

Minutes of 505th SEAC Meeting Dated 25/11/2020

The 505th meeting of SEAC was held through video in view of the Corona Virus Disease (Covid-19) on 25/11/2020. Following members were participated in the online meeting:

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

The Chairman welcomed the members to the 505th SEAC meeting which was conducted online. The SEAC unanimously took following decisions on the agenda points discussed:

1. Sand/Morrum Mining from Betwa Riverbed at Gata No.- 1064, Khand No.- 01, Village- Kahta Hamirpur, Tehsil- Kalpi, District- Jalaun, U.P., Shri Karan Singh Rajput., Area: 9.71 ha. File No. 5918/Proposal No. SIA/UP/MIN/57166/2020

A presentation was made by the project proponent along with their consultant M/s Globus Environment Engineering Services. 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 Betwa Riverbed at Gata No.- 1064, Khand No.- 01, Village- Kahta Hamirpur, Tehsil- Kalpi, District- Jalaun, U.P., (Leased Area: 9.71 ha.).
2. Salient features of the project as submitted by the project proponent:

1. Agenda No. & Meeting Date	Agenda No. 505 th , Meeting Dated- 25-11-2020
2. On-line proposal No.	SIA/UP/MIN/57166/2020
3. File no. allotted by SEIAA, UP	5918
4. Name of Proponent	Shri Karan Singh Rajput S/o Shri Harnarayan Singh
5. Full correspondence address of proponent and mobile no.	Address: 257, Ganeshganj, Orai, Jalaun U.P.
6. Name of Project	“Sand/ Moram Mining”
7. Name of River	Betwa River
8. Project location (Plot/Khasra/Gata No.)	Gata No. 1064, Khand No. 1, Area- 9.710 Ha (23.98 Acres) Village- Kahta Hamirpur, Tehsil- Kalpi, District- Jalaun, State – Uttar Pradesh.
9. Name of Minor Mineral	River Bed Material (Sand/Moram)
10. Schedule (as per EIA notification 2006)	1(a)i
11. Category of Project	B(1)
12. Sanctioned Lease Area (in Ha.)	Total Lease Area: 9.710 Ha

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13. Mineable/Workable Area (in Ha.)	6.484 Ha		
14. Project Status	State Govt. has given its consent vide letter no. 1369/खनिज-एमएमसी-30(ई-टेंडर/2020)दिनांक 22/07/2020 for the exploitation of Sand/Morrum for a period of five years having production capacity 1,45,650 m ³ /annum.		
15. Zero level mRL	100 mRL		
16. Max. & Min mRL within lease area	Highest: 106 mRL& Lowest: 104 mRL		
17. Total Geological Reserves	2,97,716 m ³		
18. Total Mineable Reserves (in approved mining plan)	1,45,650 m ³		
19. Proposed Production/year	1,45,650 m ³ per annum		
20. Sanctioned Period of Mine lease	Five years		
21. Production of mine/day	582.6 m ³ /day		
22. Method of Mining	Method	Technology	Tools/ Machines
	Bar Scraping	Opencast, OTFM (Other than fully mechanized)	Bar scraper, Loader
23. No. of Working days	250 Days		
24. Working hours/day	8 -10 hours/day		
25. No. of Workers	73 Manpower		
26. No. of vehicles movement/day	60 Units (Assumed Loading Capacity: 10 m ³ /Unit)		
27. Type of Land	State Government Land		
28. Ultimate Depth of Mining	2.3 m		
29. Nearest metalled road from site	Kalpi – Dgawa - RatthaMarg is 1250 m, West		
30. Water Requirement	Source	Purpose	Avg.Demand /Day(in KLD)
	Portable Tanker	Drinking @15 lpcd/worker	73 worker x 15 lpcd =1095 lpcd
	Surface Water	Land reclamation/plantation @2.5 Lit/Tree	250 Tree x 2.5 Lit = 625 Lpcd
		Dust suppression twice in a day (Haulage Road Area) @2 Lit/Sq.m	1250m (Length) x 7m (Width) = 8750 m ² x 2 = 17500 Liter
	Total		19.25 KLD
31. Name of QCI Accredited Consultant with QCI No. and period of validity.	GLOBUS ENVIRONMENT ENGINEERING SERVICES Certificate No. NABET/EIA/1821/IA0034, Valid Till April 03/2021		
32. Any litigation pending against the project or hand in any court	No		
33. Details of 500 m Cluster Map & certificate issued by Mining Officer	Cluster certificate issued by DMO (Mining Section), Jalaun. Letter No. 1441,खनिज-एमएमसी-30 ,दिनांक -28-08-2020		
34. Details of Mining Lease Area in Approved Mining Plan	Total Sanctioned Mine Lease Area (ha)		9.710
	Water Submerged area		2.267
	Area comes under SSMG 2016 for the safety of River i.e. 3m(ha)		0.1267
	Workable area(ha)		6.4845
	Area after leaving 7.5 m safety zone		0.8318
35. Details of Lease Area in approved DSR	Approved DSR,Jalaun : Page No- 54, Table No-12, Sr. No-63		
36. Total Cost of Project	Rs. 106.98 Lakhs		
37. Proposed CER Cost	Rs. 2.14 Lakhs (2% of the total Project Cost)		
38. Proposed EMP Cost	Rs. 22.69 Lakhs		

39. Length and breadth of Haul Road	Haulage Road Length 1250 m & Haulage Road Width 7 m
40. No. of Trees to be Planted	250 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-01

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 points:

Additional TOR:

1. If the baseline data is not within the permissible level, specific mitigation measures for the area in question should be submitted at the time of EIA.
2. Geo coordinates and area for workable, non workable and total lease area should be submitted.
3. Recalculate area and volume as per SSMMG, 2016 guidelines and enforcement monitoring guidelines, 2020.

2. Building Stone (Khanda, Boulder, Bailast&Gitti)Mining at Gata No.-1097, Khand No.- 07, at Village- Utayan, Tehsil-Mahoba, District -Mahoba, U.P. ShriVipul Kumar Aggrawal., Lease area -0.809 ha. File No. 5919/Proposal No. SIA/UP/MIN/57176/2020

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 (Khanda, Boulder, Bailast (Gitti)” Project at Gata No.-1097 Khand No.-07, Village- Utayan, Tehsil- Mahoba, District- Mahoba, 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/57176/2020
2.	File No. allotted by SEIAA, UP	5919
3.	Name of Proponent	Shri Vipul Kumar Agrawal S/o Shri Anil Kumar Agrawal
4.	Full correspondence address of proponent and mobile no.	Murli Bhawan, Chhoti Bazar, Banda, Distt.- Banda, U.P.
5.	Name of Project	Building Stone (Khanda, Boulder, Bailast (Gitti) Mining Project
6.	Project location (Plot/ Khasra /Gata No.)	Gata No.- 1097 Khand - 07
7.	Name of River	NA
8.	Name of Village	Utayan
9.	Tehsil	Mahoba
10.	District	Mahoba

