

### **Minutes of 565<sup>th</sup> SEAC-1 Meeting Dated 27/08/2021**

The 565<sup>th</sup> meeting of SEAC-1 was held in the Directorate of Environment, U.P. through dual-mode (physically/virtually) at 11:00 AM on 27/08/2021. Following members participated in the meeting:

- |    |                             |                  |
|----|-----------------------------|------------------|
| 1. | Shri Rajive Kumar,          | Chairman, SEAC-1 |
| 2. | Dr. Ajai Mishra,            | Member, SEAC-1   |
| 3. | Shri Om Prakash Srivastava, | Member, SEAC-1   |
| 4. | Dr. Brij Bihari Awasthi,    | Member, SEAC-1   |
| 5. | Shri Umesh Chandra Sharma,  | Member, SEAC-1   |
| 6. | Dr. Ratan Kar,              | Member, SEAC-1   |

The Chairman welcomed the members to the 565<sup>th</sup> SEAC-1 meeting which was conducted via dual-mode (virtually/physically). Nodal officer, SEAC-1 informed the committee that the agenda has been approved by the Member Secretary, SEAC-1/Director Environment. Nodal officer, SEAC-1 placed the agenda items along with the available file and documents before the SEAC-1.

**1. Sand/Morrum Mining at Khand No.-1030 to 1034, Village-Bhakhanda, Manjhanpur, Kaushambi., M/s Anuradha Construction., Area-21.50 Ha. File No. 6380 Proposal No. SIA/UP/MIN/ 64065/2021**

A presentation was made by the project proponent along with their consultant M/s Paramarsh Servicing Environment and development. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The Terms of References are sought for Sand/ Morrum Mining at Khand No.- 10/30 To 10/34, Village-Bhakhanda, Tehsil- Manjhanpur, District- Kaushambi, U.P. (Applied Area- 21.50 ha.) M/s Anuradha Construction, Prop.- Shri Vinod Kumar Rai S/o Late Hardas

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

1.	Name of Proponent	<b>M/s Anuradha Construction,</b> Prop.- Shri Vinod Kumar Rai S/o Late Hardas		
2.	Full correspondence address of proponent and mobile no.	R/o- 1962/2 Sahni Compound, Civil Line, Station Road, Jhansi, U.P.		
3.	Name of Project	Sand/ Morrum Mining Project		
4.	Project location (Plot/ Khasra /Gata No.)	Khand No.- 10/30 To 10/34		
5.	Name of River	Yamuna		
6.	Name of Village	Bhakhanda		
7.	Tehsil	Manjhanpur		
8.	District	Kaushambi		
9.	Name of Minor Mineral	Sand/ Morrum		
10.	Sanctioned Lease Area (in Ha.)	21.50 ha.		
11.	Max.& Min mrl within lease area	78.0 mRL- 74.0 mRL		
12.	Pillar Coordinates (Verified by DMO)	<b>Pillars</b>	<b>Latitude (N)</b>	<b>Longitude (E)</b>
		A	25° 16.332' N	81° 28.984' E
		B	25° 16.364' N	81° 29.395' E
		C	25° 16.198' N	81° 29.402' E
		C1	25° 16.193' N	81° 29.338' E
		D	25° 16.157' N	81° 28.978' E
		D1	25° 16.240' N	81° 28.983' E
13.	Total Geological Reserves	387000 m <sup>3</sup>		

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14.	Total Mineable Reserves	221713 m <sup>3</sup>	
15.	Total Proposed Production (in five years)	1075000 m <sup>3</sup>	
16.	Proposed Production / year	<b>Year</b>	<b>Production</b>
		1 <sup>st</sup>	215000 m <sup>3</sup>
		2 <sup>nd</sup>	215000 m <sup>3</sup>
		3 <sup>rd</sup>	215000 m <sup>3</sup>
		4 <sup>th</sup>	215000 m <sup>3</sup>
		5 <sup>th</sup>	215000 m <sup>3</sup>
		Total	1075000 m <sup>3</sup>
17.	Sanctioned Period of Mine lease	5 Year	
18.	Production of mine/day	955.56 m <sup>3</sup> (approx.)	
19.	Method of Mining	Opencast Semi-Mechanized	
20.	No.of working days	225 days	
21.	Working hours/day	8 Hours/Day	
22.	No. Of workers	40 (approx.)	
23.	No. Of vehicle movement /day	80 (approx.)	
24.	Type of Land	River Bed Govt. Land	
25.	Ultimate Depth of Mining	1.80 meter (average)	
26.	The nearest metalled road from the site	0.60 km	
27.	Water Requirement	PURPOSE	REQUIREMENT (KLD)
		Drinking & Others	0.40
		Suppression of dust	7.20
		Plantation	0.20
		Others( if any)	-----
		Total	7.80
28.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh (Servicing Environment and Development), Lucknow, U.P. QCI/NABET/EIA/1821/RA0120 Validity- 19/10/2021	
29.	Any litigation pending against the project or land in any court	No	
30.	Details of 500 m Cluster Map & certificate Verified by Mining Officer	DMO, Kaushambi vide Letter No. 181/KhananSahayakKau. Dated 31/05/2021	
31.	Details of Lease Area in approved DSR	Page No.- 10, S.No.- 36.	
32.	Proposed CER cost	1.55 Lakh	
33.	Proposed EMP cost	11.54 Lakh	
34.	Length and breadth of Haul Road.	Length- 0.60 km, Width- more than 6.0 m	
35.	No. of Trees to be Planted	110	

1. The mining would be restricted to the unsaturated zone only above the phreatic water table and will not intersect the groundwater table at any point in time.
2. The mining operation will not be carried out in the safety zone of any bridge or embankment or eco-fragile zone such as the habitat of any wild fauna.
3. There is no litigation pending in any court regarding this project.
4. 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 the following additional ToR:

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1. The project proponent/Consultant should identify the core & buffer zone (2.5km) of the mining site.
2. **Stone Mining at Gata No.-1097, Khand no.-06 New, 5 Old, Village-Utiya, Tehsil-Sadar, Mahoba, Shri Rajendra Kumar Pandey., Area-0.809 ha.,File No 6381 Proposal No. SIA/UP/MIN/ 64061/2021**

A presentation was made by the project proponent along with their consultant M/s Environmental Research and Analysis, Lucknow (U.P). Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The Terms of Reference is sought for Stone Mining at Gata No.-1097, Khand No.-06 New, 5 Old, Village-Utiya, Tehsil-Sadar, Mahoba, Shri Rajendra Kumar Pandey., Area-0.809 ha

