

Minutes of 431st SEAC Meeting Dated 07/11/2019

The 431st meeting of SEAC was held in Directorate of Environment, U.P. on 07/11/2019 following members were present in the SEAC:

- | | | |
|----|----------------------------|----------|
| 1. | Dr. (Prof.) S.N. Singh, | Chairman |
| 2. | Dr. Arvind Mathur, | Member |
| 3. | Dr. Virendra Misra, | Member |
| 4. | Dr. Pramod Kumar Mishra, | Member |
| 5. | Dr. Richhpal Singh Sangu, | Member |
| 6. | Dr. Ranjeet Kumar Dalela, | Member |
| 7. | Shri Ramesh Chand Kataria, | Member |
| 8. | Shri Meraj Uddin, | Member |
| 9. | Shri Rajive Kumar, | Member |

The Chairman welcomed the members to the 431st SEAC meeting.

The SEAC unanimously took following decisions on the agenda points discussed:

1. Building Stone (Sand Stone) Mining at Arajai No.-428, Village-Dhuriya, Tehsil- Chunar, District- Mirzapur,U.P., Shri Rasbihari Singh Area -1.862 ha, File No. 5092/Proposal No. SIA/UP/MIN/42529/2019

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

1. The environmental clearance is sought for Building Stone (Sand Stone) Mining at Arajai No.-428, Village-Dhuriya, Tehsil- Chunar, District- Mirzapur,U.P. (Leased Area -1.862 ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line Proposal No.	SIA/UP/MIN/ 42529/2019		
2.	File No. allotted by SEIAA, UP	5092		
3.	Name of Proponent	Rasbihari Singh		
4.	Full correspondence address of proponent and mobile no.	Add- R/o Vill-Hinauti Mafi, Tehsil-Chunar Distt-Mirzapur U.P.		
5.	Name of Project	Area (1.862 Ha) Sandstone(Building Stone) mining project at Arajai No'428 Village-Dhuriya, Tehsil-Chunar, District- Mirzapur, U.P.		
6.	Project Location(Plot.Khasra/Gata No.)	Arajai No-428		
7.	Name of River	NA		
8.	Name of Village	Dhuriya		
9.	Tehsil	Chunar		
10.	District	Mirzapur		
11.	Name of Minor Mineral	Sand Stone(Building Stone)		
12.	Sanctioned Lease Area (in Ha.)	1.862 Ha		
13.	Mineable Area (in Ha.)	1.26Ha		
14.	Zero level mRL	N/A		
15.	Max. & Min mRL within lease area	130.0 mRL to 116.0 mRL		
16.	Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude

	A	25°2.445'N	83°2.997'E	
	B	25°2.557'N	83°3.120'E	
	C	25°2.493'N	83°3.119'E	
	D	25°2.485'N	83°3.028'E	
17.	Total Geological Reserves			
18.	Total Mineable Reserve in LOI			
19.	Total Proposed Production			
20.	Proposed Production /year			
21.	Proposed Production in 20 Years			
22.	Sanctioned Period of Mine lease			
23.	Production of mine/day			
24.	Method of Mining			
25.	No. of working days			
26.	Working hours/day			
27.	No. of worker			
28.	No. of vehicles movement/day			
29.	Type of Land			
30.	Ultimate of Depth of Mining			
31.	Nearest metalled road from site			
32.	Water Requirement		PURPOSE	REQUIREMENT (KLD)
			Drinking	0.24 KLD
			Suppression of dust	12.0 KLD
			Plantation	0.24 KLD
			Others (if any)	
			Total	12.48 KLD (Approx 13.0 KLD)
33.	Name of QCI Accredited Consultant with QCI No and period of validity.			
34.	Any litigation pending against the project or land in any court			
35.	Details of 500 m Cluster Certificate verified by Mining Officer			
36.	Details of Lease Area in approved DSR			
37.	Proposed CER cost			
38.	Proposed EMP cost			
39.	Length and breadth of Haul Road			

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

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 to these minutes.

2. Building Stone “Khanda, Gitti & Boulder” Mining at Khand No.-10, Gata No.-93 at Village-Bari, Tehsil & District-Mahoba, U.P., M/s Deepak Construction, Area -1.012 ha, File No. 5096/Proposal No. SIA/UP/MIN/41908/2019

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 Building Stone “Khanda, Gitti & Boulder” Mining at Khand No.-10, Gata No.-93 at Village-Bari, Tehsil & District-Mahoba, U.P., M/s Deepak Construction (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/41908/2019		
2. File no. allotted by SEIAA, UP	5096		
3. Name of Proponent	Mr. Ramdev Singh S/o Shri Guru Prasad		
4. Full correspondence address of proponent and mobile no.	R/o- Tehsil Road, Maudaha Tehsil- Maudaha, District- Hamirpur, U.P		
5. Name of Project	“Gitti, Khandas & Boulder Mining”		
6. Project location (Plot/Khasra/Gate No.)	Gata No. 93, Khand No. 10, Area:1.012		
7. Name of Village	Bari		
9. Tehsil	Mahoba		
10. District	Mahoba		
11. Name of Minor Mineral	Building Stone (Khandas & Gitti, Boulder) Mine		
12. Sanctioned Lease Area (in Ha.)	1.012 Ha		
13. Altitude of the Area	The Highest Point at 167.80 mRL towards SE Direction The Lowest Point at 159.10 mRL towards NW Direction		
14. Pillar Coordinates (Verified by DMO)	Sanctioned Area		
	Pillars	Latitude	Longitude
	A	25°24'56.53"N	79°55'12.15"E
	B	25°24'56.28"N	79°55'17.13"E
	C	25°24'52.15"N	79°55'16.58"E
	D	25°24'55.66"N	79°55'12.30"E
15. Total Geological Reserves	2,30,856 m ³		
16. Total Mineable Reserves	1,24,068 m ³		
17. Total Proposed Production (in five year)	50,600 m ³		
18. Proposed Production/year	10,120 m ³ per annum		
19. Sanctioned Period of Mine lease	20 Years		
20. Production of mine/day	33.74 m ³ /day (84 T/day) (Bulk Density- 2.5)		
21. Method of Mining	Open Cast, Semi-mechanized		
22. Drilling & Blasting	Yes (if Required)		
23. No. of Working days	300 Days		
24. Working hours/day	8 hours/day		
25. No. of Workers	20 Manpower		
26. No. of vehicles movement/day	09 Units (Assumed Loading Capacity: 10 Tonnes/Unit)		
27. Type of Land	State Government Land		
28. Ultimate Depth of Mining	12 meters Depth (166 mRL – 154 mRL) General Ground Level – 152 mRL Source: Approved Mining Plan		
29. Nearest metalled road from site	Utiyan Link Road, 2.30 Km, N		

30. Water Requirement	Source	Purpose	Detail	Avg. Demand/Day
	Portable Tanker	Drinking & others @ 15lpcd/worker	20 workers x 15 lpcd = 300 Lit/day	0.3 KLD
		Plantation @ 2.5 Lit/plant	100 sapling x 2.5 Lit = 250 Lit/day	0.25KLD
		Mine operation /others	-	1.0 KLD
		Dust suppression @ 1 Lit/Sq.m (Twice in a day)	Haul Road Area = (2300 m Length x 7m Width = 16100m ²) x 1 Lit/Sq.m = 16100 Lit/ day x 2 = 32200 Lit/day	32.2 KLD
	Total			33.75 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	पत्रांक: 1009/ एम0एम0सी0-30,/2019-20 Mahoba, दिनांक: 21/06/2019 issued by District Magistrate Mahoba.			
34. Details of Lease Area in approved DSR	Sr. No. 97, Page No.87			
35. Total Proposed Project Cost	84.39 Lakhs			
36. Proposed CER cost	4.22 Lakhs (5% of the total Project Cost)			
37. Proposed EMP cost	36.19 Lakhs (Haulage Road repair, Dust Suppression, Plantation & Environmental Monitoring)			
38. Length and Width of Haul Road	Haul Road Length 2300 m Length & Width 7m)			
39. No. of Trees to be Planted	100 trees in Five Year			

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

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 to these minutes. The committee also stipulated following points:

1. Verified Geo coordinates should be provided at the time of EIA presentation.

3. Building Stone (Gitti & Boulder) Sand Stone Mine at Khasra No./Plot No./Gata No.- 522 DH 10, at Village-Dharawal, Tehsil- Meja, District- Prayagraj, U.P., Shri Deshraj Singh, Leased Area -1.619 ha, File No. 5099/Proposal No. SIA/UP/MIN/43850/2019

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

1. The environmental clearance is sought for Building Stone (Gitti & Boulder) Sand Stone Mine at Khasra No./Plot No./Gata No.- 522 DH 10, at Village-Dharawal, Tehsil- Meja, District- Prayagraj, U.P., Shri Deshraj Singh (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/43850/2019		
2. File No. allotted by SEIAA, UP	5099		
3. Name of Proponent	Shri Deshraj Singh		
4. Full correspondence address of proponent and mobile no.	R/o- Poshiya Chauhan, Tehsil- Meja, District – Prayagraj (Allahabad) U.P.		
5. Name of Project	Terms of Reference of Building Stone (Gitti-Boulder) Sand Stone mine at Khasra no. /Plot no./ Gata No. – 522 DH 10, Area 1.619 ha. (4.0 Acres) at Village – Dharawal, Tehsil- Meja, District- Prayagraj, Uttar Pradesh of M/s Shri Deshraj Singh/111218.		
6. Project location (Plot/Khasra/Gata No.)	Gata No. – 522 DH 10		
7. Name of Village	Dharawal		
8. Tehsil	Meja		
9. District	Prayagraj		
10. Name of Minor Mineral	Khanda, Gitty/Boulders (Building stone)''		
11. Sanctioned Lease Area (in ha.)	1.619 ha. (4.0 Acres)		
12. Max. & Min mRL within lease area	The highest level is 99.60 mRL the lowest level is 95.05 mRL		
13. Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude
	A	25° 09' 47.47"N	82° 04' 20.04"E
	B	25° 09' 45.87"N	82° 04' 22.50"E
	C	25° 09' 50.63"N	82° 04' 27.05"E
	D	25° 09' 52.49"N	82° 04' 25.44"E
14. Total Geological Reserves	5,10,640 m ³		
15. Total Mineable Reserves	3,83,024 m ³		
16. Total Proposed Production	80,950 m ³ (5 Year)		
17. Proposed Production/year	16,190 m ³ /annum or 40,475 (TPA)		
18. Sanctioned Period of Mine lease	20 years		
19. Production of mine/day	53.96 m ³		
20. Method of Mining	Opencast semi- mechanized		
21. No. of working days	300		
22. Working hours/day	8 hrs		
23. No. of workers	27		
24. No. of vehicles movement/day	5		
25. Type of Land	Govt./Non Forest Land		
26. Depth of Mining	12 m		
27. Nearest metalled road from site	Karaon-Meja Link Road – 2.44 Km (E)		
28. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.27 KLD @ 10 lpcd	
	Suppression of dust	4.44KLD @1.0 L for 1 sqm (2 time a day)	

