name of River	Silica Sand Mine Project (Nearest River Yamuna – 7.40Km (N))
8.	Name of Village	Aswan
9.	Tehsil	Bara

10.	District	Prayagraj		
11.	Name of Minor Mineral	Silica Sand Mine		
12.	Sanctioned Lease Area (in Ha.)	Area- 15.75 ha		
13.	Max. & Min mRL within lease area	Highest mRL 131.10 mRL & Lowest mRL 104.0 mRL		
14.	Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude
		A	25°17'9.80"N	81°40'10.52"E
		B	25°17'3.70"N	81°40'31.87"E
		C	25°17'1.28"N	81°40'30.98"E
		D	25°16'53.09"N	81°40'33.95"E
		E	25°16'54.60"N	81°40'26.79"E
		F	25°16'52.99"N	81°40'26.37"E
		G	25°17'7.61"N	81°40'9.54"E
15.	Total Geological Reserves	Silica sand – 39, 89,643 m ³ (60%) Stone – 34, 86,176 m ³ (40 %)		
16.	Total Mineable Reserve	Silica sand – 33, 17,748 m ³ (60%) Stone – 22, 11,832 m ³ (40 %)		
17.	Total Proposed Production	Silica sand – 2,34,215 m ³ (5 years) Stone – 1,56,145 m ³ (5 years)		
18.	Proposed Production /year (as per LoI)	Silica sand – 46,843 m ³ (60%) Stone – 31,229 m ³ (40 %)		
19.	Sanctioned Period of Mine lease	5 years		
20.	Production of mine/day	Silica sand - 156 m ³ /day Stone- 104 m ³ /day		
21.	Method of Mining	Opencast, /Semi-mechanized method		
22.	No. of working days	300		
23.	Working hours/day	8		
24.	No. of worker	74		
25.	No. of vehicles movement/day	20		
26.	Type of Land	Govt./Non Forest Land		
27.	Depth of Mining	12.0 m		
28.	Nearest metalled road from site	0.30 km		
29.	Water Requirement	PURPOSE		
		Drinking - 0.74 KLD		
		Suppression of dust - 3.60 KLD		
		Plantation - 16.0 KLD		
		Others (if any) - 0.00 KLD		
		Total ~ 20.0 KLD		
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	Paramarsh Servicing Environment and development NABET/EIA/2124 RA 0224, Valid till –01 May 2024		
31.	Any litigation pending against the project or land in any court	No		
32.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No –4894/Khanij/2021-22, dated - 04/02/2022		
33.	Details of Lease Area in approved DSR	Serial no.04		
34.	Project Cost	1.50 Crore		
35.	Proposed CER cost	3.0 lacs		
36.	Length and breadth of Haul Road	Length – 0.30 km, Breadth – 6.00 m		
37.	No. of Trees to be Planted	16,000		

- 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.

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

The consultant (EIA Coordinator) also submitted an affidavit dated 13/06/2022 mentioning is as follows:

1. I Pankaj Srivastava S/o Shri V.V. Srivastava is EIA Coordinator of M/s PARAMARSH (Servicing Environment and Development, Lucknow).
2. I have prepared Form-1, Pre-feasibility report for the proposed “Silica Sand Mine” at Gata No – part of 522 at Village-Aswan (block 01), Tehsil-Bara, District-Prayagraj, Uttar Pradesh, (Leased Area – 15.75 ha), M/s Shree Bajrang Road lines, proposal no. SIA/UP/MIN/77319/2022 with my team.
3. I have personally visited the site of proposal.
4. I have satisfied with that all the necessary data/information required for Form-1, Pre-feasibility report preparation are true and correct.
5. I certify that no mining activity has been undertaken on the project site for the present proposal.
6. I certify that this project has been uploaded for this first time on Parivesh portal.
7. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.

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. To ensure proper monitoring, the project proponent/consultant should provide evidence in for 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.
2. EIA coordinator & FAE should give a photo 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. Combined KML of all mines in a cluster should be submitted at the time of EIA.
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. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
6. 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.
7. 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.
8. Proposed plantation 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.
9. 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.
10. 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.
11. Revised Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.

6. Sand Stone Mining at Araj No. 732, SI No. 05, Village- Bhagautidei, Tehsil- Chunar, Mirzapur, Shri Sriram Mourya., Area 0.909 ha. File No. 7109/Proposal No. SIA/UP/MIN/77325/2022

The committee noted that a complaint letter dated 18/06/2022 of Shri Yashvir Singh Chaudhary, RQP has been received in Secretariat on 20/06/2022. In compliant letter he has mentioned that mining plan of file no. 7109, proposal no. SIA/UP/MIN/77325/2022 uploaded on Parivesh portal and certificate and name of RQP in mining plan mentioned as Yashvir Singh Chaudhary but the mining plan has not been prepared and signed by me. They have requested to take necessary action in this regard.

The committee discussed the matter and opined that the compliant letter should be immediately sent to Directorate of Geology and mining for factual report along with compliant letter.

The matter shall be discussed after receipt of information from DGM, U.P.

7. Sand Stone Mining at Araj No. 03, SI No. 12, Village- Chakjata, Tehsil- Chunar, Mirzapur, Shri Sriram Mourya. Area: 2.0200 ha. File No. 7110/Proposal No. SIA/UP/MIN/77351/2022

The committee noted that a complaint letter dated 18/06/2022 of Shri Yashvir Singh Chaudhary, RQP has been received in Secretariat on 20/06/2022. In compliant letter he has mentioned that mining plan of file no. 7110, proposal no. SIA/UP/MIN/77351/2022 uploaded on Parivesh portal and certificate and name of RQP in mining plan mentioned as Yashvir Singh Chaudhary but the mining plan has not been prepared and signed by me. They have requested to take necessary action in this regard.

