

Minutes of 529th SEAC Meeting Dated 04/03/2021

The 529th meeting of SEAC was held in Directorate of Environment, U.P. on 04/03/2021. Following members were present in the SEAC meeting:

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

The Chairman welcomed the members to the 529th SEAC meeting which was conducted online. The SEAC unanimously took following decisions on the agenda points discussed:

1. Earth Mining at Gata No.-1288, 1289, Village- Katesar, The.-Laharpur, Sitapur., Shri PawanKumar.,Area: 0.562 ha File No. 6130/Proposal No. SIA/UP/MIN/193274/2021

RESOLUTION AGAINST AGENDA NO-01

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

2. Soil Excavation at Gata No.-366, 367, Village- Kakarghata, Tehsil & District- Moradabad., Shri Pappi Chaudhari Area-3.072 Ha File No. 6137/Proposal No. SIA/UP/MIN/194912/2021

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

1. The environmental clearance is sought for “Ordinary Soil Excavation” Project at Gata No.-366, 367, Village-Kakarghata, Tehsil & District- Moradabad, Uttar Pradesh. Area:3.072 Ha.; Pappi Choudhary.
2. Salient features of the project as submitted by the project proponent:

1.	On Line Proposal No.	SIA/UP/MIN/194912/2021
2.	File No. allotted by SEIAA, UP	6137
3.	Name of Proponent	Shri Pappi Choudhary
4.	Full correspondence address of proponent and mobile no.	R/o Vill-Chamraua P.O-Akka Dilari Tehsil-& District-Moradabad U.P.
5.	Name of Project	Area:3.072 Ha. Proposed “Ordinary Soil Excavation” Project at Gata No.-366, 367, Village-Kakarghata, Tehsil & District-Moradabad, Uttar Pradesh.; Pappi Choudhary
6.	Project Location(Plot.Khsra/Gata No.)	366 & 367

7.	Name of Village	Kakarghata																									
8.	Tehsil	Moradabad																									
9.	District	Moradabad																									
10.	Name of Minor Mineral	Ordinary Soil Excavation																									
11.	Sanctioned Lease Area (in Ha.)	3.072 Ha																									
12.	Max. & Min mRL within lease area	192 mRL to 190 mRL																									
13.	Pillar Coordinates (Verified by DMO)	<table><tr><td>GATA NO.</td><td>366</td></tr><tr><td>A</td><td>28°50'16.98"N 78°52'1.98"E</td></tr><tr><td>B</td><td>28°50'21.75"N78°52'6.80"E</td></tr><tr><td>C</td><td>28°50'20.97"N 78°52'7.96"E</td></tr><tr><td>D</td><td>28°50'15.99"N 78°52'3.03"E</td></tr><tr><td>GATA NO.</td><td>367</td></tr><tr><td>A</td><td>28°50'13.14"N, 78°52'0.26"E</td></tr><tr><td>B</td><td>28°50'20.79"N, 78°52'8.11"E</td></tr><tr><td>C</td><td>28°50'20.03"N , 78°52'9.27"E</td></tr><tr><td>D</td><td>28°50'13.39"N, 78°52'2.47"E</td></tr><tr><td>E</td><td>28°50'13.73"N, 78°52'1.82"E</td></tr><tr><td>F</td><td>28°50'12.72"N, 78°52'0.78"E</td></tr></table>		GATA NO.	366	A	28°50'16.98"N 78°52'1.98"E	B	28°50'21.75"N78°52'6.80"E	C	28°50'20.97"N 78°52'7.96"E	D	28°50'15.99"N 78°52'3.03"E	GATA NO.	367	A	28°50'13.14"N, 78°52'0.26"E	B	28°50'20.79"N, 78°52'8.11"E	C	28°50'20.03"N , 78°52'9.27"E	D	28°50'13.39"N, 78°52'2.47"E	E	28°50'13.73"N, 78°52'1.82"E	F	28°50'12.72"N, 78°52'0.78"E
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C	28°50'20.97"N 78°52'7.96"E																										
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C	28°50'20.03"N , 78°52'9.27"E																										
D	28°50'13.39"N, 78°52'2.47"E																										
E	28°50'13.73"N, 78°52'1.82"E																										
F	28°50'12.72"N, 78°52'0.78"E																										
14.	Total Geological Reserves	67,584 m ³ /six months																									
15.	Total Mineable Reserve in LOI	49000 m ³ /six months																									
16.	Total Proposed Production in LOI	49000 m ³ /six months																									
17.	Total Proposed Production in 6 Months	49000 m ³																									
18.	Sanctioned Period of Mine lease	6 months																									
19.	Production of mine/day	272 m ³ /Day																									
20.	Method of Mining	Open cast Manual / Semi Mechanized Mining Method																									
21.	No. of working days	180 Days																									
22.	Working hours/day	8 Hours																									
23.	No. of worker	24 Workers																									
24.	No. of vehicles movement/day	30 Trucks/ Day (Depending on market demand)																									
25.	Type of Land	Pvt. Land(Agriculture)																									
26.	Ultimate of Depth of Mining	2.2																									
27.	Nearest metalled road from site	1.30Km																									
28.	Water Requirement	PURPOSE	REQUIREMENT (KLD)																								
		Drinking	0.24 KLD																								
		Suppression of dust	1.98 KLD																								
		Plantation	0.50 KLD																								
		Others (if any)																									
		Total	2.7 KLD (Approx 3.0 KLD)																								
29.	Name of QCI Accredited Consultant with QCI No and period of validity.	Ind Tech House Consult QCI No.- NABET/EIA/1821/RA0098 Period of Validity- 30-04-2021																									
30.	Any litigation pending against the project or land in any court	No																									
31.	Details of 500 m Cluster Map & Certificate verified by Mining Officer	Letter No-696/Khanij Sahayak/2021 Date- 5.1.2021																									
32.	Proposed CER cost	2% of total project cost i.e. Rs.49 Thousand																									
33.	Proposed EMP cost	3.06 Lakhs																									

34.	Length and breadth of Haul Road	330 m Length & 6m width haulage road
35.	No. of Trees to be Planted	25 Trees

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

RESOLUTION AGAINST AGENDA NO-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-2 to these minutes regarding Soil Earth mining project.