	Plantation	0.158 KLD @ 1 lit/plant
	Total	4.868 KLD
29. Name of QCI Accredited Consultant with QCI No period of validity.	Paramarsh Servicing Environment and Development 116 01 May 2021	
30. Any litigation pending against the project or land in any court	No	
31. Details of 500 m Cluster Map & certificate verified by Mining Officer	Letter No-464 dated 03.06.2019	
32. Details of Lease Area in approved DSR	Page No- 43 Sr. No-64	
33. Proposed CER cost	Project cost – 55.86 lacs CER – 1.12 lacs (2% of Total Cost)	
34. Proposed EMP cost	TOR	
35. Length and breadth of Haul Road	0.370 km and 6m	
36. No. of trees to be planted	158	

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

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 to these minutes.

4. Building Stone (Khanda, Gitti & Boulder) Mining at Gata No./Araji No./Plot No.- 27, 28, Khand No.- 04, at Village-Dunara, Tehsil & District- Jhansi,U.P., Shri Piyush Jaisawal. Leased Area -2.428 ha, File No. 5103/Proposal No. SIA/UP/MIN/42951/2019

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, Gitti & Boulder) Mining at Gata No./Araji No./Plot No.- 27, 28, Khand No.- 04 at Village-Dunara, Tehsil & District- Jhansi,U.P., Shri Piyush Jaisawal (Leased Area -2.428 ha.).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/42951/2019
2. File No. allotted by SEIAA, UP	5103
3. Name of Proponent	Shri Piyush Jaisawal S/o Shri J.V.N. Jaisawal
4. Full correspondence address of proponent and mobile no.	R/o-57B, Sundar Vihar Colony, Civil Lines, Tehsil & District- Jhansi, Uttar Pradesh
5. Name of Project	Terms of Reference for Building Stone (Khanda, Gitti, Boulder) Mining at Gata No./Araji No./Plot no. -27,28 khand No. 04, Area 2.428 ha (6.0 acres) at Village – Dunara, Tehsil & District- Jhansi, Uttar Pradesh of Shri Piyush Jaisawal

6. Project location (Plot/Khasra/Gata No.)	Plot/Khasra/Gata No. -27,28 khand No. 04																																												
7. Name of Village	Dunara																																												
8. Tehsil	Jhansi																																												
9. District	Jhansi																																												
10. Name of Minor Mineral	Building stone (Khanda, Gitti, Bolder)																																												
11. Sanctioned Lease Area (in ha.)	2.428 ha																																												
12. Max. & Min mRL within lease area	The highest level is 227.50 mRL The lowest level is 213.20 mRL																																												
13. Pillar Coordinates (Verified by DMO)		<table><tr><td>Point</td><td>Latitude</td><td>Longitude</td></tr><tr><td>F</td><td>25° 27' 23.69"N</td><td>78° 41' 20.48"E</td></tr><tr><td>G</td><td>25° 27' 24.81"N</td><td>78° 41' 18.44"E</td></tr><tr><td>H</td><td>25° 27' 25.58"N</td><td>78° 41' 18.35"E</td></tr><tr><td>I</td><td>25° 27' 26.08"N</td><td>78° 41' 17.78"E</td></tr><tr><td>J</td><td>25° 27' 29.06"N</td><td>78° 41' 17.97"E</td></tr><tr><td>K</td><td>25° 27' 29.77"N</td><td>78° 41' 18.86"E</td></tr><tr><td>L</td><td>25° 27' 29.37"N</td><td>78° 41' 20.16"E</td></tr><tr><td>M</td><td>25° 27' 28.37"N</td><td>78° 41' 20.50"E</td></tr><tr><td>N</td><td>25° 27' 28.31"N</td><td>78° 41' 24.28"E</td></tr><tr><td>O</td><td>25° 27' 26.42"N</td><td>78° 41' 23.64"E</td></tr><tr><td>O'</td><td>25° 27' 26.33"N</td><td>78° 41' 22.48"E</td></tr><tr><td>P</td><td>25° 27' 25.33"N</td><td>78° 41' 24.42"E</td></tr><tr><td>Q</td><td>25° 27' 22.62"N</td><td>78° 41' 25.82"E</td></tr></table>	Point	Latitude	Longitude	F	25° 27' 23.69"N	78° 41' 20.48"E	G	25° 27' 24.81"N	78° 41' 18.44"E	H	25° 27' 25.58"N	78° 41' 18.35"E	I	25° 27' 26.08"N	78° 41' 17.78"E	J	25° 27' 29.06"N	78° 41' 17.97"E	K	25° 27' 29.77"N	78° 41' 18.86"E	L	25° 27' 29.37"N	78° 41' 20.16"E	M	25° 27' 28.37"N	78° 41' 20.50"E	N	25° 27' 28.31"N	78° 41' 24.28"E	O	25° 27' 26.42"N	78° 41' 23.64"E	O'	25° 27' 26.33"N	78° 41' 22.48"E	P	25° 27' 25.33"N	78° 41' 24.42"E	Q	25° 27' 22.62"N	78° 41' 25.82"E	
Point	Latitude	Longitude																																											
F	25° 27' 23.69"N	78° 41' 20.48"E																																											
G	25° 27' 24.81"N	78° 41' 18.44"E																																											
H	25° 27' 25.58"N	78° 41' 18.35"E																																											
I	25° 27' 26.08"N	78° 41' 17.78"E																																											
J	25° 27' 29.06"N	78° 41' 17.97"E																																											
K	25° 27' 29.77"N	78° 41' 18.86"E																																											
L	25° 27' 29.37"N	78° 41' 20.16"E																																											
M	25° 27' 28.37"N	78° 41' 20.50"E																																											
N	25° 27' 28.31"N	78° 41' 24.28"E																																											
O	25° 27' 26.42"N	78° 41' 23.64"E																																											
O'	25° 27' 26.33"N	78° 41' 22.48"E																																											
P	25° 27' 25.33"N	78° 41' 24.42"E																																											
Q	25° 27' 22.62"N	78° 41' 25.82"E																																											
14. Total Geological Reserves	12,11,853 m ³																																												
15. Total Mineable Reserves	5,41,332m ³																																												
16. Total Proposed Production	1,21,400 m ³ (5 Year)																																												
17. Proposed Production/year	24,280 m ³																																												
18. Sanctioned Period of Mine lease	Lease period -20 years Plan period – 05 years																																												
19. Production of mine/day	80.93 m ³																																												
20. Method of Mining	Opencast semi- mechanized																																												
21. No. of working days	300																																												
22. Working hours/day	8 hrs																																												
23. No. of workers	24																																												
24. No. of vehicles movement/day	6																																												
25. Type of Land	Govt./Non Forest Land																																												
26. Depth of Mining	6 m																																												
27. Nearest metalled road from site	0.50 Km																																												
28. Water Requirement	PURPOSE	REQUIREMENT (KLD)																																											
	Drinking	0.24KLD @ 10 lpcd																																											
	Suppression of dust	6.00 KLD @ 1.0 L for 1 sqm (2time a day)																																											
	Plantation	0.213 KLD @ 1 lit/plant (213 plants)																																											
	Total	6.453 KLD																																											
29. Name of QCI Accredited Consultant with QCI No period of validity.	Paramarsh Servicing Environment and Development 116 01 May 2021																																												
30. Any litigation pending against the project or land in any court	No																																												

31. Details of 500 m Cluster Map & certificate verified by Mining Officer	Letter No-1095/30-MMC/ 2019-20 dated 19.10.2019
32. Details of Lease Area in approved DSR	Page No- 3 Sr. No-37
33. Proposed CER cost	Project cost – 63.48 Lacs/annum CER – 1.269 lacs (2% of Total Cost)
34. Proposed EMP cost	TOR
35. Length and breadth of Haul Road	0.50 km and 6m
36. No. of trees to be planted	213

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

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 to these minutes.