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11.	Name of Minor Mineral	Building Stone (Khanda, Boulder, Bailast (Gitti))		
12.	Sanctioned Lease Area (in Ha.)	0.809 ha.		
13.	Max.& Min mrl within lease area	210.0 mRL- 162.0 mRL		
14.	Pillar Coordinates(Verified by DMO)	Pillars	Latitude (N)	Longitude (E)
		A	25° 24' 27.154"	79° 56' 10.524"
		B	25° 24' 27.380"	79° 56' 09.171"
		C	25° 24' 19.864"	79° 56' 08.588"
		D	25° 24' 19.423"	79° 56' 09.817"
15.	Total Geological Reserves	643275 m ³		
16.	Total Mineable Reserves	161900 m ³		
17.	Total Proposed Production (in five year)	115600 m ³		
18.	Proposed Production / year	Year	Production	
		1 st	32360 m ³	
		2 nd	32360 m ³	
		3 rd	32360 m ³	
		4 th	9260 m ³	
		5 th	9260 m ³	
		6 th	9260 m ³	
		7 th	9260 m ³	
		8 th	9260 m ³	
		9 th	9260 m ³	
		10 th	9260 m ³	
		Total	161900 m ³	
		19.	Sanctioned Period of Mine lease	10 Year
20.	Production of mine/day	107.86 m ³ (maximum)		
21.	Method of Mining	Opencast Semi-Mechanized		
22.	No.of working days	300 days		
23.	Working hours/day	8 Hours/Day		
24.	No.Of workers	35 (average)		
25.	No.Of vehicle movement /day	11 (average)		
26.	Type of Land	Govt. Land		
27.	Ultimate Depth of Mining	06 meter (average)		
28.	Nearest metalled road from site	0.40 km		
29.	Water Requirement	PURPOSE	REQUIREMENT (KLD)	
		Drinking & Others	0.35	
		Suppression of dust	2.40	
		Plantation	0.55	
		Others(if any)	-----	
		Total	3.30	
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh (Servicing Environment and Development).,Lucknow, U.P. QCI/NABET/EIA/1821/RA0120 Validity- May 01, 2021		
31.	Any litigation pending against the project or land in any court	No		
32.	Details of 500 m Cluster Map & certificate Verified by Mining Officer	DMO, Mahoba vide Letter No. 4942/MMC-30/2020-21, Dated 24 th August, 2020		
33.	Details of Lease Area in approved DSR	S.No.- 78.		
34.	Proposed CER cost	1.35 Lakh		
35.	Proposed EMP cost	16.12 Lakh		
36.	Length and breadth of Haul Road.	Length- 0.40 km, Width- more than 6.0 m		
37.	No. of Trees to be Planted	532		

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-02

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 points:

Additional TOR:

1. Composite map on the basis of cluster certificate of proposed operational and non operational lease areas marked in different colors should be submitted.
2. KML file with all cluster area together should be provided at the time of EIA.
3. Baseline data from March, 2019 to May 2019 along with file no. name of PP and letter of consent should be provided at the time of EIA.

3. Building Stone (Khanda, Boulder, Bailast & Gitti) Mining at Gata No.-2/4, Khand No.-08, at Village- Jujhar, Tehsil-Mahoba, District -Mahoba, U.P. Shri Yashoda Devi Sahu., Area-1.619 ha. File No. 5920/Proposal No. SIA/UP/MIN/57211/2020

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 (Khanda, Boulder, Bailast (Gitti) Project at Gata No.-2/4 Khand No.-08, Village- Jujhar, Tehsil- Mahoba, District- Mahoba, U.P. (Leased Area-1.619 ha)
2. Salient features of the project as submitted by the project proponent:

1.	On-line report submitted on (for TOR)	03/10/2020
2.	On-line proposal No.	SIA/UP/MIN/57211/2020
3.	File No. allotted by SEIAA, UP	5920
4.	Name of Proponent	Smt. Yashoda Devi Sahu W/o Shri Changa Prasad Sahu
5.	Full correspondence address of proponent and mobile no.	Add.- Vivek Nagar, Kabrai, Tehsil & District- Mahoba, U.P.
6.	Name of Project	Building Stone (Khanda, Boulder, Bailast (Gitti) Mining Project
7.	Project location (Plot/ Khasra /Gata No.)	Gata No.- 2/4 Khand No.-08
8.	Name of River	NA
9.	Name of Village	Jujhar
10.	Tehsil	Mahoba
11.	District	Mahoba
12.	Name of Minor Mineral	Building Stone (Khanda, Boulder, Bailast (Gitti)
13.	Sanctioned Lease Area (in Ha.)	1.619ha.
14.	Max. & Min mrl within lease area	200.0 mRL- 176.0 mRL

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15.	Pillar Coordinates(Verified by DMO)	Pillars	Latitude (N)	Longitude (E)
		A	25°24'15.273"N	79°55'7.399"E
		B	25°24'18.707"N	79°55'11.203"E
		C	25°24'21.917"N	79°55'9.129"E
		D	25°24'18.094"N	79°55'5.044"E
16.	Total Geological Reserves	1269684 m ³		
17.	Total Mineable Reserves	379812 m ³		
18.	Total Proposed Production (in five year)	204760 m ³		
19.	Proposed Production / year	Year	Production	
		1 st	64,760 m ³	
		2 nd	35,000 m ³	
		3 rd	35,000 m ³	
		4 th	35,000 m ³	
		5 th	35,000 m ³	
		6 th	35,000 m ³	
		7 th	35,000 m ³	
		8 th	35,000 m ³	
		9 th	35,000 m ³	
		10 th	35,000 m ³	
		Total	379760 m ³	
		20.	Sanctioned Period of Mine lease	
21.	Production of mine/day	215.86 m ³ (maximum)		
22.	Method of Mining	Opencast Semi-Mechanized		
23.	No.of working days	300 days		
24.	Working hours/day	8 Hours/Day		
25.	No.Of workers	35 (average)		
26.	No.Of vehicle movement /day	22 (average)		
27.	Type of Land	Govt. Land		
28.	Ultimate Depth of Mining	12.0 meter (average)		
29.	Nearest metalled road from site	0.30 km		
30.	Water Requirement	PURPOSE	REQUIREMENT (KLD)	
		Drinking & Others	0.35	
		Suppression of dust	1.80	
		Plantation	0.90	
		Others(if any)	-----	
		Total	3.05	
31.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh (Servicing Environment and Development).,Lucknow, U.P. QCI/NABET/EIA/1821/RA0120 Validity- May 01, 2021		
32.	Any litigation pending against the project or land in any court	No		
33.	Details of 500 m Cluster Map & certificate Verified by Mining Officer	DMO, Mahoba vide Letter No. 5070/MMC-30/2020-21, Dated 9 th September, 2020		
34.	Details of Lease Area in approved DSR	S.No.- 54.		
35.	Proposed CER cost	1.40 Lakh		
36.	Proposed EMP cost	18.59 Lakh		
37.	Length and breadth of Haul Road.	Length- 0.30 km, Width- more than 6.0 m		
38.	No. of Trees to be Planted	890		

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

Additional TOR:

1. Composite map on the basis of cluster certificate of proposed operational and non operational lease areas marked in different colors should be submitted.
2. KML file with all cluster area together should be provided at the time of EIA.
3. Baseline data from March, 2019 to May 2019 alongwith file no. name of PP and letter of consent should be provided at the time of EIA.

4. Building Stone (Khanda, Boulder, Bailast&Gitti) Mining at Gata No.-2/4, Khand No.-07, at Village- Jujhar, Tehsil-Mahoba, District -Mahoba, U.P. Smt. ArtiSahu., Lease area-1.619 ha. File No. 5921/Proposal No. SIA/UP/MIN/57124/2020

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 (Khanda, Boulder, Bailast (Gitti) Project at Gata No.-2/4 Khand No.-07, Village- Jujhar, Tehsil- Mahoba, District- Mahoba, U.P., (Leased Area- 1.619 ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/57214/2020
2.	File No. allotted by SEIAA, UP	5921
3.	Name of Proponent	Smt. Arti Sahu W/o Shri Saket kumar Sahu
4.	Full correspondence address of proponent and mobile no.	Add.- Vivek Nagar, Kabrai, Tehsil & District- Mahoba, U.P.
5.	Name of Project	Building Stone (Khanda, Boulder, Bailast (Gitti) Mining Project
6.	Project location (Plot/ Khasra /Gata No.)	Gata No.- 2/4 Khand No.-07
7.	Name of River	NA
8.	Name of Village	Jujhar
9.	Tehsil	Mahoba
10.	District	Mahoba
11.	Name of Minor Mineral	Building Stone (Khanda, Boulder, Bailast (Gitti)
12.	Sanctioned Lease Area (in Ha.)	1.619ha.
13.	Max.& Min mrl within lease area	200.0 mRL- 170.0 mRL