The committee discussed the matter and opined that the compliant letter should be immediately sent to Directorate of Geology and mining for factual report along with compliant letter.

The matter shall be discussed after receipt of information from DGM, U.P.

8. Stone, Khanda, Boulder, Ballast (Gitty) Mining at Araz No. 1093 Kha, Vill.- Makarbai, Tehsil-Sadar, Mahoba, Shri Beependra Singh. Area: 2.630 ha. File No. 7111/6646/Proposal No. SIA/UP/MIN/77295/2021

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

1. The environmental clearance is sought for Makarbai Building Stone or Khanda, Boulder, Ballast (Gitty) Mine at Araz No. 1093 Kha Area 2.63 ha in Village- Makarbai, Tehsil- Sadar, District- Mahoba, U.P., (Leased Area 2.63 ha).
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 451/Parya/SEIAA/6646/2021, dated 08/01/2022.
3. The public hearing was organized on 12/04/2022. Final EIA report submitted by the project proponent on 27/05/2022.
4. Salient features of the project as submitted by the project proponent:

5. On-line proposal No.	SIA/UP/MIN/77295/2021
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6. File No. allotted by SEIAA, UP	7111/6646		
7. Name of Proponent	Prop: Shri Beependra Singh S/o Shri Kamlesh Singh		
8. Full correspondence address of proponent and mobile No.	R/o Village- Raipura Khurd, Tehsil and District- Mahoba (U.P.)		
	Mobile No-		
	Email-		
9. Name of Project	Makarbai Building Stone or Khanda, Boulder, Ballast (Gitty) Mining project		
10. Project location (Plot/Khasra/Gata No.)	Arazi No. 1093 Kha		
11. Name of River	-		
12. Name of Village	Makarbai		
13. Tehsil	Sadar		
14. District	Mahoba		
15. Name of Minor Mineral	Building Stone or Khanda, Boulder, Ballast (Gitty)		
16. Sanctioned Lease Area (in Ha.)	2.63 ha		
17. Max & Min mRL within lease area	Max- 192.0 mRL & 174.0 mRL		
18. Pillar Coordinates (Verified by DMO)	Sanctioned Mining Lease Area		
	Pillar No.	Latitude	Longitude
	A	25°20'33.90"N	79°59'47.91"E
	B	25°20'33.09"N	79°59'50.23"E
	C	25°20'29.82"N	79°59'51.54"E
	D	25°20'26.34"N	79°59'50.14"E
	E	25°20'26.87"N	79°59'47.75"E
	F	25°20'28.47"N	79°59'45.52"E
	G	25°20'32.74"N	79°59'46.20"E
19. Total Geological Reserves	12,74,937 Cum		
20. Total Mineable Reserves in LOI	76,928 Cum/year		
21. Total Proposed Production	76,928 Cum/year		
22. Proposed Production/year	76,928 cum		
23. Sanctioned Period of Mine lease	Maximum 20 years		
24. Production of mine/day	295.87		
25. Method of Mining	Open Cast Semi-mechanized Method		
26. No. of working days	260 days		
27. Working hours/day	8 hrs		
28. No. of workers	52		
29. No. of vehicles movement/day	6		
30. Type of Land	Government waste land		
31. Ultimate Depth of Mining	48		
32. Nearest metalled road from site	0.8 km		
33. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.52	
	For toilets	0.52	
	Suppression of dust	2.80	
	Plantation	5.30	
	Others (if any)	-	
	Total	9.14	
34. Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt. Ltd. 1922, validity= 03-02-2022		
35. Any litigation pending against the project or land in any court	No		
36. Details of 500 m Cluster Map & certificate issued by Mining Officer	Yes, certified		
37. Details of Lease Area in approved DSR	Yes, given in the DSR		
38. Proposed CER cost	Rs 1,66,000/-		
39. Proposed EMP cost	Capital Cost-Rs 27,96,000/- including CER Recurring Cost- 5,08,000/-		

40. Length and breadth of Haul Road	Length: 231 km, width: 6 m
41. No. of Trees to be Planted	2630 plants

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

The consultant (EIA Coordinator) also submitted an affidavit dated 20/06/2022 mentioning is as follows:

1. I Ankur Sharma S/o Lalit Mohan Sharma am EIA Coordinator of Cognizance Research India Pvt. Ltd.
2. I have prepared EIA project for the Proposal (SIA/UP/MIN/77295/2022) File No. 7111/6646 of Makarbai Building Stone or Khanda, Boulder, Ballast (Gitty) Mine at Arazi No. 1093 Kha Area 2.63 ha in Village- Makarbai, Tehsil- Sadar, District- Mahoba, U.P., (Leased Area 2.63 ha) with my team.
3. I have personally visited the site of proposal.
4. I have satisfied with that all the necessary data/information required for EIA project preparations are true and correct.
5. I certify that no mining activity has been undertaken on the project site for the present proposal.
6. I certify that this project has been uploaded for the first time on Parivesh Portal. In case the project has been uploaded again due to any reason, the withdrawal of previous project has been accepted by SEIAA, UP on Parivesh Portal.
7. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.
8. I state that all the TOR Points have been complied and all the issues raised during Public Hearing have been properly addressed in EIA report.