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

1. Name of Proponent	Shri Rajendra Kumar Pandey S/o Shri Shiv Gopal Pandey		
2. Full correspondence address of proponent and mobile no.	R/o - Azad Nagar, Kabrai District- Mahoba (U.P.)		
3. Name of Project	Building Stone, Khanda, Boulder, Ballast (Gitti) Mining Project		
4. Project location (Plot/Khasra/Gata No.)	Arazi No. 1097 (Khand No. – 6 Naya, 5 Purana),		
5. Name of River	NA		
6. Name of Village	Utiya		
7. Tehsil	Sadar		
8. District	Mahoba (U.P.)		
9. Name of Minor Mineral	Building Stone, Khanda, Boulder, Ballast (Gitti) Mining Project		
10. Sanctioned Lease Area (in Ha.)	0.809 Ha.		
11. Mineable Area (in Ha.)	0.423 Ha. (Safety Margin 0.386 Ha. )		
12. Zero level mRL	NA		
13. Max. & Min mRL within the lease area	Maximum & Minimum mRL is 211 & 191 mRL respectively.		
14. Pillar Coordinates (Verified by DMO)	<b>Pillar</b>	<b>Latitude(N)</b>	<b>Longitude(E)</b>
	A	25°24'27.661"	79°56'08.017"
	B	25°24'27.380"	79°56'09.171"
	C	25°24'19.864"	79°56'08.588"
	D	25°24'19.902"	79°56'07.023"
15. Total Geological Reserves	1911242 m <sup>3</sup>		
16. Sanction Quantity as per LOI	40,000 m <sup>3</sup> per year as per LOI		
17. Total Proposed Production (in five years)	40,000 m <sup>3</sup> for one year		
18. Proposed Production/year	40,000 m <sup>3</sup> per year		
19. Sanctioned Period of Mine lease	10 Years as per LOI		
20. Production of mine/day	133.33 m <sup>3</sup> /day		
21. Method of Mining	Opencast, Mechanized		
22. No. of working days	300		
23. Working hours/day	8 hours/day		
24. No. Of workers	18		
25. No. Of vehicles movement/day	16-17 Vehicles movement/day		
26. Type of Land	Building Stone(Khanda, Boulder, Ballast (Gitti) Mining Project		
27. Ultimate Depth of Mining	6.0 m		
28. The nearest metalled road from the	NH-76 is about 6.0 km towards the southeast direction		

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site	from the project site.	
29. Water Requirement	<b>PURPOSE</b>	<b>REQUIREMENT (KLD)</b>
	Drinking water	0.28 KLD
	Dust suppression	3.0 KLD
	Plantation	0.2 KLD
	Others (if any)	-
	<b>Total</b>	<b>3.68 KLD Approx.</b>
30. Name of QCI Accredited Consultant with QCI No. And the period of validity.	Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/ EIA/ 1922/RA 0200 Valid up to 30 Dec 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	Letter No. 7971/ MMC-30/2020-21 Date- 30/01/2021	
33. Details of Lease Area in approved DSR		
34. Proposed EMP cost	35. Rs. 25,36,000/-	
36. Proposed Total Project cost	37. Rs. 70,00,000/-	
38. Length and breadth of Haul Road	250 m length and 6.0 m width	
39. No. of Trees to be Planted	400	

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

### RESOLUTION AGAINST AGENDA NO-02

The committee discussed the matter and noted that the data no. written in the affidavit provided by the consultant is different from the data for which the ToR is sought.

The Director of the consulting firm should ensure that such mistakes should not be repeated in the future otherwise the committee shall be bound to take adverse action, after getting assurance from director of consultancy firm. 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:

1. The project proponent/Consultant should identify the core & buffer zone (2.5km) of the mining site.
2. Mining Plan approval letter issued by DGM, U.P. vide letter no. 2021/5/31/59015 dated 12-07-2021 wherein, it is mentioned that *"the height of the bench should be maximum 1 meter and width should be minimum 10 meters. Mining will be done up to a maximum depth of 3 meters or till the water level whichever is less. Mining will be done from 0 levels upward"*. However, there is a discrepancy in the depth of mines in the mining plan. Proper clarification regarding the above should be submitted during the EIA presentation

### 3. Stone Mining at Gata No.-989, Khand no.-12, Village-Makarbai Tehsil-Sadar, Mahoba, ShriRajendra Kumar Pandey, Area-1.214 ha., File No. 6382 Proposal No SIA/UP/MIN/64071/2021

A presentation was made by the project proponent along with their consultant M/s Environmental Research and Analysis, Lucknow (U.P). Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

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1. The Terms of Reference are sought for Stone Mining at Gata No.-989, Khand no.-12, Village- Makarbai Tehsil-Sadar, Mahoba, Shri Rajendra Kumar Pandey, Area-1.214 ha

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

1. Name of Proponent	Shri Rajendra Kumar Pandey S/o Shri Shiv Gopal Pandey		
2. Full correspondence address of proponent and mobile no.	R/o - Azad Nagar, Kabrai District- Mahoba (U.P.)		
3. Name of Project	Building Stone, Khanda, Boulder, Ballast (Gitti) Mining Project		
4. Project location (Plot/Khasra/Gata No.)	Arazi No. 989 (Khand No. – 12),		
5. Name of River	NA		
6. Name of Village	Makarbai		
7. Tehsil	Sadar		
8. District	Mahoba (U.P.)		
9. Name of Minor Mineral	Building Stone, Khanda, Boulder, Ballast (Gitti) Mining Project		
10. Sanctioned Lease Area (in Ha.)	1.214 Ha.		
11. Mineable Area (in Ha.)	0.68 Ha. (Safety Margin 0.534 Ha. )		
12. Zero level mRL	NA		
13. Max. & Min mRL within the lease area	Maximum & Minimum mRLis 233& 191 mRL respectively.		
14. Pillar Coordinates (Verified by DMO)	Pillar	Latitude(N)	Longitude(E)
	A	N 25°19'53.621"	E 79°59'25.242"
	B	N 25°19'52.740"	E 79°59'26.943"
	C	N 25°19'45.919"	E 79°59'25.707"
	D	N 25°19'46.719"	E 79°59'24.023"
15. Total Geological Reserves	1,47,250 m <sup>3</sup>		
16. Sanction Quantity as per LOI	60,000 m <sup>3</sup> per year as per LOI		
17. Total Proposed Production (in five years)	60,000 m <sup>3</sup> for one year		
18. Proposed Production/year	60,000 m <sup>3</sup> per year		
19. Sanctioned Period of Mine lease	10 Years as per LOI		
20. Production of mine/day	200.0 m <sup>3</sup> /day		
21. Method of Mining	Open cast, Mechanized		
22. No. of working days	300		
23. Working hours/day	8 hours/day		
24. No. Of workers	18		
25. No. Of vehicles movement/day	16-17 Vehicles movement/day		
26. Type of Land	Building Stone(Khanda, Boulder, Ballast (Gitti) Mining Project		
27. Ultimate Depth of Mining	6.0 m		
28. The nearest metalled road from the site	NH-76 is about 3.90 km towards North-West direction from the project site.		
29. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking water	0.28 KLD	
	Dust suppression	3.0 KLD	
	Plantation	0.6 KLD	
	Others (if any)	-	
	Total	3.88 KLD Approx.	
30. Name of QCI Accredited Consultant with QCI No And the period of validity.	Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/ EIA/ 1922/RA 0200 Valid up to 30 Dec, 2022		