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14.	Pillar Coordinates(Verified by DMO)	Pillars	Latitude (N)	Longitude (E)
		A	25° 24' 15.273"	79° 55' 7.399"
		B	25° 24' 18.707"	79° 55' 11.203"
		C	25° 24' 16.648"	79° 55' 12.734"
		D	25° 24' 16.855"	79° 55' 13.111"
		E	25° 24' 14.819"	79° 55' 15.783"
		F	25° 24' 14.034."	79° 55' 14.256"
		G	25° 24' 15.282"	79° 55' 12.143"
		H	25° 24' 12.864"	79° 55' 09.636"
15.	Total Geological Reserves	1244530 m ³		
16.	Total Mineable Reserves	254486 m ³		
17.	Total Proposed Production (in five year)	148760 m ³		
18.	Proposed Production / year	Year	Production	
		1 st	64760 m ³	
		2 nd	21000 m ³	
		3 rd	21000 m ³	
		4 th	21000 m ³	
		5 th	21000 m ³	
		6 th	21000 m ³	
		7 th	21000 m ³	
		8 th	21000 m ³	
		9 th	21000 m ³	
		10 th	21000 m ³	
		Total	253760 m ³	
19.	Sanctioned Period of Mine lease	10 Year		
20.	Production of mine/day	215.86 m ³ (average)		
21.	Method of Mining	Opencast Semi-Mechanized		
22.	No.of working days	300 days		
23.	Working hours/day	8 Hours/Day		
24.	No.Of workers	33 (average)		
25.	No.Of vehicle movement /day	22 (average)		
26.	Type of Land	Govt. Land		
27.	Ultimate Depth of Mining	12.0 meter (average)		
28.	Nearest metalled road from site	0.30 km		
29.	Water Requirement	PURPOSE	REQUIREMENT (KLD)	
		Drinking & Others	0.35	
		Suppression of dust	1.80	
		Plantation	0.90	
		Others(if any)	-----	
		Total	3.05	
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh (Servicing Environment and Development).,Lucknow, U.P. QCI/NABET/EIA/1821/RA0120 Validity- May 01, 2021		
31.	Any litigation pending against the project or land in any court	No		
32.	Details of 500 m Cluster Map & certificate Verified by Mining Officer	DMO, Mahoba vide Letter No. 5069/MMC-30/2020-21, Dated 9 th September, 2020		
33.	Details of Lease Area in approved DSR	S.No.- 51		
34.	Proposed CER cost	1.40 Lakh		

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35.	Proposed EMP cost	18.59 Lakh
36.	Length and breadth of Haul Road.	Length- 0.30 km, Width- more than 6.0 m
37.	No. of Trees to be Planted	890

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

Additional TOR:

1. Composite map on the basis of cluster certificate of proposed operational and non operational lease areas marked in different colors should be submitted.
2. KML file with all cluster area together should be provided at the time of EIA.
3. Baseline data from March, 2019 to May 2019 along with file no. name of PP and letter of consent should be provided at the time of EIA.

5. Sand/Morrum Mining from Betwa Riverbed at Gata No.- 240, Khand No.- 03, Village- Hamanpur, Tehsil- Kalpi, District- Jalaun, U.P., ShriBishan Singh, Area: 13.36 ha. File No. 5922/Proposal No. SIA/UP/MIN/57222/2020

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

1. The environmental clearance is sought for Ordinary Sand Mining at Gata No. 240, Khand No. 03, Village- Himanpura, Tehsil- Kalpi, District- Jalaun, U.P., (Leased Area 13.360 ha).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/57222/2020		
2. File No. allotted by SEIAA, UP	5922		
3. Name of Proponent	ShriBishan Singh		
4. Full correspondence address of proponent and mobile No.	240/4A, Civil Lines Kachaharichauraha, Tehsil- Jhansi, District- Jhansi, Uttar Pradesh.		
	Mobile No-		
	Email-		
5. Name of Project	Proposed riverbed Sand/Morrum mining project from Betwa River for ShriBishan Singh		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 240, Khand No. 03		
7. Name of River	Betwa		
8. Name of Village	Himanpura		
9. Tehsil	Kalpi		
10. District	Jalaun		
11. Name of Minor Mineral	Ordinary Sand		
12. Sanctioned Lease Area (in Ha.)	13.360		
13. Max & Min mRL within lease area	Max- 107 mRL and Min-105.2 mRL		
14. Pillar Coordinates (Verified by DMO)	Pillar No.	Latitude	Longitude

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	A	25°52'3.43"N	79°47'36.50"E
	B	25°51'49.80"N	79°47'35.77"E
	C	25°51'51.50"N	79°47'47.76"E
	D	25°52'6.05"N	79°47'48.44"E
	E	25°52'3.58"N	79°47'40.56"E
15. Total Geological Reserves	3,33,743cum		
16. Total Mineable Reserves in LOI	2,00,400cum		
17. Total Proposed Production	2,00,400cum		
18. Proposed Production/year	2,00,400cum		
19. Sanctioned Period of Mine lease	5 years		
20. Production of mine/day	770.76		
21. Method of Mining	Open Cast Semi-mechanized Method		
22. No. of working days	260 days		
23. Working hours/day	8 hrs		
24. No. of workers	62		
25. No. of vehicles movement/day	45		
26. Type of Land	Government waste land		
27. Ultimate Depth of Mining	1.98		
28. Nearest metalled road from site	0.6 km		
29. Water Requirement	PURPOSE		REQUIREMENT (KLD)
	Drinking		0.62
	Suppression of dust		7.68
	Plantation		0.65
	Others (if any)		-
	Total		8.95
30. Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt Ltd. 1922, validity= 03-02-2022		
31. Any litigation pending against the project or land in any court	No		
32. Details of 500 m Cluster Map & certificate issued by Mining Officer	Yes, issued by District Mining Officer		
33. Details of Lease Area in approved DSR	Yes area is in DSR		
34. Proposed CER cost	Rs 1,84,000 /-		
35. Proposed EMP cost	Rs4,36,000 /-		
36. Length and breadth of Haul Road	Length: 0.64 km, width: 6 m		
37. No. of Trees to be Planted	325 plants		

- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 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-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 points:

Additional TOR:

- Geo coordinates and area for workable, non workable and total lease area.

6. Sand/Morrum Mining from Betwa Riverbed at Gata No.- 1782 & 1783, Khand No.- 01, Village- Mohan, Tehsil- Orai, District- Jalaun, U.P., ShriPriyeshGangele, Area: 14.574 ha. File No. 5923/Proposal No. SIA/UP/MIN/57224/2020

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

1. The environmental clearance is sought for Sand/Morrum Mining at Gata No. 1782 and 1783, Khand No. 01, Village- Mohana, Tehsil- Orai, District- Jalaun, U.P., (Leased Area : 14.574 ha).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/57224/2020		
2. File No. allotted by SEIAA, UP	5923		
3. Name of Proponent	M/s Kamtanath enterprises Pvt. Ltd. Prop. ShriPriyeshGangele		
4. Full correspondence address of proponent and mobile No.	02Bhawani Nagar Amit Motors , Bhopal, M.P.		
	Mobile No-		
	Email-		
5. Name of Project	Proposed riverbed Sand/Morrum mining project from Betwa River for ShriPriyeshGangele		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 1782 and 1783, Khand No. 01		
7. Name of River	Betwa		
8. Name of Village	Mohana		
9. Tehsil	Orai		
10. District	Jalaun		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in Ha.)	14.574		
13. Max & Min mRL within lease area	Max- 118 mRL and Min-115 mRL		
14. Pillar Coordinates (Verified by DMO)	Pillar No.	Latitude	Longitude
	A	25°47'50.39"N	79°27'35.08"E
	B	25°47'47.11"N	79°27'49.33"E
	C	25°48'3.73"N	79°27'48.09"E
	D	25°48'2.94"N	79°27'39.31"E
	Workable area		
	A	25°47'50.39"N	79°27'35.08"E
	D	25°48'2.94"N	79°27'39.31"E
	G	25°48'3.51"N	79°27'45.75"E
	F	25°47'50.27"N	79°27'48.07"E
	E	25°47'47.47"N	79°27'47.79"E
	Non Workable Area		
	C	25°48'3.73"N	79°27'48.09"E
	B	25°47'47.11"N	79°27'49.33"E
	E	25°47'47.47"N	79°27'47.79"E
	F	25°47'50.27"N	79°27'48.07"E
	G	25°48'3.51"N	79°27'45.75"E
15. Total Geological Reserves	2,41,690cum		
16. Total Mineable Reserves in LOI	1,45,740cum		
17. Total Proposed Production	1,45,740cum		
18. Proposed Production/year	1,45,740cum		
19. Sanctioned Period of Mine lease	5 years		