RESOLUTION AGAINST AGENDA NO. 08

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

1. The project proponent shall install solar light in their site office.
2. During the submission of 6 monthly compliance reports, the project proponent should make sure that the periodically taken site photographs should also be annexed along with the compliance report.
3. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
4. The maximum height of the bench should be 06 meters and the width of the bench should be at least twice the height of the bench as per the mine plan approval letter by DGM, U.P
5. In case the blasting is proposed during a mining operation, the project proponent needs to assess its impact on the displacement of human beings/wild animals/birds/other species, and the suitable measures proposed and taken for their rehabilitation and resettlement need to be clearly described in first 6 monthly compliance report.

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

9. Soil Mine, Khasra/Gata No.311Ka, Village-Jata, Tehsil -Nawabganj, District-Barabanki, Shri Mukesh Kumar, Area- 0.843 ha. File No. 7116/Proposal No. SIA/UP/MIN/275215/2022

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 UP. 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 Mining at Araj/Gata no.- 311Ka, Village-Jata, Tehsil-Nawabganj, District-Barabanki, U.P., (Leased Area-0.843 ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/275215/2022
2.	File No. allotted by SEIAA, UP	7116
3.	Name of Proponent	Mukesh Kumar S/o Sant Saran
4.	Full correspondence address of proponent and mobile no.	Mukesh Kumar S/o Sant Saran R/o Village- Barauli, Tehsil Nawabganj, Barabanki, Uttar Pradesh. Mobile no.- E-mail Id- smukeshkumar5418@gmail.com
5.	Name of Project	Ordinary Earth Mining Village –Jata, Tehsil-Nawabganj, District–Barabanki, Uttar Pradesh
6.	Project Location (Plot.Khasra/Gata No.)	Gata No. –311Ka, Village –Jata, Tehsil-Nawabganj, District–Barabanki, Uttar Pradesh
7.	Name of River	NA
8.	Name of Village	Jata
9.	Tehsil	Nawabganj
10.	District	Barabanki
11.	Name of Minor Mineral	Soil Mining
12.	Sanctioned Lease Area (in Ha.)	0.843 ha.
13.	Max. & Min mRL within lease area	Highest-111mRL & Lowest-110mRL
14.	Pillar Coordinates (Verified by	Plot Points Latitude Longitude

	DMO)	No.			
		311 Ka	A	26°50'19.15"N	81° 8'30.27"E
			B	26°50'17.49"N	81° 8'32.81"E
			C	26°50'15.13"N	81° 8'31.43"E
			D	26°50'15.90"N	81° 8'28.31"E
15.	Total Geological Reserves	18546 m ³			
16.	Total Mineable Reserve (as per Approved Mine Plan)	16691 m ³			
17.	Total Proposed Production	10000 m ³ (for 3 months)			
18.	Proposed Production (In 3 months)	10000 m ³ (for 3 months)			
19.	Sanctioned Period of Mine lease	03 months			
20.	Method of Mining	Opencast, Semi-Mechanized			
21.	No. of working days	90			
22.	Working hours/day	8			
23.	No. of worker	15			
24.	No. of vehicles movement/day	09			
25.	Type of Land	Private land			
26.	Ultimate of Depth of Mining	2.2m			
27.	Nearest metalled road from site	100m			
28.	Water Requirement	PURPOSE	REQUIREMENT (KLD)		
		Drinking	0.15 KLD		
		Suppression of dust	0.40 KLD		
		Plantation	0.10 KLD		
		Total	0.65 KLD		
29.	Name of QCI Accredited Consultant with QCI No and period of validity.	PARAMARSH (Servicing Environment and Development) Lucknow UP Certificate no. NABET/EIA/2124/RA 0224 Valid Till May 01,2024			
30.	Any litigation pending against the project or land in any court	No			
31.	Details of 500 m Cluster Certificate verified by Mining Officer	vide letter no. 31/AJA-II dated 27.05.2022			
32.	Details of Lease Area in approved DSR	0.843 ha.			
33.	Proposed CER cost	Rs. 11000			
34.	Proposed EMP cost	Total project cost- Rs 5.5 Lakhs			
35.	Length and breadth of Haul Road	100m & 6m			
36.	No. of Trees to be Planted	50			

3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
4. 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 11/06/2022 mentioning is as follows:

1. I Surendra Vikram Ghavri S/o Shri Pratap Kumar is EIA Coordinator of M/s PARAMARSH (Servicing Environment and Development, Lucknow).
2. I have prepared EC application report for the (Proposal No. SIA/UP/MIN/275215/2022, soil mine by Shri Mukesh Kumar with my team.
3. I have personally visited the site of proposal.
4. I have satisfied with that all the necessary data/information required for EC application preparation are true and correct.
5. I certify that no mining activity has been undertaken on the project site for the present proposal.
6. I certify that this project has been uploaded for this first time on Parivesh portal.
7. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.