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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	Letter No. 7972/ MMC-30/2020-21 Date- 30/01/2021
33. Details of Lease Area in approved DSR	Amendment: Letter no:154/M.M.C-30-Khanij(2021-22) dated 12/05/2021
34. Proposed EMP cost	27,68,000/-
35. Proposed Total Project cost	Rs. 70,00,000/-
36. Length and breadth of Haul Road	200 m length and 6.0 m width
37. No. of Trees to be Planted	600

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

**RESOLUTION AGAINST AGENDA NO-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 flowing additional ToR:**

1. The project proponent/Consultant should identify the core & buffer zone (2.5km) of the mining site.
2. Mining Plan approval letter issued by DGM, U.P. vide letter no. 2021/5/21/57886 dated 12-07-2021 wherein, it is mentioned that *“the height of the bench should be maximum 1 meter and width should be minimum 10 meters. Mining will be done up to a maximum depth of 3 meters or till the water level whichever is less. Mining will be done from 0 levels upward”*. However, there is a discrepancy in the depth of mines in the mining plan. Proper clarification regarding the above should be submitted during the EIA presentation

**4. Sand/Morrum Mining from Rihand Riverbed at Araj No.-246, Khand No.-Sa, Village-Khebandha, Tehsil-Obra, Sonbhadra, Shri Sachin Agarwal, M/s Omaxe Minerals Pvt. Ltd., Area-7.00 Ha File No. 6384 Proposal No. SIA/UP/MIN/ 64075/2021**

A presentation was made by the project proponent along with their consultant M/s Ind Tech House Consult. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The Terms of Reference is sought for Sand/Morrum Mining from Rihand Riverbed at Araj No.-246, Khand No.-Sa, Village-Khebandha, Tehsil-Obra, Sonbhadra, Shri Sachin Agarwal, M/s Omaxe Minerals Pvt. Ltd., Area-7.00 Ha
2. **Salient features of the project as submitted by the project proponent:**

1.	Name of Proponent	Shri. Sachin Agarwal
2.	Full correspondence address of proponent and mobile no.	Shri Sachin Agarwal R/O- HIG-07 Sec-02 Shankar Nagar, Raipur 492007
3.	Name of Project	Sand/Morrum Mining Project from Rihand riverbed at Khand Sa Araj No'.-246 Village- Khebandha, Tehsil-Obra, District- Sonbhadra, U.P. Area 7.00 Ha Omax Minerals Pvt. Ltd. Shri. Sachin Agarwal
4.	Project	Khand Sa Araj No'.-246

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	Location(Plot.Khsra/Gata/Araji No.)																				
5.	Name of Village	Khebandha																			
6.	Tehsil	Obra																			
7.	District	Sonbhadra																			
8.	Name of Minor Mineral	Sand/Morrum Mining																			
9.	Name Of River	Rihand																			
10.	Sanctioned Lease Area (in Ha.)	7.00 Ha.																			
11.	Max. & Min mRL within lease area	170.00 mRL& 161.00 mRL																			
12.	Pillar Coordinates (Verified by DMO)	<table><tr><th colspan="3">Total Lease Area</th></tr><tr><th>Point</th><th>Latitude</th><th>Longitude</th></tr><tr><td>A</td><td>24°30'24.98"N</td><td>82°58'21.25"E</td></tr><tr><td>B</td><td>24°30'24.27"N</td><td>82°58'27.99"E</td></tr><tr><td>C</td><td>24°30'11.25"N</td><td>82°58'24.22"E</td></tr><tr><td>D</td><td>24°30'12.21"N</td><td>82°58'16.81"E</td></tr></table>		Total Lease Area			Point	Latitude	Longitude	A	24°30'24.98"N	82°58'21.25"E	B	24°30'24.27"N	82°58'27.99"E	C	24°30'11.25"N	82°58'24.22"E	D	24°30'12.21"N	82°58'16.81"E
Total Lease Area																					
Point	Latitude	Longitude																			
A	24°30'24.98"N	82°58'21.25"E																			
B	24°30'24.27"N	82°58'27.99"E																			
C	24°30'11.25"N	82°58'24.22"E																			
D	24°30'12.21"N	82°58'16.81"E																			
13.	Total Geological Reserves	2,80,000m <sup>3</sup> /Annum																			
14.	Total Mineable Reserve in LOI	1,05,000 m <sup>3</sup> /Annum																			
15.	Total Proposed Production in LOI	1,05,000 m <sup>3</sup> /Annum																			
16.	Total Proposed Production in 5 Years	105000*5=5,25,000 m <sup>3</sup>																			
17.	Sanctioned Period of Mine lease	5 Years																			
18.	Production of mine/day	467m <sup>3</sup>																			
19.	Method of Mining	Opencast Manual/ Semi Mechanized Mining/ Bar Scalping or Skimming Method IBM Rules & SSMMG, 2016																			
20.	No. of working days	225 Days																			
21.	Working hours/day	8 Hours																			
22.	No. of worker	36 Workers																			
23.	No. of vehicles movement/day	52 Trucks / Day (Depending on market demand)																			
24.	Type of Land	Govt. Land																			
25.	Ultimate of Depth of Mining	2.00 m																			
26.	The nearest metalled road from the site	1.30Km																			
27.	Water Requirement	PURPOSE	REQUIREMENT (KLD)																		
		Drinking	0.36 KLD																		
		Suppression of dust	12.00 KLD																		
		Plantation	2.768KLD																		
		Others (if any)																			
		Total	15.128 KLD (Approx. 15.00 KLD)																		
28.	Name of QCI Accredited Consultant with QCI No and period of validity.	Ind Tech House Consult QCI No.- 85Period of Validity- 27-10-2021																			
29.	Any litigation pending against the project or land in any court	No																			
30.	Details of 500 m Cluster Map & Certificate verified by Mining Officer	Letter No-980/Khanij/2021 Date-22.3.2021																			
31.	Details of Lease Area in approved	Page No -17 Sr. No'-3 ShuddhiPatra vide Letter No'																			

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	DSR	2040/Khanij/2021 dated 12.7.2021 Sr. No'-3
32.	Proposed CER cost	2% of total project cost i.e. Rs.1.74 Lakhs
33.	Proposed EMP cost	20.79 Lakhs
34.	Length and breadth of Haul Road	1000 mt Length & 6m width haulage road
35.	No. of Trees to be Planted	692 Trees

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

**RESOLUTION AGAINST AGENDA NO-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 flowing additional ToR:

- The project proponent/Consultant should identify the core & buffer zone (2.5km) of the mining site.
- CEPI certificate should be submitted at the time of EIA presentation.