5. Gitti/Boulder (Dolostone) Mine at Gata No.- 4509 Ka, 4510 Ka, 4581, 4598, 4608, 4605, at Village-Billimarkundi, Tehsil- Robertsganj, District-Sonbhadra, U.P., Rajesh Kumar Dubey Leased Area -1.214 ha, File No. 5104/Proposal No. SIA/UP/MIN/41824/2019

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:-

- The environmental clearance is sought for Gitti/Boulder (Dolostone) Mine at Gata No.- 4509 Ka, 4510 Ka, 4581, 4598, 4608, 4605, at Village-Billimarkundi, Tehsil- Robertsganj, District-Sonbhadra, U.P., Rajesh Kumar Dubey (Leased Area -1.214 ha)
- Salient features of the project as submitted by the project proponent

1. On-line proposal No.	SIA/UP/MIN/41824/2019
2. File No. allotted by SEIAA, UP	5104
3. Name of Proponent	Shri Rajesh Kumar Dubey S/o Vidya Prasad Dubey
4. Full correspondence address of proponent and mobile no.	R/o Village- Darsada, Post- Ghorawal , District -Sonebhadra Uttar Pradesh
5. Name of Project	Terms of Reference for Gitti/Boulder (Dolostone) mine, at Gata No. – 4509ka, 4510ka, 4581, 4598, 4608, 4605, Area 1.214 ha. (3.0 Acres) at Village – Billimarkundi, Tehsil-Robertsganj, District- Sonbhadra, Uttar Pradesh
6. Project location (Plot/Khasra/Gata No.)	4509ka, 4510ka, 4581, 4598, 4608, 4605
7. Name of Village	Billimarkundi
8. Tehsil	Robertsganj
9. District	Sonbhadra
10. Name of Minor Mineral	Gitti/Boulder (Dolostone)

11. Sanctioned Lease Area (in ha.)	1.214 ha		
12. Max. & Min mRL within lease area	The highest level is 214 mRL The lowest level is 209 mRL		
13. Pillar Coordinates (Verified by DMO)	Pillars	N	E
	A	24° 28' 16.47"	83° 0' 44.13"
	B	24° 28' 16.24"	83° 0' 44.77"
	C	24° 28' 16.47"	83° 0' 44.92"
	D	24° 28' 16.26"	83° 0' 46.64"
	E	24° 28' 16.51"	83° 0' 46.81"
	F	24° 28' 16.30"	83° 0' 47.26"
	G	24° 28' 12.98"	83° 0' 46.13"
	H	24° 28' 13.30"	83° 0' 45.30"
	I	24° 28' 13.08"	83° 0' 45.21"
	A1	24° 28' 13.25"	83° 0' 44.61"
	J	24° 28' 13.02"	83° 0' 44.51"
	K	24° 28' 13.28"	83° 0' 43.61"
	L	24° 28' 14.97"	83° 0' 44.30"
M	24° 28' 13.30"	83° 0' 45.43"	
14. Total Geological Reserves	4,90,906 m ³		
15. Total Mineable Reserves	2,73,374 m ³		
16. Total Proposed Production	2,70,000 m ³ (5 Year)		
17. Proposed Production/year	54,000 m3 per annum		
18. Sanctioned Period of Mine lease	Lease period -10 years Plan period – 05 years		
19. Production of mine/day	180 m ³		
20. Method of Mining	Opencast semi- mechanized		
21. No. of working days	300		
22. Working hours/day	8 hrs		
23. No. of workers	51		
24. No. of vehicles movement/day	11		
25. Type of Land	Govt./Non Forest Land		
26. Depth of Mining	42 m		
27. Nearest metalled road from site	0.40 Km		
28. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.51KLD @ 10 lpcd	
	Suppression of dust	4.8 KLD @ 1.0 L for 1 sqm (2time a day)	
	Plantation	0.173 KLD @ 1 lit/plant (160+13=173 plants)	
	Total	5.483 KLD	
29. Name of QCI Accredited Consultant with QCI No period of validity.	Paramarsh Servicing Environment and Development 116 01 May 2021		
30. Any litigation pending against the project or land in any court	No		
31. Details of 500 m Cluster Map & certificate verified by Mining Officer	Letter No-1033/30-MMC/ 2019-20 dated 22.07.2019		
32. Details of Lease Area in approved DSR			
33. Proposed CER cost	Project cost – 70.0 Lacs/annum CER – 1.40 lacs (2% of Total Cost)		

34. Proposed EMP cost	TOR
35. Length and breadth of Haul Road	0.40 km and 6m
36. No. of trees to be planted	173

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

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 to these minutes.

6. Building Stone(Khanda, Gitti & Boulder)Mining Project at Gata No.-2451, Khand No.-04, at Village-Jarar, Tehsil-Naraini, District- Banda., M/s Maa Gaytri Traders, Area -0.80 ha, File No. 5105/Proposal No. SIA/UP/MIN/41593/2019

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, Gitti & Boulder)Mining Project at Gata No.-2451, Khand No.-04, at Village-Jarar, Tehsil-Naraini, District- Banda., M/s Maa Gaytri Traders, (Leased Area -0.80 ha)
2. Salient features of the project as submitted by the project proponent

On-line proposal No.	SIA/UP/MIN/41593/2019		
File No. allotted by SEIAA, UP	5105		
Name of Proponent	Prop. Shri Indrason Maurya S/o Shri Brigunath		
Full correspondence address of proponent and mobile no.	R/o 631/29 Mulayam Nager Ismileganj Thana- Gazipur, District Lucknow, UP		
Name of Project	Terms of Reference for Building stone (Khanda, Gitty/Boulders) Project at Gata No.- 2451(khand no.-4) , Area:0.80 ha Village-Jarar , Tehsil & District-Naraini, Banda , U.P M/s Maa Gaytri Traders,		
Project location (Plot/Khasra/Gata No.)	2451(khand no.-4)		
Name of Village	Jarar		
Tehsil	Naraini		
District	Banda		
Name of Minor Mineral	Building stone (Khanda, Gitty/Boulders)		
Sanctioned Lease Area (in ha.)	Area:0.80 ha (1.976)		
Max. & Min mRL within lease area	The highest level is 171.50 mRL the lowest level is 158.60 mRL		
Pillar Coordinates (Verified by DMO)	Pillar	Latitude	Longitude
	A	25°19'5.39"N	80°21'51.08"E
	B	25°19'5.88"N	80°21'52.93"E
	C	25°19'4.06"N	80°21'53.44"E

	D	25°19'4.21"N	80°21'54.95"E	
	E	25°19'1.62"N	80°21'54.71"E	
	F	25°19'1.43"N	80°21'52.72"E	
	G	25°19'3.66"N	80°21'52.77"E	
	H	25°19'3.47"N	80°21'51.45"E	
Total Geological Reserves	2,41,063 m ³			
Total Mineable Reserves	1,05,166 m ³			
Total Proposed Production	40,000 m ³ (5 Year)			
Proposed Production/year	8,000m3 /annum or 22,400 (TPA)			
Sanctioned Period of Mine lease	10 years			
Production of mine/day	26.66 m ³			
Method of Mining	Opencast semi- mechanized			
No. of working days	300			
Working hours/day	8 hrs			
No. of workers	32			
No. of vehicles movement/day	4			
Type of Land	Govt./Non Forest Land			
Depth of Mining	12 m			
Nearest metalled road from site	HDR-11B– 2.80 Km (E)			
Water Requirement	PURPOSE	REQUIREMENT (KLD)		
	Drinking	0.32 KLD @ 10 lpcd		
	Suppression of dust	3.12 KLD @ 1.0 L for 1 sqm (2 time a day)		
	Plantation	0.114 KLD @ 1 lit/plant (104+10=114 plants)		
	Total	3.554 KLD		
Name of QCI Accredited Consultant with QCI period of validity.	Paramarsh Servicing Environment and Development 116 01 May 2021			
Any litigation pending against the project or land in any court	No			
Details of 500 m Cluster Map & certificate verified by Mining Officer	Letter No-1371 dated 10.07.2019			
Details of Lease Area in approved DSR	Page No- 02 Sr. No-20			
Proposed CER cost	Project cost – 65.52 lacs CER – 1.31 lacs (2% of Total Cost)			
Proposed EMP cost	TOR			
Length and breadth of Haul Road	0.260 km and 6m			
No. of trees to be planted	114			

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

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 to these minutes.

7. Building Stone(Khanda, Gitti & Boulder)Mining at Araj No.-654/3,Khand No.-04, at Village-Goramachhiya, Tehsil & District-Jhansi,U.P., Shri Amit Parecha, Area-1.618 ha, File No. 5108/Proposal No. SIA/UP/MIN/41906/2019

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, Gitti & Boulder)Mining at Araj No.-654/3,Khand No.-04, at Village-Goramachhiya, Tehsil & District-Jhansi.,U.P.,Shri Amit Parecha, (Leased Area -1.618 ha)
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/41906/2019																				
2. File No. allotted by SEIAA, UP	5108																				
3. Name of Proponent	Amit Parecha S/o Shri Jai Kishan Parecha																				
4. Full correspondence address of proponent and mobile no.	R/o-57/A, Sunder Vihar Colony, Civil lines, Thana-Nawabad, Tehsil & District- Jhansi (U.P.)																				
5. Name of Project	Terms of Reference for Building Stone (Khanda Gitti, Bolder). Mining Project for 1.618 ha. Araj No.-654/3 Khand No.-04, Area 1.618 ha Village-Goramachhiya, Tehsil & District-Jhansi, U.P. of Amit Parecha S/o Shri Jai Kishan Parecha																				
6. Project location (Plot/Khasra/Gata No.)	Araj No.-654/3 Khand No.-04, Area 1.618 ha Village-Goramachhiya, Tehsil & District-Jhansi, U.P. of Amit Parecha S/o Shri Jai Kishan Parecha																				
7. Name of Village	Goramachhiya																				
8. Tehsil	Jhansi																				
9. District	Jhansi																				
10. Name of Minor Mineral	Khanda, Gitty/Boulders (Building stone)”																				
11. Sanctioned Lease Area (in ha.)	1.072 ha																				
12. Max. & Min mRL within lease area	The highest level is 217 mRL the lowest level is 199 mRL																				
13. Pillar Coordinates (Verified by DMO)	<table><tr><td>Point</td><td>Latitude</td><td>Longitude</td></tr><tr><td>A</td><td>25°27'38.63"N</td><td>78°40'14.58"E</td></tr><tr><td>B</td><td>25°27'37.47"N</td><td>78°40'15.74"E</td></tr><tr><td>C</td><td>25°27'36.96"N</td><td>78°40'17.23"E</td></tr><tr><td>D</td><td>25°27'33.83"N</td><td>78°40'16.86"E</td></tr><tr><td>E</td><td>25°27'34.09"N</td><td>78°40'12.91"E</td></tr></table>			Point	Latitude	Longitude	A	25°27'38.63"N	78°40'14.58"E	B	25°27'37.47"N	78°40'15.74"E	C	25°27'36.96"N	78°40'17.23"E	D	25°27'33.83"N	78°40'16.86"E	E	25°27'34.09"N	78°40'12.91"E
Point	Latitude	Longitude																			
A	25°27'38.63"N	78°40'14.58"E																			
B	25°27'37.47"N	78°40'15.74"E																			
C	25°27'36.96"N	78°40'17.23"E																			
D	25°27'33.83"N	78°40'16.86"E																			
E	25°27'34.09"N	78°40'12.91"E																			
14. Total Geological Reserves	2,79,203m ³																				
15. Total Mineable Reserves	83,073m ³																				
16. Total Proposed Production	53,600 m ³ (5 Year)																				
17. Proposed Production/year	10,720 m ³																				
18. Sanctioned Period of Mine lease	20 years																				
19. Production of mine/day	35 m ³																				
20. Method of Mining	Opencast semi- mechanized																				
21. No. of working days	300																				
22. Working hours/day	8 hrs																				
23. No. of workers	23																				