RESOLUTION AGAINST AGENDA NO. 09

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

10. Stone (Khanda, Boulder, Bailast (Gitti) & Pahari Red Morram” at Gata No.- 2628, Village- Pahra, Tehsil- Mahoba, District-Mahoba, U.P. Shri Rituraj Singh , Area : 1.526 ha. File No. 7115/Proposal No. SIA/UP/MIN/77471/2022

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 for “Building Stone (Khanda, Boulder, Bailast (Gitti)) & Pahari Red Morram” Project at Gata No.- 2628 , Village- Pahra, Tehsil- Mahoba, District- Mahoba, U.P., (Leased Area : 1.526 ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/74793/2022		
2.	File No. allotted by SEIAA, UP	7115		
3.	Name of Proponent	Shri Rituraj Singh S/o Shri Yuvaraj Singh		
4.	Full correspondence address of proponent	R/o- Mohalla- Kailashpuri, Chhoti Bazar, Thana Kotwali Nagar, District-Banda U.P.		
5.	Name of Project	“Building Stone (Khanda, Boulder, Bailast (Gitti)) & Pahari Red Morram” Mining Project		
6.	Project location (Plot/ Khasra /Gata No.)	Gata No.- 2628		
7.	Name of Village	Pahra		
8.	Tehsil	Mahoba		
9.	District	Mahoba		
10.	Name of Minor Mineral	Building Stone (Khanda, Boulder, Bailast (Gitti)) & Pahari Red Morram)		
11.	Sanctioned Lease Area (in Ha.)	1.526 ha.		
12.	Max.& Min mRL within lease area	186 mRL- 171 mRL		
13.	Pillar Coordinates (Verified by DMO)	Pillars	Latitude (N)	Longitude (E)
		A	25 ^o 20' 31.981“N	80 ^o 03' 56.253“E
		B	25 ^o 20' 32.525“N	80 ^o 03' 57.676“E
		C	25 ^o 20' 32.564“N	80 ^o 03' 59.144“E

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		D	25° 20' 31.689°N	80° 04' 02.100°E
		E	25° 20' 30.062°N	80° 04' 02.100°E
		F	25° 20' 29.522°N	80° 04' 00.116°E
		G	25° 20' 30.214°N	80° 03' 57.395°E
		H	25° 20' 30.610°N	80° 03' 56.656°E
		I	25° 20' 31.261°N	80° 03' 56.056°E
14.	Total Geological Reserves	1720710 m ³		
15.	Total Mineable Reserves	428534 m ³		
16.	Total Proposed Production (in five year)	209825 m ³		
17.	Proposed Production / year	Year	Production	
		1 st	41965 m ³	
		2 nd	41965 m ³	
		3 rd	41965 m ³	
		4 th	41965 m ³	
		5 th	41965 m ³	
		Total	209825 m ³	
18.	Sanctioned Period of Mine lease	10 Years		
19.	Method of Mining	Opencast Semi-Mechanized		
20.	No.of working days	300 days		
21.	Working hours/day	8 Hours/Day		
22.	No.Of workers	37 (approx.)		
23.	No.Of vehicle movement /day	12 (approx.)		
24.	Type of Land	Govt. revenue land		
25.	Ultimate Depth of Mining	9 meter (average)		
26.	Nearest metalled road from site	250m		
27.	Water Requirement	PURPOSE	REQUIREMENT (KLD)	
		Drinking & Others	0.40	
		Suppression of dust	1.50	
		Plantation	2.00	
		Others(if any)	-----	
Total	3.90			
28.	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- May 01, 2024		
29.	Any litigation pending against the project or land in any court	No		
30.	Details of 500 m Cluster certificate Verified by Mining Officer	DMO, Mahoba (Mining Section) vide Letter No. 2069/MMC-30/2021-22, Dated 26.10.2021		
31.	Details of Lease Area in approved DSR	Page No.-02, S.No.- 42		
32.	Proposed CER cost	1.50 Lakh		
33.	Proposed EMP cost	18.20 Lakh		
34.	Length and breadth of Haul Road.	Length- 250m, Width- more than 6.0 m		
35.	No. of Trees to be Planted	2000		

- 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 30/05/2022 mentioning is as follows:

1. I, Dr. Abdul Rahman S/o Sri Mohammad Khalid am EIA Coordinator of Paramarsh Servicing Environment and Development.
2. I will prepare EIA report for the File No. – 7115, Proposal No.- SIA/UP/MIN/77471/2022, of the client Shri Rituraj Singh S/o Shri Yuvaraj Singh for “Building Stone (Khanda, Boulder, Bailast (Gitti)) & Pahari Red Morram” Project at Gata No.-2628,Village- Pahra, Tehsil- Mahoba, District- Mahoba, U.P. (Applied Area : 1.526ha.) with my team.
3. I have personally visited the site of proposal along with my team.
4. I have satisfied with that all the necessary data/information required for EIA preparations are true and correct.
5. I certify that no mining activity has been undertaken on the project site for the present proposal.
6. I certify that this project has been uploaded for the first time on Parivesh Portal.
7. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.
8. 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.

RESOLUTION AGAINST AGENDA NO. 10

The committee discussed the matter and recommended to issue the standard terms of reference for the preparation of EIA as annexed at annexure-1 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 for 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.
2. EIA coordinator & FAE should give a photo 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. Combined KML of all mines in a cluster should be submitted at the time of EIA.
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. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
6. 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.
7. 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.
8. Proposed plantation 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.
9. 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.
10. 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.
11. Revised Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.