20. Production of mine/day	560.54	
21. Method of Mining	Open Cast Semi-mechanized Method	
22. No. of working days	260 days	
23. Working hours/day	8 hrs	
24. No. of workers	54	
25. No. of vehicles movement/day	42	
26. Type of Land	Government waste land	
27. Ultimate Depth of Mining	0.87	
28. Nearest metalled road from site	1.1 km	
29. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.53
	Suppression of dust	7.8
	Plantation	0.75
	Others (if any)	-
	Total	9.51
30. Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt Ltd. 1922, validity= 03-02-2022	
31. Any litigation pending against the project or land in any court	No	
32. Details of 500 m Cluster Map & certificate issued by Mining Officer	Yes, 1434/ Khanij M M C- 30 Dated- 26.08.2020	
33. Details of Lease Area in approved DSR	Yes area is in DSR	
34. Proposed CER cost	Rs 1,64,000/-	
35. Proposed EMP cost	Rs4,49,000 /-	
36. Length and breadth of Haul Road	Length: .650km, width: 6 m	
37. No. of Trees to be Planted	375 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. 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-06

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 points:

Additional TOR:

1. Geo coordinates and area for workable, non workable and total lease area.

7. Sand/Morrum Mining at Guruwal Composite at Gata No.- 53 71, 74 to 86, 91, 132 to 134, Khand No.- 01, Village- Guruwal, Tehsil- Khaga, District-Fatehpur, U.P., ShriSomesdBhardwaj, Area: 50.00 ha). File No. 5924/Proposal No. SIA/UP/MIN/57225/2020

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

1. The environmental clearance is sought for Sand/ Morrum Mining at Guruwal Composite Gata No.- 53 to 71, 74 to 86, 91, 132 to 134, Village- Guruwal, Tehsil- Khaga, District- Fatehpur, U.P, (Leased Area : 50 ha).
2. Salient features of the project as submitted by the project proponent:

2. Sanction features of the project as submitted by the project proponent.																																										
1.	On-line report submitted on (for TOR)	03/10/2020																																								
2.	On-line proposal No.	SIA/UP/MIN/57225/2020																																								
3.	File No. allotted by SEIAA, UP	5924																																								
4.	Name of Proponent	M/s Ambey Granite, Prop.- Shri Somesh Bhardwaj S/o Shri Om Prakash Bhardwaj																																								
5.	Full correspondence address of proponent and mobile no.	Add.- Gular Naka, Amar Talkies Chauraha, Banda, District- Banda, U.P.																																								
6.	Name of Project	Sand/ Morrum Mining Project																																								
7.	Project location (Plot/ Khasra /Gata No.)	Guruwal Composite Gata No.- 53 to 71, 74 to 86, 91, 132 to 134																																								
8.	Name of River	Yamuna																																								
9.	Name of Village	Guruwal																																								
10.	Tehsil	Khaga																																								
11.	District	Fatehpur																																								
12.	Name of Minor Mineral	Sand/ Morrum																																								
13.	Sanctioned Lease Area (in Ha.)	50.00ha.																																								
14.	Max.& Min mrl within lease area	89.0 mRL- 84.0 mRL																																								
15.	Pillar Coordinates(Verified by DMO)	<table><tr><td>Pillars</td><td>Latitude (N)</td><td>Longitude (E)</td></tr><tr><td>A</td><td>25° 37.117'N</td><td>80° 57.333'E</td></tr><tr><td>A1</td><td>25° 36.832'N</td><td>80° 57.557'E</td></tr><tr><td>A2</td><td>25° 36.773'N</td><td>80° 57.703'E</td></tr><tr><td>A3</td><td>25° 36.738'N</td><td>80° 58.120'E</td></tr><tr><td>A4</td><td>25° 36.767'N</td><td>80° 58.333'E</td></tr><tr><td>B</td><td>25° 36.860'N</td><td>80° 58.629'E</td></tr><tr><td>C</td><td>25° 36.790'N</td><td>80° 58.657'E</td></tr><tr><td>C1</td><td>25° 36.745'N</td><td>80° 58.439'E</td></tr><tr><td>C2</td><td>25° 36.667'N</td><td>80° 58.021'E</td></tr><tr><td>C3</td><td>25° 36.675'N</td><td>80° 57.727'E</td></tr><tr><td>C4</td><td>25° 36.758'N</td><td>80° 57.469'E</td></tr><tr><td>D</td><td>25° 36.930'N</td><td>80° 57.080'E</td></tr></table>		Pillars	Latitude (N)	Longitude (E)	A	25° 37.117'N	80° 57.333'E	A1	25° 36.832'N	80° 57.557'E	A2	25° 36.773'N	80° 57.703'E	A3	25° 36.738'N	80° 58.120'E	A4	25° 36.767'N	80° 58.333'E	B	25° 36.860'N	80° 58.629'E	C	25° 36.790'N	80° 58.657'E	C1	25° 36.745'N	80° 58.439'E	C2	25° 36.667'N	80° 58.021'E	C3	25° 36.675'N	80° 57.727'E	C4	25° 36.758'N	80° 57.469'E	D	25° 36.930'N	80° 57.080'E
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16.	Total Geological Reserves	750000 m ³																																								
17.	Total Mineable Reserves	376090 m ³																																								
18.	Total Proposed Production (in five year)	1875000 m ³																																								
19.	Proposed Production / year	<table><tr><td>Year</td><td>Production</td></tr><tr><td>1st</td><td>375000 m³</td></tr><tr><td>2nd</td><td>375000 m³</td></tr><tr><td>3rd</td><td>375000 m³</td></tr><tr><td>4th</td><td>375000 m³</td></tr></table>		Year	Production	1 st	375000 m ³	2 nd	375000 m ³	3 rd	375000 m ³	4 th	375000 m ³																													
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		5 th	375000 m ³	
		Total	1875000 m ³	
20.	Sanctioned Period of Mine lease	5 Year		
21.	Production of mine/day	1667 m ³ (average)		
22.	Method of Mining	Opencast Semi-Mechanized		
23.	No.of working days	225 days		
24.	Working hours/day	8 Hours/Day		
25.	No.Of workers	49 (average)		
26.	No.Of vehicle movement /day	139 (average)		
27.	Type of Land	River Bed Govt. Land		
28.	Ultimate Depth of Mining	0.80 meter (average)		
29.	Nearest metalled road from site	0.50 km		
30.	Water Requirement	PURPOSE	REQUIREMENT (KLD)	
		Drinking & Others	0.50	
		Suppression of dust	6.00	
		Plantation	0.40	
		Others(if any)	-----	
		Total	6.90	
31.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh (Servicing Environment and Development).,Lucknow, U.P. QCI/NABET/EIA/1821/RA0120 Validity- May 01, 2021		
32.	Any litigation pending against the project or land in any court	No		
33.	Details of 500 m Cluster Map & certificate Verified by Mining Officer	DMO, Fatehpur vide Letter No. 1035/30-Khanij (2020-21), Dated 04 th September, 2020		
34.	Details of Lease Area in approved DSR	S.No.- 11.		
35.	Proposed CER cost	2.60 Lakh		
36.	Proposed EMP cost	14.08 Lakh		
37.	Length and breadth of Haul Road.	Length- 0.50 km, Width- more than 6.0 m		
38.	No. of Trees to be Planted	400		

- 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-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.