24. No. of vehicles movement/day	04	
25. Type of Land	Govt./Non Forest Land	
26. Depth of Mining	18 m	
27. Nearest metalled road from site	0.91 Km	
28. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.23KLD @ 10 lpcd
	Suppression of dust	6 KLD @ 1.0 L for 1 sqm (2 time a day)
	Plantation	0.254 KLD @ 1 lit/plant
	Total	6.484 KLD
29. Name of QCI Accredited Consultant with QCI No period of validity.	Paramarsh (Servicing Environment and Development) 116 01 May 2021	
30. Any litigation pending against the project or land in any court	No	
31. Details of 500 m Cluster Map & certificate verified by Mining Officer	Letter No-1094/30-MMC/ (2019-20) dated 19.10.2019	
32. Details of Lease Area in approved DSR	Page No- 03 Table No- 14	
33. Proposed CER cost	Project cost – 75 lacs/annum CER – 1.5 lacs (2% of Total Cost)	
34. Proposed EMP cost	Capital Cost- 2,16,000 Recurring cost- 5,66,800	
35. Length and breadth of Haul Road	-0.5 Km	
36. No. of trees to be planted	254	

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

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 to these minutes.

8. Building Stone (Khanda, Gitti, Boulder)Mining at Araj No.-654/3,Khand No.-06, at Village-Goramachhiya, Teh. & Distt-Jhansi., Shri Amit Parecha,Area -1.072 ha, File No. 5109/Proposal No. SIA/UP/MIN/41911/2019

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:-

- The environmental clearance is sought for Building Stone(Khanda, Gitti & Boulder)Mining at Araj No.-654/3,Khand No.-04, at Village-Goramachhiya, Tehsil & District-Jhansi.,U.P.,Shri Amit Parecha, (Leased Area -1.618 ha)

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

1. On-line proposal No.	SIA/UP/MIN/41911/2019																										
2. File No. allotted by SEIAA, UP	5109																										
3. Name of Proponent	Amit Parecha S/o Shri Jai Kishan Parecha																										
4. Full correspondence address of proponent and mobile no.	R/o-57/A, Sunder Vihar Colony, Civil lines, Thana-Nawabad, Tehsil & District- Jhansi (U.P.)																										
5. Name of Project	Terms of Reference for for Building Stone (Khanda Gitti, Bolder) , Mining Project for 1.072 ha. Araj No.-654/3 Khand No.-6, Area 1.072 ha Village-Goramachhiya, Tehsil & District-Janshi, Uttar Pradesh of Amit Parecha																										
6. Project location (Plot/Khasra/Gata No.)	Araj No.-654/3 Khand No.-6, Area 1.072 ha Village-Goramachhiya, Tehsil & District-Janshi, Uttar Pradesh of Amit Parecha																										
7. Name of Village	Goramachhiya																										
8. Tehsil	Jhansi																										
9. District	Jhansi																										
10. Name of Minor Mineral	Building stone (Khanda, Gitti, Bolder)																										
11. Sanctioned Lease Area (in ha.)	1.072 ha																										
12. Max. & Min mRL within lease area	The highest level is 231.10 mRL The lowest level is 214.10 mRL																										
13. Pillar Coordinates (Verified by DMO)	<table><tr><td>Point</td><td>Latitude</td><td>Longitude</td></tr><tr><td>A</td><td>25°27'38.63"N</td><td>78°40'14.58"E</td></tr><tr><td>B</td><td>25°27'37.47"N</td><td>78°40'15.74"E</td></tr><tr><td>C</td><td>25°27'36.96"N</td><td>78°40'17.23"E</td></tr><tr><td>D</td><td>25°27'33.83"N</td><td>78°40'16.86"E</td></tr><tr><td>E</td><td>25°27'34.09"N</td><td>78°40'12.91"E</td></tr><tr><td>F</td><td>25°27'36.60"N</td><td>78°40'14.37"E</td></tr><tr><td>G</td><td>25°27'37.07"N</td><td>78°40'13.84"E</td></tr></table>			Point	Latitude	Longitude	A	25°27'38.63"N	78°40'14.58"E	B	25°27'37.47"N	78°40'15.74"E	C	25°27'36.96"N	78°40'17.23"E	D	25°27'33.83"N	78°40'16.86"E	E	25°27'34.09"N	78°40'12.91"E	F	25°27'36.60"N	78°40'14.37"E	G	25°27'37.07"N	78°40'13.84"E
Point	Latitude	Longitude																									
A	25°27'38.63"N	78°40'14.58"E																									
B	25°27'37.47"N	78°40'15.74"E																									
C	25°27'36.96"N	78°40'17.23"E																									
D	25°27'33.83"N	78°40'16.86"E																									
E	25°27'34.09"N	78°40'12.91"E																									
F	25°27'36.60"N	78°40'14.37"E																									
G	25°27'37.07"N	78°40'13.84"E																									
14. Total Geological Reserves	181332 m3																										
15. Total Mineable Reserves	113994 m3																										
16. Total Proposed Production	53600m ³ (5 Year)																										
17. Proposed Production/year	10720m ³																										
18. Sanctioned Period of Mine lease	Lease period -20 years Plan period – 05 years																										
19. Production of mine/day	35.73m ³																										
20. Method of Mining	Opencast semi- mechanized																										
21. No. of working days	300																										
22. Working hours/day	8 hrs																										
23. No. of workers	23																										
24. No. of vehicles movement/day	6																										
25. Type of Land	Govt./Non Forest Land																										
26. Depth of Mining	6 m																										
27. Nearest metalled road from site	0.50 Km																										
28. Water Requirement	PURPOSE	REQUIREMENT (KLD)																									
	Drinking	0.23KLD @ 10 lpcd																									
	Suppression of dust	6.00 KLD @ 1.0 L for 1 sqm (2time a day)																									
	Plantation	0.254 KLD @ 1 lit/plant																									
	Total	6.484 KLD																									

29. Name of QCI Accredited Consultant with QCI No period of validity.	Paramarsh Servicing Environment and Development 116 01 May 2021
30. Any litigation pending against the project or land in any court	No
31. Details of 500 m Cluster Map & certificate verified by Mining Officer	Letter No-1093/30-MMC/ 2019-20 dated 19.10.2019
32. Details of Lease Area in approved DSR	Page No- 3 Sr. No-16
33. Proposed CER cost	Project Cost – 75.0 lacs per annum for mining plan period CER Cost 2%- 1.50 lacs/annum
34. Proposed EMP cost	TOR
35. Length and breadth of Haul Road	0.50 km
36. No. of trees to be planted	254

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

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 to these minutes.

9. Building Stone(Khanda, Gitti & Boulder)Mining Project at Araj No.-654/3,Khand No.-01, at Village- Goramachhiya, Tehsil & District-Jhansi,U.P.,Shri Harsh Parecha, Area -0.809 ha, File No. 5110/Proposal No. SIA/UP/MIN/41917/2019

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:-

- The environmental clearance is sought for Building Stone(Khanda, Gitti & Boulder)Mining Project at Araj No.-654/3,Khand No.-01, at Village- Goramachhiya, Tehsil & District-Jhansi,U.P.,Shri Harsh Parecha,(Leased Area -0.809 ha)
- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/41917/2019
2. File No. allotted by SEIAA, UP	5110
3. Name of Proponent	Harsh Parecha S/o Shri Jai Kishan Parecha
4. Full correspondence address of proponent and mobile no.	R/o-57/A, Sundar Vihar Colony, Tehsil & District- Jhansi (U.P.)
5. Name of Project	Terms of Reference for Building Stone (Khanda Gitti, Bolder), Mining Project for 0.809 ha. Araj No.- 654/3 Khand No. - 01, Village- Goramachhiya, Tehsil & District-Jhansi, U.P.
6. Project location (Plot/Khasra/Gata No.)	Araj No.- 654/3 Khand No. - 01
7. Name of Village	Goramachhiya

8. Tehsil	Jhansi		
9. District	Jhansi		
10. Name of Minor Mineral	Khanda, Gitty/Boulders (Building stone)’’		
11. Sanctioned Lease Area (in ha.)	0.809 ha.		
12. Max. & Min mRL within lease area	The highest level is 219.20 mRL the lowest level is 208.10 mRL		
13. Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude
	A	25° 27.670'N	78° 40.898'E
	B	25° 27.643'N	78° 40.931'E
	C	25° 27.592'N	78° 40.897'E
	D	25° 27.617'N	78° 40.866'E
14. Total Geological Reserves	2,08,536 m3		
15. Total Mineable Reserves	63,990 m3		
16. Total Proposed Production	40,450 m ³ (5 Year)		
17. Proposed Production/year	8090 m ³ /annum or 20,225 (TPA)		
18. Sanctioned Period of Mine lease	20 years		
19. Production of mine/day	26.96 m ³		
20. Method of Mining	Opencast semi- mechanized		
21. No. of working days	300		
22. Working hours/day	8 hrs		
23. No. of workers	22		
24. No. of vehicles movement/day	5		
25. Type of Land	Govt./Non Forest Land		
26. Depth of Mining	12 m		
27. Nearest metalled road from site	1 Km (N) from project site		
28. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.22 KLD @ 10 lpcd	
	Suppression of dust	4.80KLD @ 1.0 L for 1 sqm (2 time a day)	
	Plantation	0.17 KLD @ 1 lit/plant	
	Total	5.19 KLD	
29. Name of QCI Accredited Consultant with QCI No period of validity.	Paramarsh Servicing Environment and Development 116 01 May 2021		
30. Any litigation pending against the project or land in any court	No		
31. Details of 500 m Cluster Map & certificate verified by Mining Officer	Letter No-1090 dated – 19.10.2019		
32. Details of Lease Area in approved DSR	Page No- 2 Sr. No-11		
33. Proposed CER cost	Project cost – 75.00 lacs/annum CER – 1.50 lacs/annum (2% of Total Cost)		
34. Proposed EMP cost	TOR		
35. Length and breadth of Haul Road	0.40 km and 6m		
36. No. of trees to be planted	165		

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

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

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 to these minutes.