11. Stone Sand Stone Mining at Arazi No.-732 (Sl. No. 33) Village- Bhagautidei, Tehsil- Chunar, District: Mirzapur., Shri Rajesh Bhai Patel, M/s Shri RBP Industries Pvt. Ltd., Area: 1.01 ha. File No. 7094/Proposal No. SIA/UP/MIN/77017/2022

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

1. The terms of reference is sought for Bhagautidei Building Stone Sand Stone Mine at Arazi No 732 (Sl. No. 33), in Village- Bhagautidei, Tehsil- Chunar, District- Mirzapur, U.P., (Leased Area: 1.01 ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/ 77017 /2022		
2.	File No. allotted by SEIAA, UP	7094		
3.	Name of Proponent	Prop. Shri Rajesh Bhai Patel		
4.	Full correspondence address of proponent and mobile No.	R/o Ramrasahi, Patihata, District- Mirzapur, (U.P.)		
		Mobile No-		
		Email-		
5.	Name of Project	Bhagautidei Building stone Sand Stone Mining project		
6.	Project location (Plot/Khasra/Gata No.)	Arazi No. 732 (Sl. No. 33)		
7.	Name of River	-		
8.	Name of Village	Bhagautidei		
9.	Tehsil	Chunar		
10.	District	Mirzapur		
11.	Name of Minor Mineral	Building Stone Sand Stone		
12.	Sanctioned Lease Area (in Ha.)	1.01 ha		
13.	Max & Min mRL within lease area	Max- 110.0 mRL & 86.0 mRL		
14.	Pillar Coordinates (Verified by DMO)	Sanctioned Mining Lease Area		
		Pillar No.	Latitude	Longitude
		A	25° 03'24.6"N	82°59'36.1"E
		B	25° 03'24.5"N	82°59'38.2"E
		C	25° 03'18.1"N	82°59'39.2"E
		D	25° 03'18.1"N	82°59'37.1"E
15.	Total Geological Reserves	3,81,375 Cum		
16.	Total Mineable Reserves in LOI	10,100 Cum/year		
17.	Total Proposed Production	10,100 Cum/year		
18.	Proposed Production/year	10,100 Cum/year		
19.	Sanctioned Period of Mine lease	20 years		
20.	Method of Mining	Open Cast Semi-mechanized Method		
21.	No. of working days	260 days		
22.	Working hours/day	8 hrs		
23.	No. of workers	32		
24.	No. of vehicles movement/day	6		
25.	Type of Land	Government waste land		
26.	Ultimate Depth of Mining	24		
27.	Nearest metalled road from site	0.8 km		
28.	Water Requirement	PURPOSE		REQUIREMENT (KLD)
		Drinking		0.32
		Suppression of dust		3.20
		Plantation		2.02
		Others (if any)		0.32

	Total	5.86
29. Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt. Ltd. 1922, validity= 27-07-2022	
30. Any litigation pending against the project or land in any court	No	
31. Details of 500 m Cluster Map & certificate issued by Mining Officer	Yes, certified	
32. Details of Lease Area in approved DSR	Yes, given in the DSR	
33. Proposed CER cost	Rs 1,43,000/-	
34. Proposed EMP cost	Capital Cost-Rs 13,55,000/- including CER Recurring Cost- 4,08,000/-	
35. Length and breadth of Haul Road	Length: 0.265 km, width: 6 m	
36. No. of Trees to be Planted	1010 plants	

3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
4. 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 20/06/2022 mentioning is as follows:

1. I Ankur Sharma S/o Lalit Mohan Sharma am EIA Coordinator of Cognizance Research India Pvt. Ltd.
2. I have prepared TOR project for the Proposal (SIA/UP/MIN/77017/2022) File No. 7094 of Bhagautidei Building stone Sand Stone Mining project located at Arazi No. 732 (Sl. No. 33) Village- Bhagautidei, Tehsil- Chunar, District- Mirzapur, U.P. with my team.
3. I have personally visited the site of proposal.
4. I have satisfied with that all the necessary data/information required for TOR project preparations are true and correct.
5. I certify that no mining activity has been undertaken on the project site for the present proposal.
6. I certify that this project has been uploaded for the first time on Parivesh Portal. In case the project has been uploaded again due to any reason, the withdrawal of previous project has been accepted by SEIAA, UP on Parivesh Portal.
7. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.

RESOLUTION AGAINST AGENDA NO. 11

The committee discussed the matter and recommended to issue the standard terms of reference for the preparation of EIA as annexed at annexure-1 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 for 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.

2. EIA coordinator & FAE should give a photo 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. Combined KML of all mines in a cluster should be submitted at the time of EIA.
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. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
6. 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.
7. 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.
8. Proposed plantation 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.
9. 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.
10. 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.
11. Revised Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.

12. Stone (sandstone) Mining at Gata no. 703, Sl No. 04, Village- Bhagautidei, Tehsil-Chunar, District-Mirzapur, Smt. Kiran Singh., M/s Divyansh Construction Company, area- 1.01 Ha. File No. 6702/Proposal No. SIA/UP/MIN/68993/2021

The committee noted that the matter was earlier listed in 660th SEAC meeting dated 27/05/2022 and directed is as follows:

“During the presentation any responsible person did not present in the meeting from the project proponent side. Hence, the committee decided to defer the matter and directed to list the matter after online request received from project proponent on prescribed portal.”