3. Soil Excavation at Gata No.-369, Village-Kakarghata, District- Moradabad., Shri Nazim Ali, Area-1.866 Ha File No. 6142/Proposal No. SIA/UP/MIN/195270/2021

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

- The environmental clearance is sought for “Ordinary Soil Excavation” Project at Gata No.–369, Village-Kakarghata, Tehsil & District- Moradabad, Uttar Pradesh, (Leased Area:1.866 Ha.).
- Salient features of the project as submitted by the project proponent:

1.	On Line Proposal No.	SIA/UP/MIN/195270/2021	
2.	File No. allotted by SEIAA, UP	6142	
3.	Name of Proponent	Shri Nazim Ali	
4.	Full correspondence address of proponent and mobile no.	Vill- Rampur Bheela, P.O- Sarkara Khas Tehsil & District- Moradabad (U.P	
5.	Name of Project	Area:1.866 Ha Proposed “Ordinary Soil Excavation” Project at Gata No.–369, Village-Kakarghata, Tehsil & District- Moradabad, Uttar Pradesh.;Shri Nazim Ali	
6.	Project Location(Plot.Khsra/Gata No.)	369	
7.	Name of Village	Kakarghata	
8.	Tehsil	Moradabad	
9.	District	Moradabad	
10.	Name of Minor Mineral	Ordinary Soil Excavation	
11.	Sanctioned Lease Area (in Ha.)	1.866 Ha.	
12.	Max. & Min mRL within lease area	192 mRL to 190 mRL	
13.	Pillar Coordinates (Verified by DMO)	GATA NO.	369
		A	28°50'18.01"N 78°51'45.70"E
		B	28°50'24.23"N78°51'50.60"E
		C	28°50'24.73"N78°51'52.13"E
		D	28°50'21.18"N 78°51'54.47"E
		E	28°50'20.17"N 78°51'53.21"E
		F	28°50'19.18"N 78°51'48.96"E

		G	28°50'17.49"N 78°51'47.88"E
14.	Total Geological Reserves	39186 m ³ /six months	
15.	Total Mineable Reserve in LOI	23000 m ³ /six months	
16.	Total Proposed Production in LOI	23000 m ³ /six months	
17.	Total Proposed Production in 6 Months	23000 m ³ /six months	
18.	Sanctioned Period of Mine lease	6 months	
19.	Production of mine/day	128 m ³ /Day	
20.	Method of Mining	Open cast Manual / Semi Mechanized Mining Method	
21.	No. of working days	180 Days	
22.	Working hours/day	8 Hours	
23.	No. of worker	20 Workers	
24.	No. of vehicles movement/day	14 Trucks/ Day (Depending on market demand)	
25.	Type of Land	Pvt. Land (Agriculture)	
26.	Ultimate of Depth of Mining	2.2 m	
27.	Nearest metalled road from site	1.0 Km	
28.	Water Requirement	PURPOSE	REQUIREMENT (KLD)
		Drinking	0.20 KLD
		Suppression of dust	3.0 KLD
		Plantation	0.05 KLD
		Others (if any)	
		Total	3.25 KLD (Approx 4.0 KLD)
29.	Name of QCI Accredited Consultant with QCI No and period of validity.	Ind Tech House Consult QCI No.- NABET/EIA/1821/RA0098 Period of Validity- 30-04-2021	
30.	Any litigation pending against the project or land in any court	No	
31.	Details of 500 m Cluster Map & Certificate verified by Mining Officer	Letter No-695/Khanij Sahayak/2020 Date- 5.1.2021	
32.	Proposed CER cost	2% of total project cost i.e. Rs.45 Thousand	
33.	Proposed EMP cost	3.06 Lakhs	
34.	Length and breadth of Haul Road	500 m Length & 6m width haulage road	
35.	No. of Trees to be Planted	25 Trees	

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

RESOLUTION AGAINST AGENDA NO-03

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

4. Soil Excavation at Gata No.-318 K, 387, 383, Village- Malipur, Tehsil-Bilari, Moradabad, U.P., Shri Danish, Area-0.368 Ha) File No. 6144/Proposal No. SIA/UP/MIN/195419/2021

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

1. The environmental clearance is sought for Soil Excavation at Gata No.-318 K, 387, 383, Village- Malipur, Tehsil-Bilari, Moradabad, U.P., (Leased Area-0.368 Ha).
2. Salient features of the project as submitted by the project proponent:

1.	On Line Proposal No.	SIA/UP/MIN/195419/2021																															
2.	File No. allotted by SEIAA, UP	6144																															
3.	Name of Proponent	Shri Danish																															
4.	Full correspondence address of proponent and mobile no.	Vill: Salempur Navada (Chaudharpur), Tehsil & District: Amroha (U.P)																															
5.	Name of Project	Area:0.368 Ha. “Ordinary Soil Excavation” Project at Gata No.–318K, 387, 383, Village-Malipur, Tehsil-Bilari, District-Moradabad, Uttar Pradesh.; Shri Danish																															
6.	Project Location(Plot.Khsra/Gata No.)	318K,387,383																															
7.	Name of Village	Malipur																															
8.	Tehsil	Bilari																															
9.	District	Moradabad																															
10.	Name of Minor Mineral	Ordinary Soil Excavation																															
11.	Sanctioned Lease Area (in Ha.)	0.368 Ha.																															
12.	Max. & Min mRL within lease area	200 mRL to 198 mRL																															
13.	Pillar Coordinates (Verified by DMO)	<table><tr><td><u>GATA NO.</u></td><td><u>318 K</u></td></tr><tr><td>A</td><td>28°48'7.07"N 78°42'24.32"E</td></tr><tr><td>B</td><td>28°48'7.88"N 78°42'25.00"E</td></tr><tr><td>C</td><td>28°48'5.75"N 78°42'26.87"E</td></tr><tr><td>D</td><td>28°48'5.29"N 78°42'26.06"E</td></tr><tr><td><u>GATA NO.</u></td><td><u>387</u></td></tr><tr><td>A</td><td>28°48'5.00"N 78°42'21.59"E</td></tr><tr><td>B</td><td>28°48'5.48"N 78°42'22.10"E</td></tr><tr><td>C</td><td>28°48'3.76"N 78°42'23.92"E</td></tr><tr><td>D</td><td>28°48'3.29"N 78°42'23.31"E</td></tr><tr><td><u>GATA NO.</u></td><td><u>383</u></td></tr><tr><td>A</td><td>28°48'5.56"N 78°42'22.25"E</td></tr><tr><td>B</td><td>28°48'5.98"N 78°42'22.72"E</td></tr><tr><td>C</td><td>28°48'4.29"N 78°42'24.66"E</td></tr><tr><td>D</td><td>28°48'3.80"N 78°42'24.02"E</td></tr></table>		<u>GATA NO.</u>	<u>318 K</u>	A	28°48'7.07"N 78°42'24.32"E	B	28°48'7.88"N 78°42'25.00"E	C	28°48'5.75"N 78°42'26.87"E	D	28°48'5.29"N 78°42'26.06"E	<u>GATA NO.</u>	<u>387</u>	A	28°48'5.00"N 78°42'21.59"E	B	28°48'5.48"N 78°42'22.10"E	C	28°48'3.76"N 78°42'23.92"E	D	28°48'3.29"N 78°42'23.31"E	<u>GATA NO.</u>	<u>383</u>	A	28°48'5.56"N 78°42'22.25"E	B	28°48'5.98"N 78°42'22.72"E	C	28°48'4.29"N 78°42'24.66"E	D	28°48'3.80"N 78°42'24.02"E
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D	28°48'3.80"N 78°42'24.02"E																																
14.	Total Geological Reserves	8096m ³ /six months																															
15.	Total Mineable Reserve in LOI	5000 m ³ /six months																															
16.	Total Proposed Production in LOI	5000 m ³ /six months																															

17.	Total Proposed Production in 6 Months	5000 m ³	
18.	Sanctioned Period of Mine lease	6 months	
19.	Production of mine/day	28 m ³ /Day	
20.	Method of Mining	Open cast Manual / Semi Mechanized Mining Method	
21.	No. of working days	180 Days	
22.	Working hours/day	8 Hours	
23.	No. of worker	13 Workers	
24.	No. of vehicles movement/day	3 Trucks/ Day (Depending on market demand)	
25.	Type of Land	Pvt. Land (Agriculture)	
26.	Ultimate of Depth of Mining	2.2 m	
27.	Nearest metalled road from site	1.20 Km	
28.	Water Requirement	PURPOSE	REQUIREMENT (KLD)
		Drinking	0.13 KLD
		Suppression of dust	3.0 KLD
		Plantation	0.04 KLD
		Others (if any)	
		Total	3.17 KLD (Approx 4.0 KLD)
29.	Name of QCI Accredited Consultant with QCI No and period of validity.	Ind Tech House Consult QCI No.- NABET/EIA/1821/RA0098 Period of Validity- 30-04-2021	
30.	Any litigation pending against the project or land in any court	No	
31.	Details of 500 m Cluster Map & Certificate verified by Mining Officer	Letter No-697/Khanij Sahayak/2021 Date- 5.1.2021	
32.	Proposed CER cost	2% of total project cost i.e. Rs.37 Thousand	
33.	Proposed EMP cost	3.01 Lakhs	
34.	Length and breadth of Haul Road	500 m Length & 6m width haulage road	
35.	No. of Trees to be Planted	20 Trees	

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

RESOLUTION AGAINST AGENDA NO-04

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

5. Stone (Sand Stone) Mining at Araj No.-36/6/5, at Village- Sonbarsa, The.-Lalganj, Mirzapur., Shri Sarjeet Singh, Area-0.809 ha File No. 6141/Proposal No. SIA/UP/MIN/60225/2021