**5. Stone Mining at Araj No./Plot No./Gata No.-98, Khand No.-06, Village Parvezabad, Tehsil- Bara, Prayagraj. Smt. Usha Rani Gavri, M/s M.K.A. Enterprises., Area-6.880 ha., File No. 6386 Proposal No. SIA/UP/MIN/ 64085/2021**

A presentation was made by the project proponent along with their consultant M/s Paramarsh Servicing Environment and development. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

- The Terms of Reference are sought for Stone Mining at Araj No./Plot No./Gata No.-98, Khand No.-06, Village-Parvezabad, Tehsil- Bara, Prayagraj. Smt. Usha Rani Gavri, M/s M.K.A. Enterprises., Area-6.880 ha
- Salient features of the project as submitted by the project proponent:**

1.	Name of Proponent	M/s M.K.A. Enterprises. Smt. Usha Rani Gavri (Prop) W/o ShriHeman Das Gavri
2.	Full correspondence address of proponent and mobile no.	M/s M.K.A. Enterprises. Usha Rani Gavri (Prop) W/o ShriHeman Das Gavri Office Add: 3rd Floor, Flat No.104,Skandh Apartment, Lukarganj, Prayagraj. Permanent Add:- 21A, Lukarganj ( Near Police Chowki),Thana- Kuldabad, Tehsil- Sadar, District – Prayagraj U.P.- 211001 Mobile no. – 9369243591 Email ID - ushastone91@gmail.com
3.	Name of Project	Building Stone (Khanda, Boulder Gitti) Sand Stone mine at Araj No./Plot No.- 98 Khand No.-06, Area 6.880 ha. (17.0 Acres) at Village – Parvezabad Tehsil- Bara, District- Prayagraj, Uttar Pradesh of M/s M.K.A. Enterprises.
4.	Project Location (Plot.Khasra/Gata no.)	Araj No./Plot No. - 98 Khand No.-06
5.	Name of River	Yamuna River – 6.38 Km (N) Ganga River- 21.22 km (N)



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6.	Name of Village	• Parvezabad– 0.77 Km (S) • BasaharaTarhar – 1.60 Km (N)																	
7.	Tehsil	Bara																	
8.	District	Prayagraj																	
9.	Name of Minor Mineral	Building Stone (Khanda, Boulder, Gitti)																	
10.	Sanctioned Lease Area (in Ha.)	6.880 ha																	
11.	Max. & Min mRL within the lease area	Highest mRL 111.0 Lowest mRL101.0																	
12.	Pillar Coordinates (Verified by DMO)	<table><tr><th>Point</th><th>Latitude</th><th>Longitude</th></tr><tr><td>A</td><td>25° 17.853"N</td><td>81° 41.771"E</td></tr><tr><td>B</td><td>25° 17.744"N</td><td>81° 41.866"E</td></tr><tr><td>C</td><td>25° 17.626"N</td><td>81° 41.747"E</td></tr><tr><td>D</td><td>25° 17.703" N</td><td>81° 41.669"E</td></tr></table>	Point	Latitude	Longitude	A	25° 17.853"N	81° 41.771"E	B	25° 17.744"N	81° 41.866"E	C	25° 17.626"N	81° 41.747"E	D	25° 17.703" N	81° 41.669"E		
Point	Latitude	Longitude																	
A	25° 17.853"N	81° 41.771"E																	
B	25° 17.744"N	81° 41.866"E																	
C	25° 17.626"N	81° 41.747"E																	
D	25° 17.703" N	81° 41.669"E																	
13.	Total Geological Reserves	23,7,948 m3 / 6,66,254 Tonnes																	
14.	Total Mineable Reserve	12,88,920 m3 / 336,08,976Tonnes																	
15.	Total Proposed Production	3,44,000 m <sup>3</sup> (5 years)																	
16.	Proposed Production /year (as per LoI)	68,800 m3/annum 1,92,640 TPA																	
17.	Sanctioned Period of Mine lease	5 years																	
18.	Production of mine/day	229 m <sup>3</sup> /day																	
19.	Method of Mining	Opencast, /Semi-mechanized method with the help of drilling & blasting with prior permission taken from The Director of Mines safety Varanasi U.P. under regulation 106 (b) of MMR 1961.																	
20.	No. of working days	300																	
21.	Working hours/day	8																	
22.	No. of worker	46																	
23.	No. of vehicles movement/day	23																	
24.	Type of Land	Govt./Non Forest Land																	
25.	Depth of Mining	6.0 m																	
26.	The nearest metalled road from the site	0.75 km																	
27.	Water Requirement	PURPOSE																	
		Drinking - 0.46 KLD																	
		Suppression of dust - 7.2 KLD																	
		Plantation - 0.335 KLD																	
		Others (if any) - 0.00 KLD																	
		Total - 8.0 KLD																	
28.	Name of QCI Accredited Consultant with QCI No and period of validity.	Paramarsh Servicing Environment and development NABET/EIA/1821 RA 0120, Valid till – 19 October 2021																	
29.	Any litigation pending against the project or land in any court	No																	
30.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No – 758/Khanij/2020-21 dated - 06/03/2021																	
31.	Details of Lease Area in approved DSR	Serial no. 218, Page no. 34																	
32.	Project Cost	1.55 Crore/year																	
33.	Proposed CER cost	3.10 lacs/annum																	
34.	Length and breadth of Haul Road	Length – 0.60 km Breadth – 6.00 m																	
35.	No. of Trees to be Planted	335																	

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

**RESOLUTION AGAINST AGENDA NO-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 flowing additional ToR:**

1. The project proponent/Consultant should identify the core & buffer zone (2.5km) of the mining site.

**6. Stone Mining at Gata No.-339, Khand no.-27 New, 40 Old, at Village-Daharra, Tehsil & District- Jhansi. Shri Prashant Malviya & Shri Neeraj Davey, Area-2.995 ha., File No. 6390 1Proposal No. SIA/UP/MIN/ 64093/2021**

A presentation was made by the project proponent along with their consultant M/s Paramarsh Servicing Environment and development. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for the "Building Stone (Khanda, Boulder, Ballast (Gitti))" Project at Gata No.-339(Khand No.- 27 New, 40 Old), Village- Daharra, Tehsil- Mahoba, District- Mahoba, U.P. M/S. Silver Mist Retail Pvt. Ltd. Directors- Shri Prashant Malviya & Shri Neeraj Davey (Applied Area- 2.995 ha.)