10. Building Stone (Khanda, Gitti & Boulder) Mining at Gata No./Araji No./Plot No.- 643, Khand No.-18, at Village-Goramachhiya, Tehsil & District-Jhansi, U.P., Shri Harsh Parecha, Area -2.59 ha, File No. 5111/Proposal No. SIA/UP/MIN/41920/2019

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, Gitti & Boulder) Mining at Gata No./Araji No./Plot No.- 643, Khand No.-18, at Village-Goramachhiya, Tehsil & District-Jhansi, U.P., Shri Harsh Parecha, (Leased Area -2.59 ha)
2. Salient features of the project as submitted by the project proponent:

1. Online proposal No.	SIA/UP/MIN/41920/2019																	
2. File No. allotted by SEIAA, UP	5111																	
3. Name of Proponent	Shri Harsh Parecha S/o Shri Jai Kishan Parecha,																	
4. Full correspondence address of proponent and mobile no.	R/o-57/A, Sundar Vihar Colony, Tehsil & District- Jhansi (U.P.)																	
5. Name of Project	Terms of Reference of Building Stone (Khanda Gitti, Bolder) , Mining Project for 2.59 ha. Araji No.- 643 Khand No.-18, Village- Goramachhiya, Tehsil & District-Jhansi, U.P. of Shri Harsh Parecha.																	
6. Project location (Plot/Khasra/Gata No.)	Araji No.- 643 Khand No.-18																	
7. Name of Village	Gormachhiya																	
8. Tehsil	Jhansi																	
9. District	Jhansi																	
10. Name of Minor Mineral	Building Stone (Khanda Gitti, Bolder)																	
11. Sanctioned Lease Area (in ha.)	2.59 ha																	
12. Max. & Min mRL within lease area	The highest level is 215.20 mRL the lowest level is 201.10 mRL																	
13. Pillar Coordinates (Verified by DMO)	<table><tr><td>Pillar No</td><td>N</td><td>E</td></tr><tr><td>A</td><td>25° 27.792’</td><td>78° 40.494’</td></tr><tr><td>B</td><td>25° 27.800’</td><td>78° 40.654’</td></tr><tr><td>C</td><td>25° 27.736’</td><td>78° 40.606’</td></tr><tr><td>D</td><td>25° 27.735’</td><td>78° 40.491’</td></tr></table>			Pillar No	N	E	A	25° 27.792’	78° 40.494’	B	25° 27.800’	78° 40.654’	C	25° 27.736’	78° 40.606’	D	25° 27.735’	78° 40.491’
Pillar No	N	E																
A	25° 27.792’	78° 40.494’																
B	25° 27.800’	78° 40.654’																
C	25° 27.736’	78° 40.606’																
D	25° 27.735’	78° 40.491’																
14. Total Geological Reserves	8,01,687 m ³																	
15. Total Mineable Reserves	3,15,612 m ³																	

16. Total Proposed Production	1,29,500 m ³ (5 Year)	
17. Proposed Production/year	25,900 m ³ /annum	
18. Sanctioned Period of Mine lease	20 years	
19. Production of mine/day	86.33 m ³	
20. Method of Mining	Opencast semi- mechanized	
21. No. of working days	300	
22. Working hours/day	8 hrs	
23. No. of workers	21	
24. No. of vehicles movement/day	7	
25. Type of Land	Govt./Non Forest Land	
26. Depth of Mining	12 m	
27. Nearest metalled road from site	NH-25 is 1.00 Km (NE)	
28. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.21 KLD @ 10 lpcd
	Suppression of dust	4.44 KLD @ 1.0 L for 1 sqm (2 time a day)
	Plantation	0.161 KLD @ 1 lit/plant (148 + 13 plants)
	Total	4.811 KLD
29. Name of QCI Accredited Consultant with QCI No period of validity.	Paramarsh Servicing Environment and Development 116 01 May 2021	
30. Any litigation pending against the project or land in any court	No	
31. Details of 500 m Cluster Map & certificate verified by Mining Officer	Letter No-1091 dated 19.10.2019	
32. Details of Lease Area in approved DSR	Page No- 03 Sr. No-28	
33. Proposed CER cost	Project cost – 95.0 lacs CER – 1.90 lacs (2% of Total Cost)	
34. Proposed EMP cost	TOR	
35. Length and breadth of Haul Road	0.370 km and 6m	
36. No. of trees to be planted	161	

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

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 to these minutes.

11. Building Stone (Khanda, Gitti & Boulder) Mining Project" at Gata No./Araji No./ Plot No.-643, Khanda No.-17, at Village- Goramachhiya, Tehsil & District- Jhansi, U.P., Shri Sanjay Kumar Gupta. Area -2.306 ha, File No. 4892/Proposal No. SIA/UP/MIN/36975/2019

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, Gitti & Boulder) Mining Project" at Gata No./Araji No./ Plot No.-643, Khanda No.-17, at Village- Goramachhiya, Tehsil & District- Jhansi, U.P., Shri Sanjay Kumar Gupta (Leased Area -2.306 ha)
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/41920/2019																	
2. File No. allotted by SEIAA, UP	5111																	
3. Name of Proponent	Shri Harsh Parecha S/o Shri Jai Kishan Parecha,																	
4. Full correspondence address of proponent and mobile no.	R/o-57/A, Sundar Vihar Colony, Tehsil & District- Jhansi (U.P.)																	
5. Name of Project	Terms of Reference of Building Stone (Khanda Gitti, Bolder) , Mining Project for 2.59 ha. Arajai No.- 643 Khand No.-18, Village- Goramachhiya, Tehsil & District-Jhansi, U.P. of Shri Harsh Parecha.																	
6. Project location (Plot/Khasra/Gata No.)	Arajai No.- 643 Khand No.-18																	
7. Name of Village	Gormachhiya																	
8. Tehsil	Jhansi																	
9. District	Jhansi																	
10. Name of Minor Mineral	Building Stone (Khanda Gitti, Bolder)																	
11. Sanctioned Lease Area (in ha.)	2.59 ha																	
12. Max. & Min mRL within lease area	The highest level is 215.20 mRL the lowest level is 201.10 mRL																	
13. Pillar Coordinates (Verified by DMO)	<table><tr><td>Pillar No</td><td>N</td><td>E</td></tr><tr><td>A</td><td>25° 27.792'</td><td>78° 40.494'</td></tr><tr><td>B</td><td>25° 27.800'</td><td>78° 40.654'</td></tr><tr><td>C</td><td>25° 27.736'</td><td>78° 40.606'</td></tr><tr><td>D</td><td>25° 27.735'</td><td>78° 40.491'</td></tr></table>			Pillar No	N	E	A	25° 27.792'	78° 40.494'	B	25° 27.800'	78° 40.654'	C	25° 27.736'	78° 40.606'	D	25° 27.735'	78° 40.491'
Pillar No	N	E																
A	25° 27.792'	78° 40.494'																
B	25° 27.800'	78° 40.654'																
C	25° 27.736'	78° 40.606'																
D	25° 27.735'	78° 40.491'																
14. Total Geological Reserves	8,01,687 m ³																	
15. Total Mineable Reserves	3,15,612 m ³																	
16. Total Proposed Production	1,29,500 m ³ (5 Year)																	
17. Proposed Production/year	25,900 m ³ /annum																	
18. Sanctioned Period of Mine lease	20 years																	
19. Production of mine/day	86.33 m ³																	
20. Method of Mining	Opencast semi- mechanized																	
21. No. of working days	300																	
22. Working hours/day	8 hrs																	
23. No. of workers	21																	
24. No. of vehicles movement/day	7																	
25. Type of Land	Govt./Non Forest Land																	
26. Depth of Mining	12 m																	
27. Nearest metalled road from site	NH-25 is 1.00 Km (NE)																	
28. Water Requirement	PURPOSE	REQUIREMENT (KLD)																
	Drinking	0.21 KLD @ 10 lpcd																
	Suppression of	4.44 KLD @ 1.0 L for 1 sqm (2 time a day)																

	dust	
	Plantation	0.161 KLD @ 1 lit/plant (148 + 13 plants)
	Total	4.811 KLD
29. Name of QCI Accredited Consultant with QCI No period of validity.	Paramarsh Servicing Environment and Development 116 01 May 2021	
30. Any litigation pending against the project or land in any court	No	
31. Details of 500 m Cluster Map & certificate verified by Mining Officer	Letter No-1091 dated 19.10.2019	
32. Details of Lease Area in approved DSR	Page No- 03 Sr. No-28	
33. Proposed CER cost	Project cost – 95.0 lacs CER – 1.90 lacs (2% of Total Cost)	
34. Proposed EMP cost	TOR	
35. Length and breadth of Haul Road	0.370 km and 6m	
36. No. of trees to be planted	161	

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

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 to these minutes.