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

1. The environmental clearance is sought for Building Stone (Sandstone) Mining at Gata No. 36/6/5 Village- Sonbarsa , Tehsil-Lalganj, 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.	A/UP/MIN/60225/2021		
2.	File No. allotted by SEIAA, UP	6141		
3.	Name of Proponent	Shri Sarjeet Singh		
4.	Full correspondence address of proponent and mobile no.	Shri Sarjeet Singh S/o Shri Rajendra Singh R/o- 410, Kesar Bhawan, Ganeshganj, Aghauli, Mirzapur, U.P. 231001		
5.	Name of Project	Area -0.809 Ha Building Stone (Sandstone) Mining at Gata No.'- 36/6/5 Village- Sonbarsa , Tehsil-Lalganj, Mirzapur, U.P. Shri Sarjeet Singh		
6.	Project Location(Plot.Khsra/Gata No.)	36/6/5		
7.	Name of Village	Sonbarsa		
8.	Tehsil	Lalganj		
9.	District	Mirzapur		
10.	Name of Minor Mineral	Building Stone (Sandstone)		
11.	Sanctioned Lease Area (in Ha.)	0.809 Ha		
12.	Max. & Min mRL within lease area	111 mRL to 113 mRL		
13.	Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude
		A	25°05'20.6"N	82°24'27.7"E
		B	25°05'19.6"N	82°24'31.2"E
		C	25°05'16.5"N	82°24'29.6"E
		D	25°05'17.4"N	82°24'26.0"E
14.	Total Geological Reserves	2,23,722 m ³ /Annum		
15.	Total Mineable Reserve in LOI	8,090 m ³ /Annum		
16.	Total Proposed Production in LOI	8,090 m ³ /Annum		
17.	Total Proposed Production in 10 Years	8090 *10=80,900 m ³		
18.	Sanctioned Period of Mine lease	10 Years		
19.	Production of mine/day	27 m ³ /Day		
20.	Method of Mining	Open cast Manual / Semi Mechanized Mining Method		
21.	No. of working days	300 Days		
22.	Working hours/day	8 Hours		
23.	No. of worker	24 Workers		
24.	No. of vehicles movement/day	3 Trucks/ Day (Depending on market demand)		
25.	Type of Land	Govt. Land		
26.	Ultimate of Depth of Mining	6.0 m		
27.	Nearest metalled road from site	1.2Km		
28.	Water Requirement	PURPOSE	REQUIREMENT (KLD)	
		Drinking	0.24 KLD	
		Suppression of dust	1.2 KLD	
		Plantation	0.16 KLD	
		Others (if any)		
		Total	1.6 KLD	
29.	Name of QCI Accredited Consultant with QCI No and period of validity.	Ind Tech House Consult QCI No.- NABET/EIA/1821/RA0098 Period of Validity- 30-04-2021		

30.	Any litigation pending against the project or land in any court	No
31.	Details of 500 m Cluster Map & Certificate verified by Mining Officer	Letter No-1946/Khanij/K.S./2021 Date- 03.03.2021
32.	Details of Lease Area in approved DSR	Page No'-13, Sr. No'-77
33.	Proposed CER cost	2% of total project cost i.e. Rs.1.47 Lakhs
34.	Proposed EMP cost	10.89 Lakhs
35.	Length and breadth of Haul Road	100 m Length & 6m width haulage road
36.	No. of Trees to be Planted	40 Trees

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

RESOLUTION AGAINST AGENDA NO-05

The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1. The committee also stipulated following additional TOR points:

1. Revised cluster certificate.
2. Justification regarding point no. 10 of category-B (Appendix-I).

6. **Stone (Khanda, Gitti& Boulder) Sand Stone Mine at Araj No./Plot No.-275, Khand No.-DH/14, at Village- Dharawal, Tehsil- Meja, Prayagraj, U.P., Shri Renu, M/s Jai MaaAadiGroup,Area -1.012 ha File No. 6145/Proposal No. SIA/UP/MIN/60407/2021**

RESOLUTION AGAINST AGENDA NO-06

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

7. **Sand Stone Mine at Araj No./Plot No.-01, Khand No.-G/1, at Village-Gudgawa, Meja, Prayagraj.,M/s Sunita Singh, Area -2.024 ha File No. 6148/Proposal No. SIA/UP/MIN/60447/2021**

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

1. The environmental clearance is sought for Building Stone (Gitti/Boulder/Khanda) Sandstone mine at Araj No. /Plot No. – 01 , Khand No.–G/1, at Village – Gudgawa, Tehsil- Meja, District- Prayagraj, Uttar Pradesh, (Leased Area 2.024 ha.).

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

Sanctioned Details of the project as submitted by the project proponent.																		
1.	File No. allotted by SEIAA, UP	6148																
2.	Name of Proponent	Smt. Sunita Singh																
3.	Full correspondence address of proponent and mobile no.	Smt. Sunita Singh																
		W/o Shri Dinesh Pratap Singh																
		R/o – Rajapur, Bharatganj																
		Tehsil - Meja, District – Prayagraj U.P.																
		Mobile no. – 7985810451																
		E mail ID - sssandald@gmail.com																
4.	Name of Project	Regarding Terms of References (ToR) for Environment Clearance of Proposed Building Stone (Gitti/Boulder/Khanda) Sandstone mine at Araji No. /Plot No. – 01 , Khand No.–G/1, Area 2.024 ha. (5.00 Acres) at Village – Gudgawa, Tehsil- Meja, District- Prayagraj, Uttar Pradesh of M/s Sunita Singh.																
5.	Project Location (Plot. Khasra/Gata No.)	01 , Khand No.–G/1																
6.	Name of River	Kamauti River – 0.50 Km (N) Ganga River- 5.22 km (N)																
7.	Name of Village	Village – Gudgawa, Tehsil- Meja, District- Prayagraj, Uttar Pradesh of M/s Sunita Singh																
8.	Tehsil	Meja																
9.	District	Prayagraj																
10.	Name of Minor Mineral	Building Stone (Khanda, Boulder, Gitti)																
11.	Sanctioned Lease Area (in Ha.)	2.024 ha																
12.	Max. & Min mRL within lease area	Highest 115.30mRL Lowest 103.50mRL																
13.	Pillar Coordinates (Verified by DMO)	<table><tr><td>Point</td><td>Latitude</td><td>Longitude</td></tr><tr><td>A</td><td>25° 07.993’N</td><td>82° 16.775’E</td></tr><tr><td>B</td><td>25° 08.005’N</td><td>82° 16.827’E</td></tr><tr><td>C</td><td>25° 07.885’N</td><td>82° 16.878’E</td></tr><tr><td>D</td><td>25° 07.865’N</td><td>82° 16.823’E</td></tr></table>		Point	Latitude	Longitude	A	25° 07.993’N	82° 16.775’E	B	25° 08.005’N	82° 16.827’E	C	25° 07.885’N	82° 16.878’E	D	25° 07.865’N	82° 16.823’E
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		C	25° 07.885’N	82° 16.878’E														
D	25° 07.865’N	82° 16.823’E																
14.	Total Geological Reserves	3,90,203 m ³																
15.	Total Mineable Reserve	2,14,168 m ³																
16.	Total Proposed Production	1,01,200 m ³ in Five Years																
17.	Proposed Production /year (as per LoI)	20,240 m ³ /annum																
18.	Sanctioned Period of Mine lease	5 years																
19.	Production of mine/day	68 m ³ /day																
20.	Method of Mining	Opencast, /Semi-mechanized																
21.	No. of working days	300																
22.	Working hours/day	8																
23.	No. of worker	34																
24.	No. of vehicles movement/day	16																
25.	Type of Land	Govt./Non Forest Land (riverbed)																
26.	Ultimate of Depth of Mining	12.0 m																
27.	Nearest metalled road from site	0.40 km																
28.	Water Requirement	PURPOSE																
		Drinking	- 0.34 KLD															
		Suppression of dust	- 4.8 KLD															
		Plantation	- 0.17 KLD															
		Others (if any)	- 0.00 KLD															
		Total	- 5.31 KLD															
29.	Name of QCI Accredited Consultant with QCI No and period of validity.	Paramarsh Servicing Environment and development NABET/EIA/1821 RA 0120 Valid till – 01/05/2021																
30.	Any litigation pending against the	No																