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

1. The environmental clearance is sought for Building Stone (Sandstone) Mining at , Araj/Gata no.- 703, S l. No. 04, Village-Bhagautidei, Tehsil-Chunar & District-Mirzapur, U.P., (Leased Area- 1.01 ha.), M/s Divyansh Construction Company.
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 437/Parya/SEIAA/6702/2021, dated 07/01/2022.
3. The public hearing was organized on 06/04/2022. Final EIA report submitted by the project proponent on 12/05/2022.
4. Salient features of the project as submitted by the project proponent:

Minutes of 666th SEAC-1 Meeting Dated 21/06/2022

1.	On-line proposal No.	SIA/UP/MIN/68993/2021																						
2.	File No. allotted by SEIAA, UP	6702																						
3.	Name of Proponent	Smt. Kiran Singh																						
4.	Full correspondence address of proponent and mobile no.	M/s Divyansh Construction Company (Smt. Kiran Singh) R/o Gayatri, Pandeypur, District- Varanasi Mobile no.- E-mail Id- divyanshconstruction5418@gmail.com																						
5.	Name of Project	Building stone (Sandstone) Mining Village –Bhagautidei, Tehsil- Chunar, District– Mirzapur, Uttar Pradesh																						
6.	Project Location (Plot.Khasra/Gata No.)	Gata No. – 703, Village –Bhagautidei, Tehsil- Chunar, District–Mirzapur, Uttar Pradesh																						
7.	Name of River	NA																						
8.	Name of Village	Bhagautidei																						
9.	Tehsil	Chunar																						
10.	District	Mirzapur																						
11.	Name of Minor Mineral	Building stone (Sandstone) Mining																						
12.	Sanctioned Lease Area (in Ha.)	1.01 ha.																						
13.	Max. & Min mRL within lease area	Highest mRL is 104 & Lowest is 98mRL																						
14.	Pillar Coordinates (Verified by DMO)	<table><tr><td>Pillars</td><td>N</td><td>E</td></tr><tr><td>A</td><td>25° 3'53.00"N</td><td>82°59'33.90"E</td></tr><tr><td>B</td><td>25° 3'49.40"N</td><td>82°59'33.70"E</td></tr><tr><td>C</td><td>25° 3'49.40"N</td><td>82°59'31.70"E</td></tr><tr><td>D</td><td>25° 3'51.00"N</td><td>82°59'31.70"E</td></tr><tr><td>E</td><td>25° 3'52.00"N</td><td>82°59'27.00"E</td></tr><tr><td>F</td><td>25° 3'53.00"N</td><td>82°59'27.10"E</td></tr></table>		Pillars	N	E	A	25° 3'53.00"N	82°59'33.90"E	B	25° 3'49.40"N	82°59'33.70"E	C	25° 3'49.40"N	82°59'31.70"E	D	25° 3'51.00"N	82°59'31.70"E	E	25° 3'52.00"N	82°59'27.00"E	F	25° 3'53.00"N	82°59'27.10"E
Pillars	N	E																						
A	25° 3'53.00"N	82°59'33.90"E																						
B	25° 3'49.40"N	82°59'33.70"E																						
C	25° 3'49.40"N	82°59'31.70"E																						
D	25° 3'51.00"N	82°59'31.70"E																						
E	25° 3'52.00"N	82°59'27.00"E																						
F	25° 3'53.00"N	82°59'27.10"E																						
15.	Total Geological Reserves	4,90,158 m ³																						
16.	Total Mineable Reserve (as per Approved Mine Plan)	1,64,736 m ³																						
17.	Total Proposed Production (in 5 Years)	151500 m ³ /year (Total in 5 Years)																						
18.	Proposed Production /year	30300 m ³ /year																						
19.	Sanctioned Period of Mine lease	20 years																						
20.	Method of Mining	Opencast, Semi-Mechanized																						
21.	No. of working days	260																						
22.	Working hours/day	8																						
23.	No. of worker	30																						
24.	No. of vehicles movement/day	03																						
25.	Type of Land	Revenue land																						
26.	Ultimate of Depth of Mining	Upto 74mRL																						
27.	Nearest metalled road from site	140m																						
28.	Water Requirement	<table><tr><td>PURPOSE</td><td>REQUIREMENT (KLD)</td></tr><tr><td>Drinking</td><td>0.30 KLD</td></tr><tr><td>Suppression of dust</td><td>0.56 KLD</td></tr><tr><td>Plantation</td><td>2.0 KLD</td></tr><tr><td>Others (if any)</td><td>-</td></tr><tr><td>Total</td><td>2.86 KLD</td></tr></table>		PURPOSE	REQUIREMENT (KLD)	Drinking	0.30 KLD	Suppression of dust	0.56 KLD	Plantation	2.0 KLD	Others (if any)	-	Total	2.86 KLD									
PURPOSE	REQUIREMENT (KLD)																							
Drinking	0.30 KLD																							
Suppression of dust	0.56 KLD																							
Plantation	2.0 KLD																							
Others (if any)	-																							
Total	2.86 KLD																							
29.	Name of QCI Accredited Consultant with QCI No and period of validity.	PARAMARSH (Servicing Environment and Development) Lucknow UP Certificate no. NABET/EIA/2124/RA 0224 Valid Till May 01,2024																						
30.	Any litigation pending against the project or land in any court	No																						

31.	Details of 500 m Cluster Certificate verified by Mining Officer	vide letter no. 2077/khanij/2021
32.	Details of Lease Area in approved DSR	1.01 ha.
33.	Proposed CER cost	2.58 lakh
34.	Proposed EMP cost	Total project cost- Rs. 1.29 Cr
35.	Length and breadth of Haul Road	140m & 6m
36.	No. of Trees to be Planted	1000

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

The consultant (EIA Coordinator) also submitted an affidavit dated 25/05/2022 mentioning is as follows:

1. I Surendra Vikram Ghavri S/o Shri Pratap Kumar is EIA Coordinator of M/s PARAMARSH (Servicing Environment and Development, Lucknow).
2. I have prepared report for EIA/EMP for the (Proposal No. SIA/UP/MIN/68993/2022), Building stone (sandstone) mine by M/s Divyansh Construction Company, Smt. Kiran Singh with my team.
3. I have personally visited the site of proposal.
4. I have satisfied with that all the necessary data/information required for EIA/EMP application preparation are true and correct.
5. I certify that no mining activity has been undertaken on the project site for the present proposal.
6. I certify that this project has been uploaded for this first time on Parivesh portal.
7. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.
8. I state that all the TOR Points have been complied and all the issues raised during Public Hearing have been properly addressed in EIA report.