12. Building Stone (Khanda, Gitti & Boulder) Mining Project at Gata No./Araji No./ Plot No.-693, Khanda No.-24, at Village- Goramachhiya, Tehsil & District- Jhansi,U.P., Shri Ramesh Kumar Agarwal. Area -0.979 ha, File No. 4893/Proposal No. SIA/UP/MIN/36981/2019

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:-

- The environmental clearance is sought for Building Stone (Khanda, Gitti & Boulder) Mining Project at Gata No./Araji No./ Plot No.-693, Khanda No.-24 at Village- Goramachhiya, Tehsil & District- Jhansi,U.P., Shri Ramesh Kumar Agarwal(Leased Area -0.979 ha)
- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/36981/2019
2. File No. allotted by SEIAA, UP	4893
3. Name of Proponent	Shri Ramesh Kumar Agarwal
4. Full correspondence address of proponent and mobile no.	Shri Ramesh Kumar Agarwal S/o Shri Virendra Kumar Agarwal R/o 1551/1 Gwaltoli, Civil Lines, Tehsil & District- Jhansi, Uttar Pradesh
5. Name of Project	Terms of Reference for Building Stone (Khanda, Gitti, Boulder) Mining, at Gata No./Araji No./Plot no. –693 khand No. 24, Area 0.979 ha. (2.419 Acres) at Village – Goramachhiya, Tehsil

	&District- Jhansi, Uttar Pradesh of Shri Ramesh Kumar Agarwal			
6. Project location (Plot/Khasra/Gata No.)	693 Khand No. 24			
7. Name of Village	Goramachhiya			
8. Tehsil	Jhansi			
9. District	Jhansi			
10. Name of Minor Mineral	Khand, Gitty/Boulders (Building stone)''			
11. Sanctioned Lease Area (in ha.)	0.979 ha.			
12. Max. & Min mRL within lease area	The highest level is 208.40 mRL the lowest level is 200.10 mRL			
13. Pillar Coordinates (Verified by DMO)		Pillar No	N	E
		A	25° 27' 22.10''	78° 40' 40.17''
		B	25° 27' 23.02''	78° 40' 42. 17''
		C	25° 27' 16.10''	78° 40' 32. 17''
		D	25° 27' 14.10''	78° 40' 30. 17''
		E	25 °27' 11.32''	78° 40' 30. 10''
14. Total Geological Reserves	2,33,351 m ³			
15. Total Mineable Reserves	1,25,505 m ³			
16. Total Proposed Production	48,950 m ³ (5 Year)			
17. Proposed Production/year	9790 m ³			
18. Sanctioned Period of Mine lease	20 years			
19. Production of mine/day	33 m ³			
20. Method of Mining	Opencast semi- mechanized			
21. No. of working days	300			
22. Working hours/day	8 hrs			
23. No. of workers	20			
24. No. of vehicles movement/day	4			
25. Type of Land	Govt./Non Forest Land			
26. Depth of Mining	12 m			
27. Nearest metalled road from site	0.680 Km			
28. Water Requirement	PURPOSE	REQUIREMENT (KLD)		
	Drinking	0.20KLD @ 10 lpcd		
	Suppression of dust	8.16 KLD @ 1.0 L for 1 sqm (2 time a day)		
	Plantation	0.285 KLD @ 1lit/plant (285)		
	Total	8.645 KLD		
29. Name of QCI Accredited Consultant with QCI No period of validity.	Paramarsh (Servicing Environment and Development) 118 01 May 2021			
30. Any litigation pending against the project or land in any court	No			
31. Details of 500 m Cluster Map & certificate verified by Mining Officer	Letter No-288/30-MMC/(2018-19) dated 21.05.2019			
32. Details of Lease Area in approved DSR	Page No- 4 Table No- 34			
33. Proposed CER cost	Project cost –49.50 lacs/annum CER – 0.99 lacs (2% of Total Cost)			
34. Proposed EMP cost	Capital Cost- 2,95000 Recurring cost- 10,08800			
35. Length and breadth of Haul Road	0.680 km and 6m			

36. No. of trees to be planted	285
--------------------------------	-----

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

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 to these minutes.

13. River Bed Sand Mining at Gata No./ Khand No.- 413 DA/1mi, 412 mi, 412 DA mi, 413 Ka/53, at Village- Bardiya Lohar, Tehsil- Harraiya, District-Basti, U.P.,M/s Balaji Construction & Supplier, (Area-4.34 Ha), File No. 4960/Proposal No. SIA/UP/MIN/40042/2019

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 River Bed Sand Mining at Gata No./ Khand No.- 413 DA/1mi, 412 mi, 412 DA mi, 413 Ka/53, at Village- Bardiya Lohar, Tehsil- Harraiya, District-Basti, U.P.,M/s Balaji Construction & Supplier (Leased Area -4.34 ha)
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/ 40042/2019		
2. File No. allotted by SEIAA, UP	4960		
3. Name of Proponent	Prop.- Sh. Vikas Kumar Shahi S/o Sh.Dhherendra Shahi		
4. Full correspondence address of proponent and mobile no.	Sh. Vikas Kumar Shahi S/o Sh.Dhherendra Shahi R/o – Riaon, Tehsil- Bansaon, District- Gorakhpur, Uttar Pradesh.		
5. Name of Project	River Bed Sand Mining		
6. Project location (Plot/Khasra/Gata No.)	Gata No/Khand No.-413Da/1 Mi, 412 Mi, 412 Da Mi, 413 Ka/53, at Village – Bardiya Lohar, Tehsil- Harraiya, District- Basti, Uttar Pradesh		
7. Name of River	Ghaghara River		
8. Name of Village	Bardiya Lohar		
9. Tehsil	Harraiya		
10. District	Basti		
11. Name of Minor Mineral	River Sand		
12. Sanctioned Lease Area (in Ha.)	4.34 ha		
13. Mineable Area (in Ha.)	4.34 ha		
14. Zero level mRL	85 mRL		
15. Max. & Min mRL within lease area	91.20 mRL & 89.80 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillar	Latitude	Longitude
	A	26° 40' 44.50" N	82° 24' 23.54" E
	B	26° 40' 45.48" N	82° 24' 26.22" E

	C	26° 40' 55.74'' N	82° 24' 25.16'' E
	D	26° 41' 03.71'' N	82° 24' 25.18'' E
	E	26° 41' 04.18'' N	82° 24' 22.99'' E
	F	26° 40' 55.53'' N	82° 24' 22.46'' E
17. Total Geological Reserves	2,17,000 m ³		
18. Total Mineable Reserves	1,26,090 m ³		
19. Total Proposed Production	6,29,300 m ³ (5 year)		
20. Proposed Production/year	1,25,860 m ³ /annum		
21. Sanctioned Period of Mine lease	5 year		
22. Production of mine/day	524.42 m ³ /day		
23. Method of Mining	Opencast semi-mechanized		
24. No. of working days	240		
25. Working hours/day	8		
26. No. of workers	54		
27. No. of vehicles movement/day	43		
28. Type of Land	Govt. Land		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	0.60 Km		
31. Water Requirement	Drinking	0.54 KLD @ 10 lpcd	
	Suppression of dust	7.2 KLD @ 1.0 L for 1 sqm (2 time a day, haul road-0.60 km)	
	Plantation	0.26 KLD @ 1 lit/plant	
	Total	8.0 KLD	
32. Name of QCI Accredited Consultant with QCI No period of validity.	Paramarsh (Servicing Environment and Development) 116		
	01 May 2021		
33. Any litigation pending against the project or land in any court	No		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	604/Khanan Shayak/2019-20 Date: 20 June 2019		
35. Details of Lease Area in approved DSR	Page No. 3 Table No. 6		
36. Proposed CER cost	1.48 lacs/annum		
37. Proposed EMP cost	Recurring Cost: 5.72 Lacs Capital Cost: 2.71 Lacs		
38. Length and breadth of Haul Road	600 m and 6 m		
39. No. of trees to be planted	261		

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

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 to these minutes.

14. Sand/Morrum Mining from Yamuna Riverbed at Khand No.-15/45 to 15/46, Village- Mahewa, Tehsil- Manjhanpur, Kaushambi., Shri Mohd. Asif Usmani M/s Bharat Earth Movers, Sanctioned Lease Area: 24.28 ha, Effective Area- 18.88 ha, File No. 4194/Proposal No. SIA/UP/MIN/23679/2019

RESOLUTION AGAINST AGENDA NO-14

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

15. Sand/Morrum Mining along Yamuna River Bed in Khand No.-D2, Gata No.-93 mi, at Village- Devlan, Tehsil & District-Fatepur, U.P., Shri Santosh Kumar Dwivedi. M/s Santosh Kumar & Sons., area- 18.21 ha, File No. 4525/Proposal No. SIA/UP/MIN/82002/2019

RESOLUTION AGAINST AGENDA NO-15

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

16. Township Project "Jaypee Greens Wish Town Noida" at Sector-128, 129, 131, 133, & 134, Noida, Tehsil-Dari/Sadar, District-Gautam Buddha Nagar, U.P.,M/s Jaypee Infratech Ltd, File No. 4930/4769/Proposal No. SIA/UP/MIN/38963/2019

A presentation was made by the project proponent along with their consultant M/s OCEAO-ENVIRO Management Solutions (India) Private Limited. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Township Project "Jaypee Greens Wish Town Noida" at Sector-128, 129, 131, 133 & 134, Noida, Tehsil-Dari/Sadar, District-Gautam Buddha Nagar, U.P., M/s Jaypee Infratech Ltd.
2. Environmental clearance for the earlier proposal was issued by SEIAA, U.P. vide letter no. 946/SEAC/312/AD(Y)/09 dated 09/06/2009.
3. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 145/Parya/SEAC/4769/2018, dated 03/07/2019.
4. EIA report submitted by the project proponent on 04/11/2019.
5. Comparative area details of the existing and proposed project:

S. N.	DESCRIPTION	AREAS as per Environment Clearance (1092.83 acres)	AREAS in year 2019 (1062.84 acres)
1.	Total land (m ²)	44,22,526	43,03,141
2.	Floor Area Ratio	1.84	1.87
3.	Total FAR (m ²)	81,26,991	8,028,995
a.	Proposed FAR (m ²) (Residential)	64,42,668	64,81,776
b.	Proposed FAR (m ²) (Commercial)	5,87,393	9,06,177
c.	Proposed FAR (m ²) (Institutional)	9,94,930	6,41,044

d.	Proposed FAR (m ²) (Recreational)	1,02,000	
4.	Stilt area + Basement area (m ²)		4,868,079
5.	Built up Area (m ²) Total (3+4)	81,26,991	12,897,074
6.	Ground Coverage(m ²)	877,708 (19.84%)	952,108 (22.13%)
7.	Open Areas(m ²)	35,44,818 (80.15%)	3,351,033 (77.87%)
8.	Green Areas(m ²)	24,98,071 (56.48%)	2,198,009 (51.07%)
9.	Roads(m ²)	1,046,747 (23.66%)	1,153,024 (26.80%)