	project or land in any court	
31.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No – 286/Khanij/2020-21 dated - 18/01/2021
32.	Details of Lease Area in approved DSR	Serial no. 423 Page no.39
33.	Project Cost	1.40 Crore
34.	Proposed CER cost	2.8 lacs
35.	Proposed EMP cost	Applying for ToR
36.	Length and breadth of Haul Road	Length – 0.40 km Breadth – 6.00 m
37.	No. of Trees to be Planted	172

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

RESOLUTION AGAINST AGENDA NO-07

The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1. The committee also stipulated following additional TOR points:

1. Approved DSR from competent authority.
2. Justification regarding point no. 10 of category-B (Appendix-I).

8. Stone (Sand Stone) Mine at Khasra/Gata No.-1006 at Village- Sariya, Tehsil- Chunar, Mirzapur, U.P. , Shri Pramod Kumar Singh, Area -2.02 ha File No. 6149/Proposal No. SIA/UP/MIN/60456/2021

RESOLUTION AGAINST AGENDA NO-08

The committee noted that the project proponent did not submit the complete documents of the project. Hence, the committee directed to defer matter due to incomplete documents. The matter shall be discussed after submission of complete information on prescribed portal.

9. Stone (Sand Stone) Mine at Araj No./Gata No.-519, at Village-Ghasipur, Chunar, Mirzapur, U.P., Shri Manish Kumar,M/sDivyansh Enterprises,Area-2.02 ha File No. 6150/Proposal No. SIA/UP/MIN/60471/2021

RESOLUTION AGAINST AGENDA NO-09

The committee noted that the project proponent did not submit the complete documents of the project. Hence, the committee directed to defer matter due to incomplete documents. The matter shall be discussed after submission of complete information on prescribed portal.

10. Stone (Sand Stone) Mine at Araj No./Gata No.-485 & 486, at Village- Patti Kalan, Chunar, Mirzapur., Shri Abdul Hamid Ansari,Area-1.818 ha File No. 6151/Proposal No. SIA/UP/MIN/60482/2021

RESOLUTION AGAINST AGENDA NO-10

The committee noted that the project proponent did not submit the complete documents of the project. Hence, the committee directed to defer matter due to incomplete documents. The matter shall be discussed after submission of complete information on prescribed portal.

11. Sand/Morrum Mining along Yamuna river bed at, Khand No.-14/07 to 14/10, Village-Katri, Tehsil-Manjhanpur, Kaushambi, U.P., Shri AchintayKarvariya, M/s Vashishth Associates., Area-17.00 Ha File No. 6152/Proposal No. SIA/UP/MIN/60480/2021

RESOLUTION AGAINST AGENDA NO-11

The committee noted that the project proponent did not submit the complete documents of the project. Hence, the committee directed to defer matter due to incomplete documents. The matter shall be discussed after submission of complete information on prescribed portal.

12. Sand/Morrum Mining along Yamuna river bed at Khand No.-9/25 to 9/26, Village-Mohammadabad KewatKaPurwa, Tehsil-Chayal, Kaushambi, U.P., Shri Ravi Shankar Gupta., Area-16.00 Ha File No. 6153/Proposal No. SIA/UP/MIN/60495/2021