RESOLUTION AGAINST AGENDA NO. 12

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

1. The project proponent shall install solar light in their site office.
2. During the submission of 6 monthly compliance reports, the project proponent should make sure that the periodically taken site photographs should also be annexed along with the compliance report.
3. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
4. The maximum height of the bench should be 06 meters and the width of the bench should be at least twice the height of the bench as per the mine plan approval letter by DGM, U.P
5. In case the blasting is proposed during a mining operation, the project proponent needs to assess its impact on the displacement of human beings/wild animals/birds/other species, and the suitable

measures proposed and taken for their rehabilitation and resettlement need to be clearly described in first 6 monthly compliance report.

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

13. Soil Excavation at Gata No.-1421, 1428, 1429, Village- Malaha, Tehsil- Malihabad, Lucknow., Shri Gaurav Rajpal, M/s Rajpal Traders and Packagers., Area-1.6503 Ha. File No. 6274/Proposal No. SIA/UP/MIN/ 208001/2021

The committee noted that the matter was discussed in 470th SEIAA meeting dated 01/06/2021 and directed is as follows:

"SEIAA noted that SEAC has recommended to grant the prior Environmental Clearance to the proposed project. SEIAA gone through file and documents and found that in the LOI and mining plan approval letter dated 03.04.2021 etc. the depth of mining is mentioned as 2.3 meters and in the minutes of SEAC the depth is mentioned as 2.5 meters. Hence SEIAA opined to refer back the project to SEAC for review/comments."

As per the direction of SEIAA, the matter was listed 646th SEAC meeting dated 21/04/2022. The committee discussed the matter and directed the project proponent to submit clarification regarding mismatch in depth of mining mentioned in agreement and LoI, Mining Plan etc. The project proponent should submit corrected documents for further consideration of the matter.

The project proponent submitted their replies vide letter dated 16/06/2022 & 21/06/2022 and the matter was listed in 666th SEAC meeting dated 21/06/2022. A presentation was made by the project proponent along with their consultant M/s Environmental Research and Analysis. The project proponent informed that the ultimate depth of mining as per agreement and approved mining plan is 2.5 m & after removing the top soil of 0.2 m the minable depth remains only 2.3 m. the details has already given in mining plan. The excavated soil will be selling in open market except brick kiln & any other restricted commercial industry.

RESOLUTION AGAINST AGENDA NO. 13

The committee discussed the matter and recommended grant of environmental clearance for the project proposal (depth of mining 2.5 m (mineable depth 2.3 m)) along with general and specific conditions as earlier stipulated in 540th SEAC meeting dated 16/04/2021.

(Dr. Brij Bihari Awasthi)
Member

(Umesh Chandra Sharma)
Member

(Dr. Ratan Kar)
Member

(Shri Ashish Tiwari)
Member-Secretary, SEAC-1

(Rajive Kumar)
Chairman

Nodal, SEAC-1

MoM prepared by Secretariat in consultation with
Chairman & Members on the basis of decisions
taken by SEAC-1 during the meeting.

Annexure-1

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

A. General Conditions:

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

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

B. Specific Conditions:

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

12. Green belt development shall be carried out considering CPCB guidelines including the selection of plant species and in consultation with the local DFO / Agriculture Department. Herbs and shrubs shall also form a part of the afforestation programme besides tree plantation. The company shall involve local people in the plantation programme. Details of year-wise afforestation programme including rehabilitation of mined-out area shall be submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow every year.
13. Blast vibrations study shall be conducted and an observation report submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and UPPCB within six months. The report shall also include measures for the prevention of blasting associated impact on nearby houses and agricultural fields.
14. Controlled blasting techniques with sequential blasting shall be adopted. The blasting shall be carried out in the daytime only. The project proponent shall ensure prevention of displacement of human beings/wild animals/birds etc. and in case any such displacement is caused due to blasting/mining operation by any chance the project proponent shall take suitable measures for their rehabilitation and resettlement.
15. Appropriate arrangement for shelter and drinking water for the mining workers has to be ensured at the mining site.
16. Maintenance of village roads used for transportation of minerals is to be done by the company regularly at its own expenses. The link roads from mining area to main road shall be constructed as all-weather road with black topping and maintained by the project proponent.
17. The surface runoff rain water harvesting/rain water recharge and water conservation measures will be taken by project proponent in consultation with central /State ground water Board .The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flows from the mining area. The supernatant of the siltation basin and rain water harvested water shall be utilized for watering the haulage area, roads and green belt development etc.
18. Status of implementation shall be submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and UP Pollution Control Board within six months and thereafter every year from the next consequent year.
19. The self-environmental audit shall be conducted annually. Every three years third-party environmental audit shall be carried out.
20. Measures for prevention and control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion shall be carried out with geotextile matting or other suitable material, and thick plantations of native trees and shrubs shall be carried out at the dump slopes. Dumps shall be protected by retaining walls.
21. Trenches/garland drains shall be constructed at foot of dumps and coco filters installed at regular intervals to arrest silt from being carried to water bodies. An adequate number of Check Dams and Gully Plugs shall be constructed across seasonal/perennial nallahs if any flowing through the ML area and silts arrested. De silting at regular intervals shall be carried out.
22. Garland drain of appropriate size, gradient, and length shall be constructed for both mine pit and waste dump and sump capacity shall be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity shall also provide an adequate retention period to allow proper settling of silt material. Sedimentation pits shall be constructed at the corners of the garland drains and de silted at regular intervals.
23. Ground and surface water, if any in and near the core zone (within 5.0 km of the lease) shall be regularly monitored for contamination and depletion due to mining activity and records maintained. The monitoring data shall be submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and U.P. Pollution Control Board regularly. Further, monitoring points shall be located between the mine, and drainage in the direction of flow of groundwater shall be set up and records maintained.
24. Fugitive dust generation shall be controlled. Fugitive dust emission shall be regularly monitored at locations of nearest human habitation (including schools and other public amenities located nearest to sources of dust generation as applicable) and records submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and U.P. Pollution Control Board regularly.