8. Sand Mining at Gata No.-747, Village- BhoovraEhatmali, Tehsil- Swar, District- Rampur, U.P., ShriRadheyShyam., Area: 4.1900 ha. File No. 5927/Proposal No. SIA/UP/MIN/57226/2020

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 Ordinary Sand Mining at Gata No.- 747, Village- BhoovraEhatmali, Tehsil- Swar, District- Rampur, U.P. (Leased Area- 4.1900 ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/57226/2020																																																															
2.	File No. allotted by SEIAA, UP	5927																																																															
3.	Name of Proponent	Shri Radhey Shyam S/O Shri Ramswaroop																																																															
4.	Full correspondence address of proponent and mobile no.	R/o- Chakarpur, Tehsil- Bajpur, District-Udham Singh Nagar, Uttarakhand																																																															
5.	Name of Project	Ordinary Sand Mining Project																																																															
6.	Project location (Plot/ Khasra /Gata No.)	Gata No.- 747																																																															
7.	Name of River	Kosi																																																															
8.	Name of Village	Bhoovra Ehatmali																																																															
9.	Tehsil	Swar																																																															
10.	District	Rampur																																																															
11.	Name of Minor Mineral	Ordinary Sand																																																															
12.	Sanctioned Lease Area (in Ha.)	4.1900ha.																																																															
13.	Max.& Min mrl within lease area	215.0 mRL- 212.0 mRL																																																															
14.	Pillar Coordinates(Verified by DMO)	<table border="1"> <thead> <tr> <th>Pillars</th><th>Latitude (N)</th><th>Longitude (E)</th></tr> </thead> <tbody> <tr> <td align="center" colspan="3">Total Lease Area(4.190 Hact)</td></tr> <tr> <td>A</td><td>29° 05.781'N</td><td>79° 00.868'E</td></tr> <tr> <td>B</td><td>29° 05.867'N</td><td>79° 00.976'E</td></tr> <tr> <td>C</td><td>29° 05.791'N</td><td>79° 01.052'E</td></tr> <tr> <td>D</td><td>29° 05.697'N</td><td>79° 00.943'E</td></tr> <tr> <td align="center" colspan="3">Workable Area (2.7344 ha.)</td></tr> <tr> <td>A2</td><td>29° 05.844'N</td><td>79° 00.950'E</td></tr> <tr> <td>B</td><td>29° 05.867'N</td><td>79° 00.950'E</td></tr> <tr> <td>C</td><td>29° 05.791'N</td><td>79° 01.052'E</td></tr> <tr> <td>D</td><td>29° 05.697'N</td><td>79° 00.943'E</td></tr> <tr> <td>D1</td><td>29° 05.708'N</td><td>79° 00.938'E</td></tr> <tr> <td align="center" colspan="3">Submerged Area (1.0054 Hact.)</td></tr> <tr> <td>A1</td><td>29° 05.813'N</td><td>79° 00.912'E</td></tr> <tr> <td>A2</td><td>29° 05.844'N</td><td>79° 00.950'E</td></tr> <tr> <td>D1</td><td>29° 05.708'N</td><td>79° 00.938'E</td></tr> <tr> <td>D2</td><td>29° 05.750'N</td><td>79° 00.901'E</td></tr> <tr> <td align="center" colspan="3">Non-Workable Area (0.1502 Hact)</td></tr> <tr> <td>A</td><td>29° 05.781'N</td><td>79° 00.868'E</td></tr> <tr> <td>A1</td><td>29° 05.813'N</td><td>79° 00.912'E</td></tr> <tr> <td>D2</td><td>29° 05.750'N</td><td>79° 00.901'E</td></tr> </tbody> </table>	Pillars	Latitude (N)	Longitude (E)	Total Lease Area(4.190 Hact)			A	29° 05.781'N	79° 00.868'E	B	29° 05.867'N	79° 00.976'E	C	29° 05.791'N	79° 01.052'E	D	29° 05.697'N	79° 00.943'E	Workable Area (2.7344 ha.)			A2	29° 05.844'N	79° 00.950'E	B	29° 05.867'N	79° 00.950'E	C	29° 05.791'N	79° 01.052'E	D	29° 05.697'N	79° 00.943'E	D1	29° 05.708'N	79° 00.938'E	Submerged Area (1.0054 Hact.)			A1	29° 05.813'N	79° 00.912'E	A2	29° 05.844'N	79° 00.950'E	D1	29° 05.708'N	79° 00.938'E	D2	29° 05.750'N	79° 00.901'E	Non-Workable Area (0.1502 Hact)			A	29° 05.781'N	79° 00.868'E	A1	29° 05.813'N	79° 00.912'E	D2	29° 05.750'N	79° 00.901'E
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15.	Total Geological Reserves	113130 m ³																																																															
16.	Total Mineable Reserves	65764 m ³																																																															
17.	Total Proposed Production (in 6 month)	62000 m ³																																																															
18.	Proposed Production mine /day	397.43																																																															
19.	Sanctioned Period of Mine lease	6 month																																																															
20.	Method of Mining	Opencast Semi-Mechanized																																																															

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21.	No.of working days	156 days	
22.	Working hours/day	8 Hours/Day	
23.	No.Of workers	33 (average)	
24.	No.Of vehicle movement /day	33 (average)	
25.	Type of Land	Personal Land	
26.	Ultimate Depth of Mining	2.40 meter (average)	
27.	Nearest metalled road from site	1.30 km	
28.	Water Requirement	PURPOSE	REQUIREMENT (KLD)
		Drinking & Others	0.33
		Suppression of dust	7.80
		Plantation	0.42
		Others(if any)	-----
		Total	8.55
29.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh (Servicing Environment and Development).,Lucknow, U.P. QCI/NABET/EIA/1821/RA0120 Validity- May 01, 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	DMO, Rampur vide Letter No. 08/Khanij, Dated 21 st September, 2020	
32.	Details of Lease Area in approved DSR	S.No.- 13	
33.	Proposed CER cost	1.30 Lakh	
34.	Proposed EMP cost	10.94 Lakh	
35.	Length and breadth of Haul Road.	Length- 1.30 km, Width- more than 6.0 m	
36.	No. of Trees to be Planted	410	

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-08

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 points:

Additional TOR:

1. Composite map on the basis of cluster certificate of proposed operation and non operational lease areas marked in different colors should be submitted.

9. Sand/Morrum Mining from Betwa Riverbed at Gata No.- 747, Khand No.- 04, Village- Pathrehta, Tehsil-Kalpi, District-Jalaun, U.P., ShriArjunMalveev, Lease Area: 16.194 ha. File No. 5930/Proposal No. SIA/UP/MIN/57260/2020

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

1. The environmental clearance is sought for Sand/Morrum Mining at Gata No. 747, Khand No. 04, Village- Pathrehta, Tehsil- Kalpi, District- Jalaun, U.P., (Leased Area 16.194 ha).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/57260/2020		
2. File No. allotted by SEIAA, UP	5930		
3. Name of Proponent	M/s Malveey Construction Prop. ShriArjunMalveey		
4. Full correspondence address of proponent and mobile No.	4, Block colony BudhaniGavadiya, Budhani, Seehor, Madhya Pradesh		
	Mobile No-		
	Email-		
5. Name of Project	Proposed riverbed Sand/Morrum mining project from Betwa River for ShriArjunMalveey		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 747, Khand No. 04		
7. Name of River	Betwa		
8. Name of Village	Pathrehta		
9. Tehsil	Kalpi		
10. District	Jalaun		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in Ha.)	16.194		
13. Max & Min mRL within lease area	Max- 102 mRL and Min- 100.2 mRL		
14. Pillar Coordinates (Verified by DMO)	Pillar No.	Latitude	Longitude
	A	25°53'5.66"N	79°48'39.05"E
	B	25°53'23.95"N	79°48'36.12"E
	C	25°53'22.37"N	79°48'45.64"E
	D	25°53'3.54"N	79°48'50.62"E
15. Total Geological Reserves	5,34,874 cum		
16. Total Mineable Reserves in LOI	3,23,880 cum		
17. Total Proposed Production	3,23,880 cum		
18. Proposed Production/year	3,23,880 cum		
19. Sanctioned Period of Mine lease	5 years		
20. Production of mine/day	1,245.38		
21. Method of Mining	Open Cast Semi-mechanized Method		
22. No. of working days	260 days		
23. Working hours/day	8 hrs		
24. No. of workers	66		
25. No. of vehicles movement/day	30		
26. Type of Land	Government waste land		
27. Ultimate Depth of Mining	2.28		

28. Nearest metalled road from site	1.8 km	
29. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.66
	Suppression of dust	7.20
	Plantation	0.65
	Others (if any)	-
	Total	8.51
30. Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt Ltd. 1922, validity= 03-02-2022	
31. Any litigation pending against the project or land in any court	No	
32. Details of 500 m Cluster Map & certificate issued by Mining Officer	Yes, 1553/ Khanij M M C- 30 Dated- 06.10.2020	
33. Details of Lease Area in approved DSR	Yes area is in DSR	
34. Proposed CER cost	Rs 1,89,300 /-	
35. Proposed EMP cost	Rs 4,66,000 /-	
36. Length and breadth of Haul Road	Length: 0.60 km, width: 6 m	
37. No. of Trees to be Planted	325 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. 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-09

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 points:

Additional TOR:

1. Permission from competent authority i.e. Irrigation department to cross the active water channel.
2. Composite map on the basis of cluster certificate of proposed operation and non operational lease areas marked in different colors should be submitted.