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

1.	Name of Proponent	<b>M/S. Silver Mist Retail Pvt. Ltd. Directors- Shri Prashant Malviya &amp; Shri Neeraj Davey</b>		
2.	Full correspondence address of the proponent	R/o-1, Ramganj Ward, Sohagpur, Hausangabad, (M.P) Pin Code- 461005		
3.	Name of Project	Building Stone (Khanda, Boulder, Ballast (Gitti)) Mining Project		
4.	Project location (Plot/ Khasra /Gata No.)	Gata No.-339(Khand No.- 27 New, 40 Old)		
5.	Name of Village	Daharra		
6.	Tehsil	Mahoba		
7.	District	Mahoba		
8.	Name of Minor Mineral	Building Stone (Khanda, Boulder, Ballast (Gitti))		
9.	Sanctioned Lease Area (in Ha.)	2.995 ha.		
10.	Max.& Min mRL within lease area	218mRL- 197mRL		
11.	Pillar Coordinates (Verified by DMO)	<b>Pillars</b>	<b>Latitude (N)</b>	<b>Longitude (E)</b>
		A	25° 20' 14.953"N	79° 57' 58.068"E
		B	25° 20' 16.562"N	79° 58' 01.218"E
		C	25° 20' 12.448"N	79° 58' 06.434"E
		D	25° 20' 12.246"N	79° 58' 07.870"E
		E	25° 20' 09.131"N	79° 58' 07.546"E
		F	25° 20' 09.243"N	79° 58' 03.557"E
		G	25° 20' 13.301"N	79° 58' 00.570"E
		H	25° 20' 12.908"N	79° 58' 00.138"E

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12.	Total Geological Reserves	3014909 m <sup>3</sup>	
13.	Total Mineable Reserves	973585 m <sup>3</sup>	
14.	Total Proposed Production (in five years)	740000 m <sup>3</sup>	
15.	Proposed Production / year	Year	Production
		1 <sup>st</sup>	148000 m <sup>3</sup>
		2 <sup>nd</sup>	148000 m <sup>3</sup>
		3 <sup>rd</sup>	148000 m <sup>3</sup>
		4 <sup>th</sup>	148000 m <sup>3</sup>
		5 <sup>th</sup>	148000 m <sup>3</sup>
		Total	740000 m <sup>3</sup>
16.	Sanctioned Period of Mine lease	10 Years	
17.	Production of mine/day	493.33 m <sup>3</sup> (approx.)	
18.	Method of Mining	Opencast Semi-Mechanized	
19.	No.of working days	300 days	
20.	Working hours/day	8 Hours/Day	
21.	No.Of workers	47	
22.	No.Of vehicle movement /day	41 (approx.)	
23.	Type of Land	Govt. revenue land	
24.	Ultimate Depth of Mining	18 meter (average)	
25.	The nearest metalled road from the site	0.25 km	
26.	Water Requirement	PURPOSE	REQUIREMENT (KLD)
		Drinking & Others	0.50
		Suppression of dust	1.50
		Plantation	0.30
		Others( if any)	-----
		Total	2.30
27.	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-19/10/2021	
28.	Any litigation pending against the project or land in any court	No	
29.	Details of 500 m Cluster Map & certificate Verified by Mining Officer	DMO, Mahoba vide Letter No. 136/MMC-30/2021-22 Dated 06/05/2021	
30.	Details of Lease Area in approved DSR	Page No.- 3, Sr. No.- 92	
31.	Proposed CER cost	2.0 Lakh	
32.	Proposed EMP cost	12.80 Lakh	
33.	Length and breadth of Haul Road.	Length- 0.25 k m, Width- more than 6.0 m	
34.	No. of Trees to be Planted	300	

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

**RESOLUTION AGAINST AGENDA NO-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 flowing additional ToR:**

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1. The project proponent/Consultant should identify the core & buffer zone (2.5km) of the mining site.

**7. Stone Mining at Gata No.-310, Khand no.-06, Village- DagariaRund, Tehsil - Sadar, Jhansi. Shri Anand Kumar Yadav, Area-1.385 ha., File No. 6393 Proposal No. SIA/UP/MIN/ 64097/2021**

A presentation was made by the project proponent along with their consultant M/s Globus Environment Engineering Services. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The Terms of Reference are sought for Stone Mining at Gata No.-310, Khand no.-06, Village- DagariaRund, Tehsil - Sadar, Jhansi. Shri Anand Kumar Yadav, Area-1.385 ha

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

1.	Agenda No. & Meeting Date	Sr. No. 07, SEAC-1, 565 <sup>th</sup> Meeting Dated- 27-08-2021																																												
2.	On-line proposal No.	SIA/UP/MIN/64097/2021 Dated: 23-06-2021																																												
3.	File no. allotted by SEIAA,UP	6393																																												
4.	Name of Proponent	ShriAnand Kumar YadavS/o ShriSadhuramYadav																																												
5.	Full correspondence address of proponent and mobile no.	27,IsaiChauki, Khailar, Tehsil & District – Jhansi (U.P).																																												
6.	Name of Project	Khandas-Boulder /Gitti-Ballast Mining Project																																												
7.	Name of River/Canal	<ul style="list-style-type: none"><li>• Rajghat Canal, 1.5Km, ENE</li><li>• GhuranNadi, 5.2 km, SE</li></ul>																																												
8.	Project location (Plot/Khasra/Gata No.)	Gata No - 310 (Khand No - 06), Area: 1.385 Ha, Village: DagariaRund, Tehsil: Sadar, District: Jhansi, State: Uttar Pradesh																																												
9.	Name of Minor Mineral	Khandas-Boulder /Gitti-Ballast																																												
10.	Schedule (as per EIA notification 2006)	1(a)i																																												
11.	Category of Project	<div>B(1)<table><tr><th>S. No.</th><th>Village</th><th>Gata No.</th><th>Khand No.</th><th>Area (Ha)</th></tr><tr><td>1</td><td>DagariaRund</td><td>310</td><td>-</td><td>2.023</td></tr><tr><td>2</td><td>DagariaRund</td><td>310</td><td>-</td><td>0.809</td></tr><tr><td>3</td><td>DagariaRund</td><td>310</td><td>-</td><td>2.0</td></tr><tr><td>4</td><td>DagariaRund</td><td>310</td><td>-</td><td>2.0</td></tr><tr><td>5</td><td>DagariaRund</td><td>310</td><td>-</td><td>1.385</td></tr><tr><td colspan="4"></td><td>(Proposed)</td></tr><tr><td colspan="2"></td><td colspan="3">Total Area= 8.217 Ha</td></tr></table><p>Since the total area exceeds 5Ha, therefore as per MoEF&amp;CC, GoI O.M. No. L-11011/175/2018-IA-II (M) Dated: 12/12/2018 if a cluster or an individual lease exceeds 5 Ha (Cluster Certificate attached as Annexure) the EIA/EMP be made applicable in the process of grant of prior Environmental Clearance.</p></div>					S. No.	Village	Gata No.	Khand No.	Area (Ha)	1	DagariaRund	310	-	2.023	2	DagariaRund	310	-	0.809	3	DagariaRund	310	-	2.0	4	DagariaRund	310	-	2.0	5	DagariaRund	310	-	1.385					(Proposed)			Total Area= 8.217 Ha		
S. No.	Village	Gata No.	Khand No.	Area (Ha)																																										
1	DagariaRund	310	-	2.023																																										
2	DagariaRund	310	-	0.809																																										
3	DagariaRund	310	-	2.0																																										
4	DagariaRund	310	-	2.0																																										
5	DagariaRund	310	-	1.385																																										
				(Proposed)																																										
		Total Area= 8.217 Ha																																												
12.	Sanctioned Lease Area (in Ha.)	Total Lease Area: 1.385 Ha																																												
13.	Mineable/Workable Area (in Ha.)	1.385 Ha																																												
14.	Project Status	New Mine, District Magistrate has given consent vide letter no. 1227/ 30 एम. एम. सी. / 2020-21, Dated 22/10/2021 for the																																												