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

1. The environmental clearance is sought for sand/morrum mining from river Yamuna in Khand No. 9/25 to 9/26 at Village – Mohammadabad Kewat Ka Purwa, Tehsil- Chayal, District- Kaushambi, U. P., (Lease area 16.00 ha).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/60495/2021												
2.	File No. allotted by SEIAA, UP	6153												
3.	Name of Proponent	Shri Ravi Shankar Gupta												
4.	Full correspondence address of proponent and mobile no.	Ravi Shankar Gupta S/o Late Heera Lal R/o - Daranagar Tehsil – Sirathu, District Kaushambi U.P. Mobile no. – 8318403597 E mail ID - rsgsandald@gmail.com												
5.	Project Location (Plot. Khasra/Gata No.)	River Yamuna in Khand No. 9/25 to 9/26												
6.	Name of River	Yamuna River												
7.	Name of Village	Village – Mohammadabad Kewat Ka Purwa, Tehsil- Chayal, District- Kaushambi, U. P.												
8.	Tehsil	Chayal												
9.	District	Kaushambi												
10.	Name of Minor Mineral	River bed sand/morrum mining												
11.	Sanctioned Lease Area (in Ha.)	16.00 ha												
12.	Max. & Min mRL within lease area	The highest level of area is 78.0 mRL The lowest level is 75.0 mRL												
13.	Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th>Pillar</th><th>Latitude</th><th>Longitude</th></tr> </thead> <tbody> <tr> <td>A</td><td>25° 17.241'N</td><td>81° 31.950'E</td></tr> <tr> <td>B</td><td>25° 17.348'N</td><td>81° 32.180'E</td></tr> <tr> <td>C</td><td>25° 17.228'N</td><td>81° 32.304'E</td></tr> </tbody> </table>	Pillar	Latitude	Longitude	A	25° 17.241'N	81° 31.950'E	B	25° 17.348'N	81° 32.180'E	C	25° 17.228'N	81° 32.304'E
Pillar	Latitude	Longitude												
A	25° 17.241'N	81° 31.950'E												
B	25° 17.348'N	81° 32.180'E												
C	25° 17.228'N	81° 32.304'E												

		D	25° 17.068'N	81° 32.083'E
14.	Total Geological Reserves	1,59,973 m ³ (6 months)		
15.	Total Mineable Reserve	1,20,000 m ³ (6 months)		
16.	Total Proposed Production	1,20,000 m ³ (6 months)		
17.	Proposed Production /year (as per LoI)	1,20,000 m ³ (6 months)		
18.	Sanctioned Period of Mine lease	06 Months		
19.	Production of mine/day	666 m ³ /day		
20.	Method of Mining	Opencast semi-mechanized		
21.	No. of working days	180		
22.	Working hours/day	8		
23.	No. of worker	52		
24.	No. of vehicles movement/day	83		
25.	Type of Land	Govt./Non Forest Land		
26.	Ultimate of Depth of Mining	1 m (Plan Period)		
27.	Nearest metalled road from site	0.30 km		
28.	Water Requirement	PURPOSE		
		Drinking - 0.52 KLD		
		Suppression of dust - 3.60 KLD		
		Plantation - 0.20 KLD		
		Others (if any) - 0.00 KLD		
		Total - 4.32 KLD		
29.	Name of QCI Accredited Consultant with QCI No and period of validity.	Paramarsh Servicing Environment and development NABET/EIA/1821 RA 0120 Valid till – 01/05/2021		
30.	Any litigation pending against the project or land in any court	No		
31.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No-1094/Khanan Sahyog Kaushambi dated 07/01/2021		
32.	Details of Lease Area in approved DSR	Serial no. 17 Page no. 07		
33.	Project Cost	1.10 Crore (6 Months)		
34.	Proposed CER cost	2.20 lacs (6 Months)		
35.	Proposed EMP cost	Apply for ToR		
36.	Length and breadth of Haul Road	Length – 0.30 km Breadth – 6.00 m		
37.	No. of Trees to be Planted	200		

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

RESOLUTION AGAINST AGENDA NO-12

The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1. The committee also stipulated following additional TOR points:

1. Approved DSR from competent authority.
2. Proposed baseline monitoring data from March to May, 2021 at the time of EIA.

13. Commercial Building of training centre for Pilots & Crew members at plot no. FC-21/22, Sector-16A, Noida, District-Gautam Buddha Nagar, U.P., Shri Neeraj Aggarwal, M/s AR Airways (P) Ltd. File No. 6059/Proposal No. SIA/UP/MIS/ 189399/2020

The committee noted that the matter was earlier discussed in 519th SEAC meeting dated 06/01/2021 and directed the project proponent to submit the reply of following query:

1. Revised solid waste quantity.
2. Plan for organic waste convertor.
3. Energy conservation calculation.

The project proponent submitted their replies vide letter dated 24/02/2021. Hence, the matter was listed in 529th SEAC meeting dated 04/03/2021. A presentation was made by project proponent along with their consultant M/s Enviro Infra Solutions Pvt. Ltd. The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for Commercial Building of training centre for Pilots & Crew members at plot no. FC-21/22, Sector-16A, Noida, District-Gautam Buddha Nagar, U.P., M/s AR Airways (P) Ltd.
2. The total plot area is 7376.28 m² whereas total proposed built-up Area (including FAR and Non FAR Area) is 22723.01 sq.mt.
3. Expected population during operation will be approx. 1000 persons.
4. Salient features of the project:

Sl. No.	Description	Quantity	Unit
Total AREA of the project			
1	Plot Area	7376.28	SQMT
2	Per F.A.R. @ 150%	11064.42	SQMT
3	Additional F.A.R. 15% of total FAR	1659.66	SQMT
4	Per. Ground Coverage @ 30%	2212.88	SQMT
5	Lower Basement	3337.95	SQMT
6	Upper Basement	3337.95	SQMT
7	First Floor	2130.63	SQMT
8	Second Floor	2059.37	SQMT
9	Third Floor	2059.37	SQMT
10	Fourth Floor	2059.37	SQMT
11	Fifth Floor	2059.37	SQMT
12	Seventh Floor	623.74	SQMT
13	Mumty & Machine Room	121.09	SQMT
14	Guard Room	20.86	SQMT
15	Meter Room	9.69	SQMT
16	Total Parking Area	8663.27	SQMT
17	Total Fire escape (staircase) Area	182.16	SQMT
18	Total Lift Area	171	SQMT
19	Total landscape Area	2439.33	SQMT
20	Total Open Area	5194.43	SQMT
WATER			
1	Total Water Requirement	68	KLD
2	Fresh water requirement	23	KLD
3	Treated Water Requirement	45	KLD
4	Waste water Generation	49.3	KLD
5	Proposed Capacity of STP	70	KLD