10. Sand/Morrum Mining from Betwa Riverbed at Gata No.- 747, Khand No.- 03, Village- Pathrehta , Tehsil- Kalpi, District-Jalaun, U.P., Shri Nikhil Jain, M/s Abundance Toujours Pvt. Ltd. Area: 16.194 ha. File No. 5931/Proposal No. SIA/UP/MIN/57272/2020

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

1. The environmental clearance is sought for Sand/Morrum Mining at Gata No. 747, Khand No. 03, Village- Pathrehta, Tehsil- Kalpi, District- Jalaun, U.P., , (Leased Area 16.194 ha), M/s Abundance Toujours Private Limited.

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

1.	On-line proposal No.	SIA/UP/MIN/57272/2020		
2.	File No. allotted by SEIAA, UP	5931		
3.	Name of Proponent	M/s Abundance Toujours Private Limited, Prop. Shri Nikhil Jain		
4.	Full correspondence address of proponent and mobile No.	13A, UNV Block, Shalimarbagh, Delhi		
		Mobile No-		
		Email-		
5.	Name of Project	Proposed riverbed Sand/Morrum mining project from Betwa River for Shri Nikhil Jain		
6.	Project location (Plot/Khasra/Gata No.)	Gata No. 747, Khand No. 03		
7.	Name of River	Betwa		
8.	Name of Village	Pathrehta		
9.	Tehsil	Kalpi		
10.	District	Jalaun		
11.	Name of Minor Mineral	Sand/Morrum		
12.	Sanctioned Lease Area (in Ha.)	16.194		
13.	Max & Min mRL within lease area	Max- 103 mRL and Min- 100.73 mRL		
14.	Pillar Coordinates (Verified by DMO)	Pillar No.	Latitude	Longitude
		A	25°52'50.77"N	79°48'36.83"E
		B	25°52'54.29"N	79°48'38.09"E
		C	25°53'5.66"N	79°48'39.05"E
		D	25°53'3.54"N	79°48'50.62"E
		E	25°52'48.48"N	79°48'50.74"E
15.	Total Geological Reserves	5,37,205cum		
16.	Total Mineable Reserves in LOI	3,23,880 cum		
17.	Total Proposed Production	3,23,880 cum		
18.	Proposed Production/year	3,23,880 cum		
19.	Sanctioned Period of Mine lease	5 years		
20.	Production of mine/day	1,245.69		
21.	Method of Mining	Open Cast Semi-mechanized Method		
22.	No. of working days	260 days		
23.	Working hours/day	8 hrs		
24.	No. of workers	63		
25.	No. of vehicles movement/day	94		
26.	Type of Land	Government waste land		
27.	Ultimate Depth of Mining	2.27		
28.	Nearest metalled road from site	1.8 km		
29.	Water Requirement	PURPOSE		REQUIREMENT (KLD)
		Drinking		0.63
		Suppression of dust		7.44
		Plantation		0.85
		Others (if any)		-
		Total		8.92
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt Ltd. 1922, validity= 03-02-2022		
31.	Any litigation pending against the project or land in any court	No		
32.	Details of 500 m Cluster Map & certificate issued by Mining Officer	Yes, 1552/ Khanij M M C- 30 Dated- 06.10.2020		
33.	Details of Lease Area in approved DSR	Yes area is in DSR		
34.	Proposed CER cost	Rs 1,86,000 /-		

35. Proposed EMP cost	Rs 4,66,000 /-
36. Length and breadth of Haul Road	Length: 0.62 km, width: 6 m
37. No. of Trees to be Planted	425 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. 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-10

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 points:

Additional TOR:

1. Permission from competent authority i.e. Irrigation department to cross the active water channel.
2. Composite map on the basis of cluster certificate of proposed operation and non operational lease areas marked in different colors should be submitted.

11. Sand/Morrum Mining from Betwa Riverbed at Gata No.- 747, Khand No.- 04, Village- Pathrehta , Tehsil-Kalpi, District- Jalaun, U.P., ShriYogendraPramani, Area: 16.194 ha. File No. 5932/Proposal No. SIA/UP/MIN/56894/2020

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

1. The environmental clearance is sought for Sand/Morrum Mining at Gata No. 747, Khand No. 04, Village- Pathrehta, Tehsil- Kalpi, District- Jalaun, U.P., (Leased Area 16.194 ha).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/57894/2020
2. File No. allotted by SEIAA, UP	5932
3. Name of Proponent	ShriYogendraPramani
4. Full correspondence address of proponent and mobile No.	356/4, Civil Lines, Thana- Nawabad, Tehsil - Sadar, District- Jhansi, Uttar Pradesh.
	Mobile No-
	Email-
5. Name of Project	Proposed riverbed Sand/Morrum mining project from Betwa River for ShriYogendraPramani
6. Project location (Plot/Khasra/Gata No.)	Gata No. 747, Khand No. 05
7. Name of River	Betwa
8. Name of Village	Pathrehta
9. Tehsil	Kalpi
10. District	Jalaun
11. Name of Minor Mineral	Sand/Morrum
12. Sanctioned Lease Area (in Ha.)	16.194
13. Max & Min mRL within lease area	Max- 101 mRL and Min- 99.2 mRL

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14. Pillar Coordinates (Verified by DMO)	Pillar No.	Latitude	Longitude
	A	25°53'23.95"N	79°48'36.12"E
	B	25°53'47.56"N	79°48'32.92"E
	C	25°53'48.00"N	79°48'38.48"E
	D	25°53'22.37"N	79°48'45.64"E
15. Total Geological Reserves	5,36,962 cum		
16. Total Mineable Reserves in LOI	3,23,880 cum		
17. Total Proposed Production	3,23,880 cum		
18. Proposed Production/year	3,23,880 cum		
19. Sanctioned Period of Mine lease	5 years		
20. Production of mine/day	1,245.69		
21. Method of Mining	Open Cast Semi-mechanized Method		
22. No. of working days	260 days		
23. Working hours/day	8 hrs		
24. No. of workers	65		
25. No. of vehicles movement/day	94		
26. Type of Land	Government waste land		
27. Ultimate Depth of Mining	2.34		
28. Nearest metalled road from site	1.8 km		
29. Water Requirement	PURPOSE		REQUIREMENT (KLD)
	Drinking		0.65
	Suppression of dust		9.85
	Plantation		0.85
	Others (if any)		-
	Total		11.35
30. Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt Ltd. 1922, validity= 03-02-2022		
31. Any litigation pending against the project or land in any court	No		
32. Details of 500 m Cluster Map & certificate issued by Mining Officer	Yes, certified by District Mining Officer		
33. Details of Lease Area in approved DSR	Yes, area is in DSR		
34. Proposed CER cost	Rs 1,91,000 /-		
35. Proposed EMP cost	Rs 5,50,000 /-		
36. Length and breadth of Haul Road	Length: 0.82 km, width: 6 m		
37. No. of Trees to be Planted	425 plants		

- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 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-11

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 points:

Additional TOR:

- Permission from competent authority i.e. Irrigation department to cross the active water channel.
- Composite map on the basis of cluster certificate of proposed operation and non operational lease areas marked in different colors should be submitted.