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		exploitation for 20 Years having production capacity <b>41,550 m<sup>3</sup> / annum</b>		
15.	Pillar Coordinates (Verified by DMO)	<b>Pillars</b>	<b>Latitude(N)</b>	<b>Longitude(E)</b>
		<b>A</b>	25°21'36.83"N	78°31'41.28"E
		<b>B</b>	25°21'34.77"N	78°31'39.93"E
		<b>C</b>	25°21'36.95"N	78°31'34.92"E
		<b>D</b>	25°21'38.23"N	78°31'36.42"E
		<b>E</b>	25°21'37.64"N	78°31'37.92"E
		<b>F</b>	25°21'40.12"N	78°31'39.89"E
		Toposheet No: 54K/11 and 54K/7		
16.	Max. & Min mRL within the lease area	Highest Point:268mRL Lowest Point:266mRL		
17.	Total Geological Reserves	4,02,213 m <sup>3</sup>		
18.	Total Mineable Reserves ( in approved mining plan)	2,35,381 m <sup>3</sup>		
19.	Proposed Production/year	41,550 m <sup>3</sup>		
20.	Sanctioned Period of Mine lease	20 years		
21.	Production of mine/day	159.80 m <sup>3</sup> /day (447.46 T/day) Bulk Density =2.8		
22.	Method of Mining	<b>Method</b>	<b>Technology</b>	<b>Tools/ Machines</b>
		Manual mining with drilling and blasting	Opencast, semi-mechanized (Other than fully mechanized )	Jackhammer drill rods, Blasting material
23.	No. of Working days	260 Days		
24.	Working hours/day	8 hours/day		
25.	No. of Workers	35		
26.	No. of vehicles movement/day	45 Units (Assumed Loading Capacity: 10 m <sup>3</sup> /Unit)		
27.	Type of Land	State Government Land		
28.	Ultimate Depth of Mining	24 m (268mRL – 244 mRL) (source: Approved Mining Plan)		
29.	The nearest metalled road from the site	Babina Road, 780m, East		
30.	Water Requirement	<b>Source</b>	<b>Purpose</b>	<b>Detail</b>
		<b>Portable Tanker</b>	Drinking @ 15 lpcd/worker	35 workers x 15lpcd = 525lit/day
			Land reclamation/plantation @ 2 Lit/Tree	280Treesx2lpcd = 560 Lit/day
			Dust suppression twice in a day (Haulage Road Area) @ 1 Lit/Sq.m	Haul Road Area = (500m Length x 7m Width = 3500m <sup>2</sup> ) x 1 lit/sq.m = 3500 litx 2(Twice per

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			day) = 7,000 lit/day	
		<b>Total</b>		<b>8.085 KLD</b>
31.	Name of QCI Accredited Consultant with QCI No. and period of validity.	Globus Environment Engineering Services Certificate No. NABET/EIA/1821/IA0034, Extension Validity Till September 29/2021		
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), Jhansi Letter No. 2578/30एम.एम. सी/2021-22, Date - 31/03/2021		
34.	Details of Lease Area in approved DSR	Sr No. 5, Letter No. 713/30एम°एम°सी°/डी°एस°आर°/2020-2021, दिनांक 31-07-2020		
35.	Total Cost of Project	Rs. 129.42 Lakhs		
36.	Proposed CER Cost	Rs. 2.60 Lakhs (2% of the total Project Cost)		
37.	Proposed EMP Cost	Rs. 25.46 Lakhs		
38.	Length and breadth of Haul Road	Length 500 m & Width 7 m		
39.	No. of Trees to be Planted	280 Trees		

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

**RESOLUTION AGAINST AGENDA NO-07**

**Dr. Ajai Mishra, Member, SEAC-1 recused during the appraisal of this proposal. The remaining 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 flowing additional ToR:**

- The project proponent/Consultant should identify the core & buffer zone (2.5km) of the mining site.

**8. Stone Mining at Gata No.-712, Khand no.-02, Village-Chhikahra, Tehsil - Sadar, Mahoba, Smt. HusnaraBano., Area-2.024 ha., File No. 6394 Proposal No. SIA/UP/MIN/ 64099/2021**

A presentation was made by the project proponent along with their consultant M/s Environmental Research and Analysis, Lucknow (U.P). Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

- The Terms of Reference are sought for Stone Mining at Gata No.-712, Khand no.-02, Village-Chhikahra, Tehsil - Sadar, Mahoba, Smt. HusnaraBano., Area-2.024 ha.
- Salient features of the project as submitted by the project proponent:**

1. Name of Proponent	SmtHusnaraBano W/o- ShriAkilAhamad
2. Full correspondence address of proponent and mobile no.	R/o- Takiyapura District-Mahoba (U.P.)
3. Name of Project	Building Stone, Khanda, Boulder, Ballast (Gitti)