6	Treated Water Available for Reuse	45	KLD
7	Discharged in Municipal Sewer	Zero	KLD
RAIN WATER HARVESTING			
1	No of RWH of Pit Proposed	1	No.
PARKING			
1	Total FAR Area	11064.42	SQMT
2	Perm. No. of cars @ 50 sq.mt. of per FAR	221.28	SQMT
3	Required Car Parking Area	6638.40	SQMT
4	Prop. Car Parking on Lower & Upper Basement Floor	6675.90	SQMT
5	Prop. Covered on stilt floor	1987.37	SQMT
6	Total Parking Area	8663.27	SQMT
GREEN AREA			
1.	Open/Green Area	5194.43	SQMT
ENERGY			
1.	Total Power Requirement	1160	KW
2.	DG set backup	1085	KVA
3.	DG sets Proposed (Air cooled)	2 x 750 + 1 x 180	KVA
4.	No of DG Sets	03	No.

5. Water requirement details:

WATER REQUIREMENT			
	POPULATION/ AREA/UNIT	RATE IN LTS	TOTAL QTY IN KL
OFFICE / COMMERCIAL (Working Staff)			
DOMESTIC	1000	25	25
FLUSHING	1000	20	20
VISITORS			
DOMESTIC	350	5	1.75 say 2.0
FLUSHING	350	10	3.5
TOTAL POPULATION	1350		
	Seats		
Canteen			
DOMESTIC	100	25	2.5
FLUSHING	100	10	1.0
FILTER BACK WASH		LS	1.5
AIRCONDITIONING (Make up Water)	-	-	10
TREATED (Lump sump)			
	Area in sqm		
GARDENING	2439.33	1	2.43 say 2.5
TOTAL WATER REQUIREMENT			68
TOTAL TREATED WATER REQUIREMENT			45
TOTAL FRESH WATER			23
WASTE WATER GENERATION			
TOTAL WASTE WATER GENERATION			49.3
REQUIRED CAPACITY OF STP			45.1
PROPOSED CAPACITY OF STP			70 KLD
REQUIRED CAPACITY OF ETP			4.2
PROPOSED CAPACITY OF ETP			5
TREATED WATER GENERATION - 90%			44.37 say 45
DISCHARGE IN MUNICIPAL SEWER			0

6. Solid waste details:

Solid Waste Quantity During Construction Phase	14.40 kg/day (avg.)	During the construction phase solid waste will be disposed to Noida authority designated site through authorized vendor
Solid Waste Quantity During Operation Phase	Total 0.25 ton per day (TPD)	
	Biodegradable: 0.10 TPD	The biodegradable wastes will be composted in onsite organic waste convertor unit and the manure will be used for landscaping/as a manure in green belt
	Non-biodegradable: 0.15 TPD	Non-biodegradable wastes will be disposed at Noida authority designated site through authorized vendors as per local norms.

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

RESOLUTION AGAINST AGENDA NO-13

The committee discussed the matter and recommended to grant the environmental clearance for the above project proposal along with general conditions as earlier prescribed by authority for construction project and following specific conditions:

1. In compliance to Hon'ble Supreme Court order dated 13/01/2020 in IA no. 158128/2019 and 158129/2019 in Writ petition no. 13029/1985 (MC Mehta Vs GOI and others) anti smog guns shall be installed to reduce dust during excavation.
2. Solar energy to be used alternatively on the road and common places for illumination to save conventional energy as per ECBC Code.
3. The project proponent shall submit within the next 3 month the data of ground water quality including fluoride parameter to the limit of minimum deduction level for all six monitoring stations.
4. 15% area of the total plot area shall be compulsorily made available for the green area development including the peripheral green area. Plantation of trees should be of indigenous species and may be as per the consultation of local district Forest Officer.
5. The waste water generated should be treated properly in scientific manner i.e. domestic waste water to be treated in STP and effluent such as RO rejects with high TDS and other chemical bearing effluent shall be treated separately.
6. Permission from local authority should be taken regarding discharge of excess water into the sewer line.
7. The height, Construction built up area of proposed construction shall be in accordance with the existing FAR norms of the competent authority & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
8. "Consent for Establishment" shall be obtained from UP Pollution Control Board.
9. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
10. Project proponent shall ensure completion of STP, MSW disposal facility, green area development prior to occupation of the buildings.
11. Municipal solid waste shall be disposed/managed as per Municipal Solid Waste (Management and Handling) Rules, 2016.

12. 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.
13. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
14. 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).
15. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.
16. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
17. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
18. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
19. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as cylinder for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche and First Aid Room etc.
20. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
21. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
22. 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 of board of directors shall be submitted to the authority. A list of beneficiaries with their mobile nos./address should be submitted along with six monthly compliance reports.
23. No parking shall be allowed outside the project boundary.
24. Digging of basement shall be undertaken in view of structural safety of adjacent buildings under information/consultation with District Administration/Mining Department. All the topsoil excavated during construction activities should be stored for use in horticulture /landscape development within the project site. Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
25. Surface rain water has to be collected in kacchha pond for ground water recharging and irrigation of horticulture and peripheral plantation.
26. The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipments etc. as per National Building Code including measures from lighting.
27. Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed off taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
28. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
29. Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored

- during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/UPPCB.
30. The green area design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential area and pollution also reduced. The open spaces inside the plot should be landscaped and covered with grass and shrubs. Green area Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
 31. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
 32. Pavements shall be so constructed as to allow infiltration of surface run-off of rain water. Construction of pavements around trees should be able to facilitate suitable watering, aeration and nutrition to the tree.
 33. Roof top water in rainy season is to be discharged into RWH pits for ground water recharging. Arrangement shall be made that waste water and storm water do not get mixed.
 34. All the internal drains are to be covered till the disposal point.
 35. This environmental clearance is issued subject to land use verification. Local authority / planning authority should ensure this with respect to Rules, Regulations, Notifications, Government Resolutions, Circulars, etc. issued if any.
 36. Reflecting paint should be used on the roof top and side walls of the building tower for cooling effect.
14. पर्यावरण, वन एवं जलवायु परिवर्तन अनु.-7, उ0 प्र0 शासन के पत्रांक-वी.आई.पी.-02/81-7-2020-68 (पर्या)/2016 टी0सी0, दिनांक 16.02.2021 के अनुक्रम में श्री जवाहर लाल राजपूत, मा0 विधायक एवं सदस्य, संसदीय अनुश्रवण समिति, गरौठा, झाँसी के पत्र दिनांक 09.02.2021 पर विचार-विमर्श।

SEAC gone through the letter of Environment, Forests & Climate Change Department, Section-7, Lucknow dated 16/02/2021 and opined that the Hon'ble NGT order is not attached as mentioned in the letter. Hence, nothing can be commented at this moment.

(Dr. Virendra Misra)
Member

(Dr. Sarita Sinha)
Member

(Dr. Ranjeet Kumar Dalela)
Member

(Shri Meraj Uddin)
Member

(Dr. Ajoy Mandal)
Member

(Shri Rajive Kumar)
Member

(Dr. S.N. Singh)
Chairman

Annexure-1

Terms of Reference for the Mining Project

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

this regard as mentioned above be issued. In all such cases, it would be desirable for representative of the State Forest Department to assist the Expert Appraisal Committees.

- 13) Status of forestry clearance for the broken up area and virgin forestland involved in the Project including deposition of net present value (NPV) and compensatory afforestation (CA) should be indicated. A copy of the forestry clearance should also be furnished.
- 14) Implementation status of recognition of forest rights under the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 should be indicated.
- 15) The vegetation in the RF / PF areas in the study area, with necessary details, should be given.
- 16) A study shall be got done to ascertain the impact of the Mining Project on wildlife of the study area and details furnished. Impact of the project on the wildlife in the surrounding and any other protected area and accordingly, detailed mitigative measures required, should be worked out with cost implications and submitted.
- 17) Location of National Parks, Sanctuaries, Biosphere Reserves, Wildlife Corridors, Ramsar site Tiger/ Elephant Reserves/(existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated, supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above, should be obtained from the Standing Committee of National Board of Wildlife and copy furnished.
- 18) A detailed biological study of the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out. Details of flora and fauna, endangered, endemic and RET Species duly authenticated, separately for core and buffer zone should be furnished based on such primary field survey, clearly indicating the Schedule of the fauna present. In case of any scheduled- I fauna found in the study area, the necessary plan alongwith budgetary provisions for their conservation should be prepared in consultation with State Forest and Wildlife Department and details furnished. Necessary allocation of funds for implementing the same should be made as part of the project cost.
- 19) Proximity to Areas declared as 'Critically Polluted' or the Project areas likely to come under the 'Aravali Range', (attracting court restrictions for mining operations), should also be indicated and where so required, clearance certifications from the prescribed Authorities, such as the SPCB or State Mining Department should be secured and furnished to the effect that the proposed mining activities could be considered.
- 20) Similarly, for coastal Projects, A CRZ map duly authenticated by one of the authorized agencies demarcating LTL, HTL, CRZ area, location of the mine lease w.r.t CRZ, coastal features such as mangroves, if any, should be furnished. (Note: The Mining Projects falling under CRZ would also need to obtain approval of the concerned Coastal Zone Management Authority).
- 21) R&R Plan/compensation details for the Project Affected People (PAP) should be furnished. While preparing the R&R Plan, the relevant State/National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs /STs and other weaker sections of the society in the study area, a need based sample survey, family-wise, should be undertaken to assess their requirements, and action programmes prepared and submitted accordingly, integrating the sectoral programmes of line departments of the State Government. It may be clearly brought out whether the village(s) located in the mine lease area will be shifted or not. The issues relating to shifting of village(s) including their R&R and socio-economic aspects should be discussed in the Report.
- 22) One season (non-monsoon) [i.e. March-May (Summer Season); October-December (post monsoon season) ; December-February (winter season)] primary baseline data on ambient air quality as per CPCB Notification of 2009, water quality, noise level, soil and flora and fauna shall be collected and the AAQ and other data so compiled presented date-wise in the EIA and EMP Report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be such as to represent whole of the study area and justified keeping in view the pre-dominant downwind direction and location of sensitive receptors. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM₁₀, particularly for free silica, should

- be given.
- 23) Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.
 - 24) The water requirement for the Project, its availability and source should be furnished. A detailed water balance should also be provided. Fresh water requirement for the Project should be indicated.
 - 25) Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.
 - 26) Description of water conservation measures proposed to be adopted in the Project should be given.
 - 27) Details of rainwater harvesting proposed in the Project, if any, should be provided.
 - 28) 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.
 - 29) Based on actual monitored data, it may clearly be shown whether working will intersect groundwater.
 - 30) 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.
 - 31) 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.
 - 32) 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.
 - 33) 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.
 - 34) 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.
 - 35) Details of the onsite shelter and facilities to be provided to the mine workers should be included in the EIA Report.
 - 36) 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.
 - 37) 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.
 - 38) 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.

- 39) 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.
- 40) 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.
- 41) 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.
- 42) Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
- 43) The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
- 44) A Disaster management Plan shall be prepared and included in the EIA/EMP Report.
- 45) 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.
- 46) 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-2

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

General condition:

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

Specific Conditions:

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

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