12. Sand/Morrum Mining from Betwa Riverbed at Gata No.-747, Khand No.- 06, Village-Pathrehta, Tehsil-Kalpi, District-Jalaun, U.P., ShriShyam Mohan Tiwari, Area: 10.121 ha. File No. 5934/Proposal No. SIA/UP/MIN/57282/2020

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

1. The environmental clearance is sought for Sand/Morrum Mining at Gata No. 747, Khand No. 06, Village- Pathrehta, Tehsil- Kalpi, District- Jalaun, U.P., (Leased Area 10.121 ha), M/s Kamtanath enterprises Pvt. Ltd.,
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/57282/2020		
2. File No. allotted by SEIAA, UP	5934		
3. Name of Proponent	M/s Kamtanath enterprises Pvt. Ltd. Prop. ShriShyam Mohan Tiwari		
4. Full correspondence address of proponent and mobile No.	03 Bhawani Nagar near BHEL Gate No. 01 Indrapuri, Bhopal, M.P.		
	Mobile No-		
	Email-		
5. Name of Project	Proposed riverbed Sand/Morrum mining project from Betwa River for ShriShyam Mohan Tiwari		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 747, Khand No. 06		
7. Name of River	Betwa		
8. Name of Village	Pathrehta		
9. Tehsil	Kalpi		
10. District	Jalaun		
11. Name of Minor Mineral	Ordinary Sand		
12. Sanctioned Lease Area (in Ha.)	10.121		
13. Max & Min mRL within lease area	Max- 101 mRL and Min- 99.2 mRL		
14. Pillar Coordinates (Verified by DMO)	Pillar No.	Latitude	Longitude
	A	25°53'47.19"N	79°48'28.69"E
	B	25°54'6.10"N	79°48'25.01"E
	C	25°54'1.60"N	79°48'30.83"E
	D	25°54'0.20"N	79°48'32.18"E
	E	25°53'56.27"N	79°48'33.20"E
	F	25°53'54.09"N	79°48'35.43"E
	G	25°53'48.00"N	79°48'38.48"E
	Workable area		
	B	25°54'6.10"N	79°48'25.01"E
	C	25°54'1.60"N	79°48'30.83"E
	D	25°54'0.20"N	79°48'32.18"E
	E	25°53'56.27"N	79°48'33.20"E
	F	25°53'54.09"N	79°48'35.43"E
	G	25°53'48.00"N	79°48'38.48"E
	H	25°53'47.47"N	79°48'31.43"E
	I	25°53'59.16"N	79°48'26.36"E
	Non Workable Area		
	H	25°53'47.47"N	79°48'31.43"E
	I	25°53'59.16"N	79°48'26.36"E

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	A	25°53'47.19"N	79°48'28.69"E
15. Total Geological Reserves	2,51,663 cum		
16. Total Mineable Reserves in LOI	1,51,815 cum		
17. Total Proposed Production	1,51,815 cum		
18. Proposed Production/year	1,51,815 cum		
19. Sanctioned Period of Mine lease	5 years		
20. Production of mine/day	583.90		
21. Method of Mining	Open Cast Semi-mechanized Method		
22. No. of working days	260 days		
23. Working hours/day	8 hrs		
24. No. of workers	56		
25. No. of vehicles movement/day	44		
26. Type of Land	Government waste land		
27. Ultimate Depth of Mining	2.12		
28. Nearest metalled road from site	0.7 km		
29. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.56	
	Suppression of dust	8.4	
	Plantation	0.55	
	Others (if any)	-	
	Total	9.51	
30. Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt Ltd. 1922, validity= 03-02-2022		
31. Any litigation pending against the project or land in any court	No		
32. Details of 500 m Cluster Map & certificate issued by Mining Officer	Yes, 1435/ Khanij M M C- 30 Dated- 26.08.2020		
33. Details of Lease Area in approved DSR	Yes area is in DSR		
34. Proposed CER cost	Rs 1,70,240 /-		
35. Proposed EMP cost	Rs 4,66,000 /-		
36. Length and breadth of Haul Road	Length: 0.7 km, width: 6 m		
37. No. of Trees to be Planted	275 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. 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 points:

Additional TOR:

1. Permission from competent authority i.e. Irrigation department to cross the active water channel.
2. Composite map on the basis of cluster certificate of proposed operation and non operational lease areas marked in different colors should be submitted.

13. Sand/Morrum Mining from of Betwa Riverbed at Gata No.- 747, Khand No.- 02, Village- Pathrehta, Tehsil-Kalpi, District-Jalaun, U.P., ShriAnees Khan, Area: 16.194 ha. File No. 5935/Proposal No. SIA/UP/MIN/57295/2020

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

1. The environmental clearance is sought for Sand/Morrum Mining at Gata No. 747, Khand No. 02, Village- Pathrehta, Tehsil- Kalpi, District- Jalaun, U.P., (Leased Area 16.194 ha).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/57295/2020		
2. File No. allotted by SEIAA, UP	5935		
3. Name of Proponent	ShriAnees Khan		
4. Full correspondence address of proponent and mobile No.	GulauliMustkil, Thana- Kalpi, Tehsil - Kalpi, District- Jalaun, Uttar Pradesh		
	Mobile No-		
	Email-		
5. Name of Project	Proposed riverbed Sand/Morrum mining project from Betwa River for ShriAnees Khan		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 747, Khand No. 02		
7. Name of River	Betwa		
8. Name of Village	Pathrehta		
9. Tehsil	Kalpi		
10. District	Jalaun		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in Ha.)	16.194		
13. Max & Min mRL within lease area	Max- 104 mRL and Min- 101.73 mRL		
14. Pillar Coordinates (Verified by DMO)	Pillar No.	Latitude	Longitude
	A	25°52'38.86"N	79°48'32.50"E
	B	25°52'50.77"N	79°48'36.83"E
	C	25°52'48.48"N	79°48'50.74"E
	D	25°52'41.48"N	79°48'50.47"E
	E	25°52'36.66"N	79°48'47.23"E
15. Total Geological Reserves	5,39,643 cum		
16. Total Mineable Reserves in LOI	3,23,880 cum		
17. Total Proposed Production	3,23,880 cum		
18. Proposed Production/year	3,23,880 cum		
19. Sanctioned Period of Mine lease	5 years		
20. Production of mine/day	1,245.69		
21. Method of Mining	Open Cast Semi-mechanized Method		
22. No. of working days	260 days		
23. Working hours/day	8 hrs		
24. No. of workers	65		
25. No. of vehicles movement/day	94		
26. Type of Land	Government waste land		
27. Ultimate Depth of Mining	2.27		
28. Nearest metalled road from site	1.8 km		
29. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.65	
	Suppression of dust	9.24	

	Plantation	0.85
	Others (if any)	-
	Total	10.74
30. Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt. Ltd. 1922, validity= 03-02-2022	
31. Any litigation pending against the project or land in any court	No	
32. Details of 500 m Cluster Map & certificate issued by Mining Officer	Yes, 1557/ Khanij M M C- 30 Dated- 06.10.2020	
33. Details of Lease Area in approved DSR	Yes area is in DSR	
34. Proposed CER cost	Rs 1,91,000 /-	
35. Proposed EMP cost	Rs 5,50,000 /-	
36. Length and breadth of Haul Road	Length: 0.77 km, width: 6 m	
37. No. of Trees to be Planted	425 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. 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-13

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 points:

Additional TOR:

1. Permission from competent authority i.e. Irrigation department to cross the active water channel.
2. Composite map on the basis of cluster certificate of proposed operation and non operational lease areas marked in different colors should be submitted.