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	Mining Project		
4. Project location (Plot/Khasra/Gata No.)	Arazi No. 712 (Khand No. – 02),		
5. Name of River	NA		
6. Name of Village	Chhikahra		
7. Tehsil	Sadar		
8. District	Mahoba (U.P.)		
9. Name of Minor Mineral	Building Stone, Khanda, Boulder, Ballast (Gitti) Mining Project		
10. Sanctioned Lease Area (in Ha.)	2.024 Ha.		
11. Mineable Area (in Ha.)	1.664 Ha. (Safety Margin 0.36 Ha. )		
12. Zero level mRL	NA		
13. Max. & Min mRL within the lease area	Maximum & Minimum mRLis 202& 196 mRL respectively.		
14. Pillar Coordinates (Verified by DMO)	<b>Pillar</b>	<b>Latitude(N)</b>	<b>Longitude(E)</b>
	A	N25°22'00.552"	E79°52'40.522"
	B	N25°21'59.609"	E79°52'41.573"
	C	N25°22'00.224"	E79°52'41.793"
	D	N25°22'03.853"	E79°52'40.663"
	E	N25°22'04.700"	E79°52'41.426"
	F	N25°22'01.804"	E79°52'43.316"
	G	N25°21'53.921"	E79°52'43.608"
	H	N25°21'55.472"	E79°52'40.516"
15. Total Geological Reserves	4,34,080 m <sup>3</sup>		
16. Sanction Quantity as per LOI	1,25,000 m <sup>3</sup> per year as per LOI		
17. Total Proposed Production	2,49,940 m3 for two years		
18. Proposed Production/year	1,25,000 m <sup>3</sup> per year		
19. Sanctioned Period of Mine lease	10 Years as per LOI		
20. Production of mine/day	416.67 m <sup>3</sup> /day		
21. Method of Mining	Opencast, Mechanized		
22. No. of working days	300		
23. Working hours/day	8 hours/day		
24. No. Of workers	23		
25. No. Of vehicles movement/day	16-17 Vehicles movement/day		
26. Type of Land	Building Stone(Khanda, Boulder, Ballast (Gitti) Mining Project		
27. Ultimate Depth of Mining	6.0 m		
28. The nearest metalled road from the site	NH-76 & NH-86 is about 6.39 km towards South-East direction from the project site.		
29. Water Requirement	<b>PURPOSE</b>	<b>REQUIREMENT (KLD)</b>	
	Drinking water	0.33 KLD	
	Dust suppression	3.0 KLD	
	Plantation	0.1 KLD	
	Others (if any)	-	
	<b>Total</b>	<b>3.43 KLD Approx.</b>	
30. Name of QCI Accredited Consultant with QCI No And the period of validity.	Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/ EIA/ 1922/RA 0200 Valid up to 30 Dec 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	Letter No. 8293/ MMC-30/2020-21 Date-27/02/2021		

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33. Details of Lease Area in approved DSR	Amendment Letter no:154/M.M.C-30-Khanij(2021-22) dated 12/05/2021
34. Proposed EMP cost	Rs 37,80,000/-
35. Proposed Total Project cost	Rs. 95,00,000/-
36. Length and breadth of Haul Road	250 m length and 6.0 m width
37. No. of Trees to be Planted	1000

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

### RESOLUTION AGAINST AGENDA NO-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 flowing additional ToR:**

1. The project proponent/Consultant should identify the core & buffer zone (2.5km) of the mining site.

**9. Stone Mining at Gata No.-339, Khand no.-30 New, 19 Old, Village-Daharra, Tehsil-Sadar, Mahoba, Shri Mujiburrahman.,Area-1.214 ha., File No. 6396Proposal No. SIA/UP/MIN/64103/2021**

A presentation was made by the project proponent along with their M/s Environmental Research and Analysis, Lucknow (U.P). Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The Terms of Reference are sought for Stone Mining at Gata No.-712, Khand no.-02, Village-Chhikahra, Tehsil - Sadar, Mahoba, Smt. HusnaraBano., Area-2.024 ha.
2. **Salient features of the project as submitted by the project proponent:**

1. Name of Proponent	ShriMujiburrahman S/o- Shri Abdul Majeed
2. Full correspondence address of proponent and mobile no.	R/o- TakiyapuraMohalla- Husainganj Ward BandhaMaodhaDistrict-Hamirpur(U.P.)
3. Name of Project	Building Stone, Khanda, Boulder, Ballast (Gitti) Mining Project
4. Project location (Plot/Khasra/Gata No.)	Arazi No. 339 (Khand No. – 30 New, 19 Old),
5. Name of River	NA
6. Name of Village	Daharra
7. Tehsil	Sadar
8. District	Mahoba (U.P.)
9. Name of Minor Mineral	Building Stone, Khanda, Boulder, Ballast (Gitti) Mining Project
10. Sanctioned Lease Area (in Ha.)	1.214 Ha.
11. Mineable Area (in Ha.)	0.66 Ha. (Safety Margin 0.554Ha. )
12. Zero level mRL	NA
13. Max. & Min mRL within the lease area	Maximum & Minimum mRLis 217&203mRL respectively.



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14. Pillar Coordinates (Verified by DMO)	<b>Pillar</b>	<b>Latitude(N)</b>	<b>Longitude(E)</b>
	A	N25°20'9.568"	79°57'47.027" E
	B	25°20'10.970" N	79°57'48.000" E
	C	25°20'10.280" N	79°57'48.686" E
	D	25°20'12.080" N	79°57'50.853" E
	E	25°20'9.931" N	79°57'53.676" E
	F	25°20'8.502" N	79°57'53.554" E
15. Total Geological Reserves	2,12,730 m <sup>3</sup>		
16. Sanction Quantity as per LOI	60,000 m <sup>3</sup> per year as per LOI		
17. Total Proposed Production	1,20,000 m <sup>3</sup> for two years		
18. Proposed Production/year	60,000 m <sup>3</sup> per year		
19. Sanctioned Period of Mine lease	10 Years as per LOI		
20. Production of mine/day	200.00 m <sup>3</sup> /day		
21. Method of Mining	Opencast, Mechanized		
22. No. of working days	300		
23. Working hours/day	8 hours/day		
24. No. Of workers	18		
25. No. Of vehicles movement/day	16-17 Vehicles movement/day		
26. Type of Land	Building Stone(Khanda, Boulder, Ballast (Gitti) Mining Project		
27. Ultimate Depth of Mining	6.0 m		
28. The nearest metalled road from the site	NH-76 is about 1.80 km towards North-West direction from the project site.		
29. Water Requirement	<b>PURPOSE</b>	<b>REQUIREMENT (KLD)</b>	
	Drinking water	0.28 KLD	
	Dust suppression	2.4 KLD	
	Plantation	0.6 KLD	
	Others (if any)	-	
	<b>Total</b>	<b>3.28 KLD Approx.</b>	
30. Name of QCI Accredited Consultant with QCI No And the period of validity.	Environmental Research and Analysis, Lucknow (U.P)Certificate No. NABET/ EIA/ 1922/RA 0200 Valid up to 30 Dec 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	Letter No. 7937/ MMC-30/2020-21 Date- 27/01/2021		
33. Details of Lease Area in approved DSR	Amendment Letter no:154/M.M.C-30-Khanij(2021-22) dated 12/05/2021 page no.2 serial 10		
34. Proposed EMP cost	Rs 25,30,000/-		
35. Proposed Total Project cost	Rs. 80,00,000/-		
36. Length and breadth of Haul Road	200 m length and 6.0 m width		
37. No. of Trees to be Planted	600		