6. Site Surroundings & Environmental Sensitivity Within 15 Km as submitted by the project proponent:

S. N.	Features	Description	Distance & Direction
1.	Co-ordinates of Site	Latitude: 28°31'2.62"N , Longitude: 77°21'40.16"E	
2.	Location	Sectors 128,129,131,133 and 134 of NOIDA, Village-Dadri / Sadar, District-Gautam Buddh Nagar, Uttar Pradesh (U.P.)	
3.	Nearest Airport	Indira Gandhi International Airport (IGI)	Approx. 29.5 km (WNW)
4.	Nearest Railway Station	Nizamuddin Railway Station	Approx. 15 km (by road) (NW)
6.	Nearest Hospital	JS Hospital Indo-Gulf Hospital & Diagnostics Jaypee Hospital	0.41 Km, NE 5.91 km, E Within the Jaypee premise
7.	Nearest School/ University	Step by Step School Genesis Global School Jaypee University	0.32 Km, WNW 0.35 Km, WNW Within the Jaypee premise
8.	State, National boundaries	Haryana - UP Interstate boundary Delhi-UP Interstate Boundary	1.14 Km, SW 1.19 Km, W
9.	Sanctuary	Reserve forest & Wetland Tilori Khadar Jungle Surajpur Wetland & Reserve Forest Asola Wildlife Sanctuary Tilpat Forest Range, Faridabad Okhla Bird Sanctuary	9.40 km, ESE 10.30 km, SSE 8.30 km, ENE 7.54 km, WSW 0.50 km, SSW 4.50 Km, NW
10.	Water Bodies	Yamuna River Hindon River	1.13 km, W 3.88 Km, E
11.	Seismic Zone	Seismic Zone-IV	
12.	Maximum Height of Building	201.22 M	
13.	Densely populated or Built-up Area	Delhi 1.80 Km, SW Faridabad 1.54 km, SW	

7. Detailed area statement:

S. NO.	DESCRIPTION	AREA As per Revised approved layout plan 2015 (Sqm) 1062.84 acres				
		Total	Subleased to Other Parties	Completed	Under Construction	Construction yet to start
1	Total land	4,303,141	670,586	1,684,774		1,947,781
2	Floor Area Ratio	1.86585		-	-	-
3	FAR (Total)	8,028,996	1,418,106	1,436,618	2,970,318	2,203,955
A	FAR (Residential)	6,481,776	573,060	1,342,169	2,948,470	1,618,077
B	FAR (Commercial)	906,177	565,152	4,851	14,264	321,910
C	FAR (Institutional)	641,044	279,894	89,598	7,584	263,968
D	FAR (Recreational)			-	-	-
4	Basement + Stilt Area	4868,079	994,054	873,281	1,690,821	1,309,923
5	Ground Coverage	952,108	363,606	429,533		158,969
6	Open Areas	3,351,033	306,980	1,255,241		1,788,812

7	Green Areas	2,198,009	213,098	1,765,643	219,267
8	Roads	1,153,024	93,882	997,568	61,574

8. Subleased land details:

LANDUSE	LAND AREA (SQM)		
	TOTAL LAND	LAND SOLD/ SUBLEASED TO OTHER PARTIES	TOTAL LAND UNDER DEVELOPMENT BY JAYPEE
RESIDENTIAL PLOTTED	318,367	318,367	0
RESIDENTIAL GROUP HOUSING	2,148,624	0	2,148,624
INSTITUTIONAL	288,441	126,027	162,414
COMMUNITY FACILITIES	66,760	44,550	22,210
MASTER COMMERCIAL	175,255	103628	71,627
SECTOR COMMERCIAL	106,170	78014	28,156
MASTER PLAN RECREATIONAL RECREATIONAL	619,160		619,160
MASTERPLAN ROADS AND TRANSPORTATION	580,364		580,364
TOTAL	4,303,141	670,586	3,632,555
		15.58%	84.42%

9. Proposed facilities of the project:

INSTITUTIONAL FACILITIES	NO.	RECREATIONAL FACILITIES	NO.
School	6	Golf Course	2
College	2	Sports Field	8
Play School cum Creche (Proposed)	8	Park & Play Ground	28
COMMUNITY FACILITIES		OTHERS	
Community Centre	7	Petrol Pump	3
Social club (Proposed)	21	Police Post	3
Golf clubs	2	Centralized Service Centres (Water centres-7no, Switching stations-11no, Laundromats-6no & Rakshak Bhawan-6no)	11
HEALTHCARE FACILITIES			
Hospital	1	Grid Substation	2
Nursing Home/ Polyclinic	4	Power backup generation station	1
		STP	4
RELIGIOUS FACILITIES			
Religious Complex	7	Fire Station	1
		PNG fill regulating station	2
SHOPPING / COMMERCIAL FACILITIES			
		FTTH (Fibre to the home) - Central security centre	1
Sector lvl. Shopping	13	Central command centre for fire/police/security/ telecom post office	1
Local Convenient Shopping Centre	34	Taxi Stand	3
Master plan level Shopping/ Commercial centres	12	Bus stand/ Bus shelter	51

10. Water calculation details for the project:

S. No.	Unit Type	Total Population	LPCD	KLD
1	Residential (Group Housing + Plots)	206394	135	27863
2	Commercial	90618		
	Staff	4531	45	204
	Visitor	86087	15	1291
3	Institutional			
	Community facility			
	Staff	100	45	5
	Visitor	1874	15	28
4	Institutional facility			
A	School and colleges			

	Staff & Students		4279	45	193
	Visitor		476	15	7
B	Office				
	Staff		6094	45	274
	Visitor		677	15	10
c	Misc utilities				
	Staff		91	45	4
	Visitor		817	15	12
d	Hospital				
	Beds		550	450	248
	OPD		500	15	8
	Staff		575	45	26
	Visitor		578	15	9
e	Nursing Homes(4)				
	Beds		400	135	54
	OPD		200	15	3
	Staff		220	45	10
	Visitor		440	15	7
5	Staff		1000	45	45
6	Visitors	(10% of Residents)	20639	15	310
Total (1+2+3+4+5+6)			3,36,522		30611
B	Treated water Requirement For:-				
A	HVAC				1900
B	Horticulture		2198009	3	6594
Total Water demand					39,105

11. Waste water calculate ion details:

Total Residential wastewater generation details (KLD)		
	Domestic Water Requirement	28218
1		
	· Fresh (67% of domestic)	18906
	· Flushing (33% of domestic)	9312
2	Wastewater Generated (80% of fresh + 100% of flushing + 90 % of HVAC)	26146
3	STP	31380

Total Wastewater generation from Commercial (KLD)		
	Domestic Water Requirement	2028
1		
	· Fresh (40% of domestic)	811
	· Flushing (60% of domestic)	1217
2	Wastewater Generated (80% of fresh + 100% of flushing)	1866
3	STP	2240

Total wastewater generation from the project (KLD) (Excluding hospital)		
	Domestic Water Requirement	30246
1		
	· Fresh (65% of domestic)	19717
	· Flushing (35% of domestic)	10529
2	Wastewater Generated	28012
3	Total STP Capacity	33620 or say 39000
4	Total fresh water	19717

Total Hospital wastewater generation details(KLD)		
---	--	--

	Domestic Water Requirement	365
1		
	· Fresh (67% of domestic)	245
	· Flushing (33% of domestic)	120
2	Wastewater Generated (80% of fresh + 100% of flushing)	316
3	ETP	380

12. Details of green belt:

S.No	Particulars	Green Area in Sq.m	Trees in no	Shrubs in numbers	Ground covers in No.
1	Golf Course	442970	13650	40600	60400
2	NirmanSadan	6065	758	8400	20000
3	Camp Area Sector-128	8065	1399	7291	8350
4	Cluster (KT01/03) T Point	11994	581	10000	15770
5	Cluster (Imperial Tower 01/03)	10464	1058	4550	10200
6	Cluster (KT11/16)	5400	544	10450	7000
7	Cluster (PH-1)	7644	177	3681	9250
8	Cluster (PC-01/04)	7500	420	8173	11845
9	Cluster (PC-05/06)	500	45	913	4100
10	Cluster (PC-08/09)	2682	100	2293	6600
11	Cluster PH-2	2085	260	3300	5140
12	Cluster PH-3	2055	110	3880	4050
13	Cluster (PC-11/18)	12536	680	7650	12600
14	Cluster PH-4	1875	275	3895	5600
15	K.Toen Homes	2550	401	1379	5550
16	August Town Homes 01/02	1450	199	5353	4030
17	August Town Homes 03/05	1230	365	9900	2010
18	Club House-II	140	360	3010	3710
19	Plot Area 1,2 &3	4600	532	2650	4720
20	Jaypee Public School	5050	537	3050	2610
21	Halipad Area	9000	655	3890	8140
22	Kingswood Villas	4430	330	1060	2530
23	Highway Shani Mandir	10300	1750	3200	4016
24	Sector-128, Road	72000	6360	15500	18000
25	Sector-134, Road	40500	991	15853	3300
26	Sector-132, Road	22500	586	13471	4200
27	Cluster (KM 1-14)	20000	182	12062	13000
28	Cluster (KM 15-18)	12000	128	5978	4000
29	Cluster (KM 28-34)	30000	137	12608	5300
30	Cluster (KM 42)	1000	49	1730	3500
31	Cluster (KM 51-52)	5000	112	4293	5700
32	Classic (B1 & B2)	3000	97	3637	3500
33	Classic (C1 & C2)	3000	100	1970	2200
34	Classic (A7 & A10)	18000	251	2897	10800
35	Jaypee Hospital	24000	1676	147416	33000
36	JlIT College	10000	1961	9998	20250
	Total	2198009	37816	395981	344971

13. Details of solid waste generation & management:

S. No.	Unit Type	Total Population	Norms	Total	Completed project	Norms	Total	To be constructed	Norms	Total
1	Residential (Group Housing + Plots)	206394	0.45	92877				136644	0.45	61490
a	Residents in flat				46071	0.45	20732			
b	Residents in plot				23769	0.45	10655			
2	Commercial	90618								