25. Baseline data for ambient air quality shall be generated and maintained and RSPM level in ambient air in the nearby human habitation (villages) shall also be monitored along with other parameters.
26. Corporate Environmental Responsibility (CER) shall be by the project proponent and the details of the various heads of expenditure are to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with the installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of the beneficiary and gram Pradhan along with phone number, photographs should be submitted to Directorate as well as to the District Magistrate / Chief Development officers.
27. Transportation of minerals shall be done by covering the trucks with tarpaulin or other suitable mechanisms so that no spillage of mineral/dust takes place.
28. Occupational health and safety measures for the workers including identification of work-related health hazards, training on malaria eradication, HIV, and health effects on exposure to mineral dust, etc. shall be carried out. Periodic monitoring for exposure to respirable mineral dust on the workers shall be conducted and records maintained including the health records of the workers. Awareness programmes for workers on the impact of mining on their health and precautionary measures like the use of personal protective equipment etc. shall be carried out periodically. A review of the impact of various health measures shall be conducted followed by follow-up action wherever required.
29. The project proponent will ensure for employing local people as per requirement, necessary protection measures around the mine pit and waste dump, and garland drain around the mine pit and waste dump.
30. Topsoil / solid waste shall be stacked properly with proper slope and adequate safeguards and shall be utilized for backfilling (wherever applicable) for reclamation and rehabilitation of the mined-out area. Topsoil shall be separately stacked for utilization later for reclamation and shall not be stacked along with overburden.
31. Overburden (OB) shall be stacked at the earmarked dump site(s) only and shall not be kept active for long period. The maximum height of the dump shall not exceed 20 m, each stage shall preferably be of a maximum of 10 m and the overall slope of the dump shall not exceed 35°. The OB dump shall be backfilled. The OB dumps shall be scientifically vegetated with suitable native species to prevent erosion and surface runoff.
32. Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Regional Office, Ministry of Environment & Forests, GoI, Lucknow, and U.P. Pollution Control Board on a six-monthly basis.
33. The slope of the mining bench and ultimate pit limit shall be as per the mining scheme approved by the Indian Bureau of Mines.
34. Permission for the abstraction of groundwater shall be taken from Central Ground Water Board. Regular monitoring of ground and surface water sources for level and quality shall be carried out by establishing a network of existing wells and constructing new piezometers during the mining operation. The monitoring shall be carried out four times in a year i.e., premonsoon (April/May), monsoon (August), post-monsoon (November), and winter (January), and the data thus collected shall be regularly sent to MoEF&CC, Central Ground Water Authority, and Regional Director, Central Ground Water Board.
35. The wastewater from the mine shall be treated to conform to the prescribed standards before discharging into the natural stream. The discharged water from the Tailing Dam, if any shall be regularly monitored and report submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow, Central Pollution Control Board, and the State Pollution Control Board.
36. Hydrogeological study of the area shall be reviewed by the project proponent annually. In case the adverse effect on groundwater quality and quantity is observed mining shall be stopped and resumed only after mitigating steps to contain any adverse impact on groundwater is implemented.
37. Vehicular emissions shall be kept under control and regularly monitored. Vehicles used for transportation of minerals and others shall have valid permissions as prescribed under Central Motor Vehicle Rules, 1989 and its amendments. The vehicles transporting minerals shall be

- covered with a tarpaulin or other suitable enclosures so that no dust particles / fine matters escape during the period of transportation. No overloading of minerals for transportation shall be committed. The trucks transporting minerals shall not pass through the wildlife sanctuary if any in the study area.
38. Prior permission from the Competent Authority shall be obtained for the extraction of groundwater if any.
 39. A final mine closure plan, along with details of Corpus Fund, shall be submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and U.P. Pollution Control Board 5 years in advance of final mine closure for approval.
 40. Project Proponent shall explore the possibility of using solar energy where ever possible.
 41. Commitment towards CER has to be followed strictly.
 42. Regular health checkup record of the mineworkers has to be maintained at the site in a proper register. It should be made available for inspection whenever asked.
 43. Project Proponent has to strictly follow the direction/guidelines issued by MoEF&CC, CPCB, and other Govt. Agencies from time to time.
 44. The blasting will be done only after getting permission from the Mining Department.

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 vizgutkha 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.