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

**RESOLUTION AGAINST AGENDA NO-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 flowing additional ToR:

1. The project proponent/Consultant should identify the core & buffer zone (2.5km) of the mining site.

**10. Stone Mining at Gata No.-989, Khand no.-14, Village-Makarbai, TehsilSadar, Mahoba, Shri Shiv Baran Singh., Area-1.214 ha., File No. 6397 Proposal No. SIA/UP/MIN/ 64107/2021**

A presentation was made by the project proponent along with their consultant M/s Environmental Research and Analysis, Lucknow (U.P). Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The Terms of Reference is sought for Stone Mining at Gata No.-989, Khand no.-14, Village-Makarbai, TehsilSadar, Mahoba, Shri Shiv Baran Singh., Area-1.214 ha

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

1. Name of Proponent	Shri Shiv Baran Singh S/O ShriShyam		
2. Full correspondence address of proponent and mobile no.	R/O - KallukuanTindwari Road District-banda (U.P.)		
3. Name of Project	Building Stone, Khanda, Boulder, Ballast (Gitti) Mining Project		
4. Project location (Plot/Khasra/Gata No.)	Arazi No. 989 (Khand No. – 14),		
5. Name of River	NA		
6. Name of Village	Makarbai		
7. Tehsil	Sadar		
8. District	Mahoba (U.P.)		
9. Name of Minor Mineral	Building Stone, Khanda, Boulder, Ballast (Gitti) Mining Project		
10. Sanctioned Lease Area (in Ha.)	1.214 Ha.		
11. Mineable Area (in Ha.)	0.680 Ha. (Safety Margin 0.534 Ha. )		
12. Zero level mRL	NA		
13. Max. & Min mRL within the lease area	Maximum & Minimum mRLis 233& 191 mRL respectively.		
14. Pillar Coordinates (Verified by DMO)	<b>Pillar</b>	<b>Latitude(N)</b>	<b>Longitude(E)</b>
	A	N 25°20'1.681"	E 79°59'24.594"
	B	N 25°20'0.687"	E 79°59'26.490"
	C	N 25°19'53.621"	E 79°59'25.242"
	D	N 25°19'54.540"	E 79°59'23.468"
15. Total Geological Reserves	1,47,250 m <sup>3</sup>		
16. Sanction Quantity as per LOI	60,000 m <sup>3</sup> per year as per LOI		
17. Total Proposed Production (in five year)	60,000 m <sup>3</sup> in One year		
18. Proposed Production/year	60,000 m <sup>3</sup> per year		
19. Sanctioned Period of Mine lease	10 Years as per LOI		
20. Production of mine/day	200.0 m <sup>3</sup> /day		
21. Method of Mining	Open cast, Mechanized		
22. No. of working days	300		
23. Working hours/day	8 hours/day		
24. No. Of workers	18		
25. No. Of vehicles movement/day	16-17 Vehicles movement/day		
26. Type of Land	Building Stone(Khanda, Boulder, Ballast (Gitti) Mining Project		

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27. Ultimate Depth of Mining	6.0 m	
28. The nearest metalled road from the site	NH-76 is about 4.20 km towards North-West direction from the project site.	
29. Water Requirement	<b>PURPOSE</b>	<b>REQUIREMENT (KLD)</b>
	Drinking water	0.28 KLD
	Dust suppression	3.0 KLD
	Plantation	0.6 KLD
	Others (if any)	-
	<b>Total</b>	<b>3.88 KLD Approx.</b>
30. Name of QCI Accredited Consultant with QCI No And the period of validity.	Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/ EIA/ 1922/RA 0200 Valid up to 30 Dec 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	Letter No. 7982/ MMC-30/2020-21 Date- 30/01/2021	
33. Details of Lease Area in approved DSR	Amendment Letter no:154/M.M.C-30-Khanij(2021-22) dated 12/05/2021	
34. Proposed EMP cost	27,68,000/-	
35. Proposed Total Project cost	Rs. 85,00,000/-	
36. Length and breadth of Haul Road	250 m length and 6.0 m width	
37. No. of Trees to be Planted	600	

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

**RESOLUTION AGAINST AGENDA NO-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 flowing additional ToR:**

1. The project proponent/Consultant should identify the core & buffer zone (2.5km) of the mining site.

**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 before 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 before 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 an 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 the Survey of India Toposheet on a 1:50,000 scale indicating a geological map of the area, geomorphology of landforms 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 the 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 spelled out in the EIA report with the 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 the 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. The 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 the 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 the 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 specifically indicated, supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, as may apply to such projects due to proximity of the ecologically sensitive areas as mentioned above, should be obtained from the Standing Committee of the 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 along with 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 the shifting of the 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 the 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 PM<sub>10</sub>, particularly for free silica, should be given.
23. Air quality modeling should be carried out for the prediction of the impact of the project on the air quality of the area. It should also take into account the impact of the movement of vehicles for the transportation of minerals. 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 specifically 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. Freshwater requirements for the Project should be indicated.
25. Necessary clearance from the Competent Authority for the drawl of the 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. The 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 a Report furnished. The Report inter-alia shall include details of the aquifers present and the impact of mining activities on these aquifers. Necessary permission from Central Ground Water Authority for working below groundwater and for pumping of groundwater 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 upfront 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 the plantation already done should be given. The plant species selected for the 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. A 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 mineworkers 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 the 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 spelled out. 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 the 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 spelled 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 spelled out. The benefits of the Project shall 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 are 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 the 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 circular no. J-11011/618/2010-IA.II(I) dated 30.5.2012, a 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.

**Nodal SEAC-1**

(Dr. Ajai Mishra)  
**Member**

(Om Prakash Srivastava)  
**Member**

(Dr. Brij Bihari Awasthi)  
**Member**

(Umesh Chandra Sharma)  
**Member**

(Dr. Ratan Kar)  
**Member**

(Rajive Kumar)  
**Chairman**