	Staff		4531	0.25	1133				4531	0.25	1133
	Visitor		86087	0.15	12913				86087	0.15	12913
3	Institutional										
	Community facility										
	Staff		100	0.25	25				100	0.25	25
	Visitor		1874	0.15	281				1874	0.15	281
4	Institutional facility										
a	School and colleges										
	Staff & Students		4279	0.25	1070	2200	0.25	550.00	2079	0.25	520
	Visitor		476	0.15	71	100	0.15	15.00	376	0.15	56
b	Office										
	Staff		6094	0.25	1523				6094	0.25	1523
	Visitor		677	0.15	102				677	0.15	102
c	Misc utilities										
	Staff		91	0.25	23				91	0.25	23
	Visitor		817	0.15	123				817	0.15	123
d	Hospital										
	Beds		550	1.50	825	550	1.50	825.00			
	OPD		500	0.15	75	500	0.15	75.00			
	Staff		575	0.25	144	575	0.25	143.75			
	Visitor		578	0.15	87	578	0.15	86.70			
e	Nursing Homes(4)										
	Beds		400	1.50	600				400	1.50	600
	OPD		200	0.15	30				200	0.15	30
	Staff		220	0.25	55				220	0.25	55
	Visitor		440	0.15	66				440	0.15	66
Total			2760						2760		0
5	Staff		1000	0.25	250	350	0.25	87.5	650	0.25	162.5
6	Visitors	(10% of Residents)	20639	0.15	3096	7294	0.15	1094.1	13345	0.15	2002
Total (1+2+3+4+5+6)			3,36,522		115369	85,089		34264	2,51,433		81105
Horticulture Waste			543.14	5.00	2716	443.1	5	2215.5	100.037	5	500
Biomedical Waste					470			282.6			188
STP					2416			799.4			1616
Total					120971			37562			83409

14. Parking details of the project:

S.No.	Projects	FAR (Sq.mt)	Parking Required				Parking Provided	
			As Per Noida Regulations (ECS)	As Per Noida Regulations (Sqm)	As per MOEF (ECS)	As per MOEF (Sqm)	Total ECS	Area (Sqm)
A)	Residential							
1)	Group Housing	1342169	16777	503310	13422	469759	60730	2096994
	Yet to be Started Projects	4566547	57082	1712460	45665.47	1598291		
	Total Group	5908716	73859	2215770	59087	2068051		

	housing							
2)	Total Plotted Development	573060	5530	165900	1433	50143	5530	165900
B)	Institutional							
	Completed	89598	1208	36240	1791.96	62718.6	3928	88298
iv	Yet to be Started Projects	271552	5431.04	162931	5431.04	190086.4		
	TOTAL Institutional	361150	7223	216690	7223	252805		
D)	Commercial							
a)	Master Plan Commercial							
i	Projects Sold Out	414512						
	SUBTOTAL	414512						
iii	Yet to be Started Projects	286508	9550	286500	5730.16	200555.6		
	TOTAL Master plan Commercial	286508	9550	286500	5730.16	200555.6		
b)	Sector Commercial	-						
	Completed	4851	97	2910	97.02	3395.7	1259	23461
ii	Yet to be Started Projects	49666	993	29790	993.32	34766.2		
	TOTAL Sector Commercial	54517	1817	54517	1090.34	38161.9		
	Grand Total	6610891	92449	2939384	74564	2609716		

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

16. A site visit has been undertaken by Chairman and Members of SEAC on 15/09/2019.

RESOLUTION AGAINST AGENDA NO-16

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

1. Solar energy to be used alternatives on the road and common places for illumination to save conventional energy as per ECBC Code.
2. The project proponent shall submit within the next 3 month the data of ground water quality including fluoride parameter to the limit of minimum deduction level for all six monitoring stations.
3. Minimum 15% area of the total plot area shall be compulsorily made available for the green area development including the peripheral green area. Plantation of trees should be of indigenous species and may be as per the consultation of local district Forest Officer.
4. The waste water generated should be treated properly in scientific manner i.e. domestic waste water to be treated in STP and effluent such as RO rejects with high TDS and other chemical bearing effluent shall be treated separately.
5. Permission from local authority should be taken regarding discharge of excess water into the sewer line.
6. The height, Construction built up area of proposed construction shall be in accordance with the existing FAR norms of the competent authority & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.

7. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
8. Project proponent shall ensure completion of STP, MSW disposal facility, green area development prior to occupation of the buildings.
9. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
10. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
11. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area).
12. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.
13. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
14. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
15. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as cylinder for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche and First Aid Room etc.
16. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
17. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
18. Corporate Environmental Responsibility shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. A copy of resolution of board of directors shall be submitted to the authority. A list of beneficiaries with their mobile nos./address should be submitted along with six monthly compliance reports.
19. No parking shall be allowed outside the project boundary.
20. Digging of basement shall be undertaken in view of structural safety of adjacent buildings under information/consultation with District Administration/Mining Department. All the topsoil excavated during construction activities should be stored for use in horticulture /landscape development within the project site. Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
21. Surface rain water has to be collected in kacchha pond for ground water recharging and irrigation of horticulture and peripheral plantation.
22. The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipments etc. as per National Building Code including measures from lighting.
23. Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed off taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
24. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
25. Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction

- phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/UPPCB.
26. The green area design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential area and pollution also reduced. The open spaces inside the plot should be landscaped and covered with grass and shrubs. Green area Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
 27. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
 28. Pavements shall be so constructed as to allow infiltration of surface run-off of rain water. Construction of pavements around trees should be able to facilitate suitable watering, aeration and nutrition to the tree.
 29. Roof top water in rainy season is to be discharged into RWH pits for ground water recharging. Arrangement shall be made that waste water and storm water do not get mixed.
 30. All the internal drains are to be covered till the disposal point.
 31. This environmental clearance is issued subject to land use verification. Local authority / planning authority should ensure this with respect to Rules, Regulations, Notifications, Government Resolutions, Circulars, etc. issued if any.
 32. Reflecting paint should be used on the roof top and side walls of the building tower for cooling effect.

Any other matter with the permission of Chairman

- 17. Mamaur Ahatmal Sabik Ordinary Sand Mine On Yamuna River located at Gata No.- 2/9, 2/10, 2/11, 3, 4 mi, 5/2, 2/4, 19/3, 19/8, 19/2, 22, 9/4, 19/7, 21/1, 21/2, 21/3, 21/5, 23/2, at Village-Mamaur Ahatmal Sabik, Tehsil- Kairana, District- Shamli, U.P. , M/s M.M. Traders (Lesed Area- 15.818), File No. 4416/Proposal No. SIA/UP/MIN/75917/2019**

The SEAC has gone through the related file no. 4416 and the matter connected with Hon'ble National Green Tribunal, New Delhi. The project proponent has written a letter to the SEAC on 04/11/2019 and informed in this regards, it is also relevant to inform that we have filed an application of recall in Supreme Court of India and the diary number of the same is 38774/2019. The project proponent has further written.

In view of the above development, it is requested that the discussion on the said matter in SEAC may kindly be kept in abeyance till necessary orders/directions are passed by Hon'ble Supreme Court. After in depth discussion, the committee opined that a joint meeting of SEIAA and SEAC should be convened at the earliest to dispose the matter.

(Dr. Arvind Mathur)
Member

(Dr. Virendra Misra)
Member

(Dr. Pramod Kumar Mishra)
Member

(Dr. Richhpal Singh Sangu)
Member

(Dr. Ranjeet Kumar Dalela)
Member

(Shri Ramesh Chand Kataria)
Member

(Shri Rajive Kumar)
Member

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

(Shri Meraj Uddin)
Member

Annexure-1

Terms of Reference for the Mining Project

- 1) Project proponent should bring KML file at the time of EIA presentation.
- 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 pages of technical documents/EIA/EMP etc. should be signed by the consultant and project proponent both.
- 6) Copy of all the analysis reports signed by analyst approved by NABL or MoEF&CC shall be annexed with the EIA report and original analysis reports should be presented at the time of presentation.
- 7) 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).
- 8) 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.
- 9) 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.
- 10) 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.
- 11) 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.
- 12) 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.
- 13) Certificate from Mining Officer that there is no other mining area exit within 500 m periphery.
- 14) CER cost to be calculated for individual lease.
- 15) An intimation regarding conducting the monitoring to be sent to concerned District Magistrate/State Pollution Control Board office/SEIAA.
- 16) All pages of technical documents/EIA/EMP etc. should be signed by the consultant and project

- proponent both.
- 17) Copy of all the analysis reports signed by analyst approved by NABL or MoEF&CC shall be annexed with the EIA report and original analysis reports should be presented at the time of presentation.
 - 18) MOU signed between the project proponent and the consultant should be submitted.
 - 19) The lab conducting the analysis should be authenticated and registered.
 - 20) Public hearing to be conducted as per EIA Notification, 2006.
 - 21) A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
 - 22) 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.
 - 23) 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.
 - 24) 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.
 - 25) 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.
 - 26) 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.
 - 27) The vegetation in the RF / PF areas in the study area, with necessary details, should be given.
 - 28) 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.
 - 29) 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.
 - 30) 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.
- 31) 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.
 - 32) 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).
 - 33) 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.
 - 34) 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.
 - 35) 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.
 - 36) 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.
 - 37) Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.
 - 38) 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.
 - 39) 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.
 - 40) 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.

- 41) 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.
- 42) 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.
- 43) 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.
- 44) 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.
- 45) Details of the onsite shelter and facilities to be provided to the mine workers should be included in the EIA Report.
- 46) 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.
- 47) 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.
- 48) 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.
- 49) 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.
- 50) 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.
- 51) 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.
- 52) Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
- 53) The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of

- EMP should be clearly spelt out.
- 54) A Disaster management Plan shall be prepared and included in the EIA/EMP Report.
 - 55) 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.
 - 56) The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.
 - 57) Consultant should bring raw data at the time of presentation.
 - 58) In surface water quality aquatic study of phytoplankton and zooplankton.
 - 59) The baseline data should be signed by NABL/MoEF&CC accredited analyst.
 - 60) The meteorological data should be site specific.
 - 61) Details of Kachcha haul road to be made motorable. Plan should be submitted.
 - 62) Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
 - 63) 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.