14. Building Stone(Khanda, Boulder, Bailast&Gitti) Mining at Gata No.-93, Khand No.- 27 at Village- Bari, Tehsil-Mahoba, District -Mahoba, U.P. Smt. RatnaJadaun., Area- 1.012 ha. File No. 5941/Proposal No. SIA/UP/MIN/57419/2020

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

1. The environmental clearance is sought for Building Stone(Khanda, Boulder, Bailast&Gitti) Mining at Gata No.-93, Khand No.- 27 at Village- Bari, Tehsil-Mahoba, District -Mahoba, U.P., (Leased Area-1.012 ha.).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/57419/2020
2. File No. allotted by SEIAA, UP	5941
3. Name of Proponent	Prop. Smt. RatnaJadaun W/o ShriVirendra Singh Jadaun
4. Full correspondence address of proponent and	R/o- E-7/M-708, Arera Colony,

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mobile no.	Bhopal (M.P.)		
5. Name of Project	Building Stone, Khanda, Boulder, Ballast (Gitti)		
6. Project location (Plot/Khasra/Gata No.)	Gata No 93, Khand No.27		
7. Name of River	NA		
8. Name of Village	Bari		
9. Tehsil	Mahoba		
10. District	Mahoba (U.P.)		
11. Name of Minor Mineral	Building Stone, Khanda, Boulder, Ballast (Gitti)		
12. Sanctioned Lease Area (in Ha.)	1.012 Ha.		
13. Mineable Area (in Ha.)	1.012 Ha.		
14. Zero level mRL	NA		
15. Max. & Min mrl within lease area	Maximum mRL 176.0 mRL Minimum mRL 158 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillar	Latitude(N)	Longitude(E)
	A	25 ° 24' 56.80"	79 ° 54' 44.67"
	B	25° 24' 56.50"	79° 54' 47.60"
	C	25°24' 52.61"	79°54' 46.10"
	D	25 °24' 53.18"	79°54' 43.96"
17. Total Geological Reserves	5,01,804 m ³		
18. Total Mineable Reserves	75,900 m ³ per year as per LOI		
19. Total Proposed Production (in five year)	3,79,500 m ³ in 5 years		
20. Proposed Production/year	75,900 m ³ per year		
21. Sanctioned Period of Mine lease	10 Year		
22. Production of mine/day	253 m ³ /day		
23. Method of Mining	Open cast, Manual, semi-mechanized		
24. No. of working days	300		
25. Working hours/day	8 hours/day		
26. No. Of workers	66		
27. No. Of vehicles movement/day	8-10 Vehicles movement/day		
28. Type of Land	Building Stone(Khanda, Boulder, Bailast&Gitti) Mining		
29. Ultimate Depth of Mining	6 m		
30. Nearest metalled road from site	NH-76 at 9.80 km towards East direction from the project site.		
31. Water Requirement	PURPOSE		REQUIREMENT (KLD)
	Drinking water		0.76 KLD
	Suppression of dust		6.0 KLD
	Plantation		1.2 KLD
	Others (if any)		-
	Total		7.96 KLD (8.0 KLD approx.)
32. Name of QCI Accredited Consultant with QCI No And period of validity.	Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/EIA/1619/IA0019 and valid up to 1 December,2020		
33. Any litigation pending against the project or land in any court	No		
34. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 4052 /एमओएमसी-30/2019-20 Dated 28/04/2020		
35. Details of Lease Area in approved DSR	Page no 88 Sl. No:114		
36. Proposed CER cost	Rs 4,32,000 /-		
37. Proposed EMP cost/ Total Project cost	Rs. 72,00,000/-		
38. Length and breadth of Haul Road	500 m length and 6.0 m width		
39. No. of Trees to be Planted	300		

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-14

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 points:

Additional TOR:

1. Composite map on the basis of cluster certificate of proposed operation and non operational lease areas marked in different colors should be submitted.
2. Sanctioned area and mineable area is the same, it should be corrected and submitted.
3. Progressive mine plan should be revised and submitted.

15. Building Stone (Sand Stone) Mining at Arazi No.-170 at Village- Sonpur, Ahraura, Teh.-Chunar, Mirzapur.. Shri GulVadan., Area-1.21 ha. File No. 5942/Proposal No. SIA/UP/MIN/57452/2020

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

1. The environmental clearance is sought for Building Stone (Sand Stone) Mining at Arazi No.-170 at Village- Sonpur, Ahraura, Teh.-Chunar, Mirzapur, U.P. (Leased Area-1.21 ha.).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/57452/2020
2. File No. allotted by SEIAA, UP	5942
3. Name of Proponent	Prop. Sh. GulVadan S/o Sh. Setu
4. Full correspondence address of proponent and mobile no.	R/o-Village-Sonpur, Ahraura, Tehsil-Chunar, District Mirzapur (U.P.)
5. Name of Project	Building Stone (Sand Stone) Mining Project
6. Project location (Plot/Khasra/Gata No.)	Arazi No. 170
7. Name of River	NA
8. Name of Village	Sonpur
9. Tehsil	Chunar
10. District	Mirzapur (U.P)
11. Name of Minor Mineral	Building Stone (Sand Stone) Mining Project
12. Sanctioned Lease Area (in Ha.)	1.21 Ha
13. Mineable Area (in Ha.)	1.21 Ha
14. Zero level mRL	NA
15. Max. & Min mrl within lease area	Maximum mRL 121.50 mRL Minimum mRL 109.70 mRL

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16. Pillar Coordinates (Verified by DMO)	Points	Latitude(N)	Longitude(E)
	A	25° 02’ 50.5”	82° 58’ 56.4”
	B	25° 02’ 50.6”	82° 59’ 00.6”
	C	25° 02’ 50.1”	82° 59’ 00.6”
	D	25° 02’ 49.9”	82° 58’ 57.2”
	E	25° 02’ 48.0”	82° 58’ 57.3”
	F	25° 02’ 48.1”	82° 58’ 59.5”
	G	25° 02’ 46.6”	82° 59’ 01.8”
	H	25° 02’ 45.8”	82° 58’ 55.3”
17. Total Geological Reserves	236182 m ³ /year		
18. Total Mineable Reserves	12100 m ³ per year as per LOI		
19. Total Proposed Production (in five year)	60500 m ³		
20. Proposed Production/year	12100 m ³ per year		
21. Sanctioned Period of Mine lease	20 Years		
22. Production of mine/day	-		
23. Method of Mining	Open cast, Manual, Mechanized		
24. No. of working days	300		
25. Working hours/day	8 hours/day		
26. No. Of workers	23		
27. No. Of vehicles movement/day	3-4 Vehicles movement/day		
28. Type of Land	Building Stone (Sand Stone)Mining Project		
29. Ultimate Depth of Mining	6 m		
30. Nearest metalled road from site	MDR-169/Imaliya – Arauna - Chakia Road about 4.96km towards North Direction		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking water	0.33 KLD	
	Suppression of dust	5.28 KLD	
	Plantation	0.60KLD	
	Others (if any)	-	
	Total	6.21 KLD (6.0 KLD approx.)	
32. Name of QCI Accredited Consultant with QCI No And period of validity.	Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/EIA/1619/IA 0019 and Extension valid up to December 1,2020		
33. Any litigation pending against the project or land in any court	No		
34. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 620, Dated 27/8/2020		
35. Details of Lease Area in approved DSR	Page No- 15 SL No- 6		
36. Proposed EMP cost	Rs. 4,55,500		
37. Length and breadth of Haul Road	220.0 m length and 6.0 m width		
38. No. of Trees to be Planted	100		

- 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.

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

RESOLUTION AGAINST AGENDA NO-15

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 points:

Additional TOR:

1. Bench height and width (ratio) should be corrected and submitted.
2. Local geology of the area is to be provided.

(Dr. Virendra Misra)
Member

(Dr. Pramod Kumar Mishra)
Member

(Dr. Ranjeet Kumar Dalela)
Member

(Shri Meraj Uddin)
Member

(Dr. Ajoy Mandal)
Member

(Shri Rajiv Kumar)
Member

(Dr. Sarita Sinha)
Member

(Dr. (Prof.) S. N. Singh)
Chairman

Annexure-1

Terms of Reference for the Mining Project

- 1) Baseline data of post monsoon period October to December, 2020 should be carried out and submitted.
- 2) 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.
- 3) A copy of the document in support of the fact that the proponent is the rightful lessee of the mine should be given.
- 4) 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.
- 5) 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).
- 6) 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.
- 7) 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.
- 8) 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.
- 9) 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.
- 10) 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.
- 11) 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.

- 12) 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.
- 13) 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.
- 14) 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.
- 15) 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.
- 16) The vegetation in the RF / PF areas in the study area, with necessary details, should be given.
- 17) 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.
- 18) 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.
- 19) 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.
- 20) 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.
- 21) 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).
- 22) 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.

- 23) 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.
- 24) 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.
- 25) 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.
- 26) Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.
- 27) Description of water conservation measures proposed to be adopted in the Project should be given. 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. 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.