

The 248th meeting of the State Expert Appraisal Committee (SEAC) was held on 12th December, 2015 under the Chairmanship of Dr R.B. Lal for discussion on the query responses submitted by the PP and the projects / issues received from SEIAA. The following members attended the meeting-

1. Dr. Mohini Saxena, Member
2. Dr. Alok Mittal, Member.
3. Dr. U.R. Singh, Member
4. Sh. Manohar K. Joshi, Member
5. Dr. Srinivasan Krishnan Iyer, Member
6. Shri. A. A. Mishra, Secretary

The Chairman welcomed all the members of the Committee and thereafter agenda items were taken up for deliberations.

1. **Case No. - 3832/15 Smt. Simlika W/o Shri Hardeep Singh, 306, Alakhdham Nagar, Ujjain, District-Ujjain (MP) Prior Environment Clearance for approval of Stone Quarry in an area of 0.80 ha. (9,975 cum/year) at Khasra No. -114/1, Village-Jaiwantpur, Tehsil-Ujjain, District-Ujjain (MP)**

This is case of **Stone Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. -114/1, Village-Jaiwantpur, Tehsil-Ujjain, District-Ujjain (MP) 0.80 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vides letter no.-1687, dated: 18/06/2015 has reported that there are 14 more mines operating or proposed within 500 meters around the said mine and total area-18.69 ha including this Mine.

The case was presented by the PP and their consultant and during presentation PP informed that the co-ordinates mentioned in the mine plan are not of his site and requested that the accurate co-ordinates will be submitted by him. Similarly it was also observed that in mine plan the details of ðexisting land useö and ðland use after leaseö are mentioned as 00.00 which needs correction. Thus PP was asked to submit above information duly verified by the mining officer through SEIAA.

2. **Case No. - 3833/15 Shri Balu Singh S/o Shri Ambaram Singh, 1/2, Bilawali AB Road, District-Dewas (MP)-455001 Prior Environment Clearance for approval of Stone Quarry in an area of 4.00 ha. (20,370 cum/year) at Khasra No. -778, Village-Kanheriya, Tehsil-Tonk Khurd, District-Dewas (MP)**

This is case of **Stone Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. -778, Village-Kanheriya, Tehsil-Tonk Khurd, District-Dewas (MP) 4.00ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vides letter no.-1443, dated: 17/08/2015 has reported that there are 07 more mines operating or proposed within 500 meters around the said mine with total area of **27.00 ha**.including this Mine.

The case was presented by the PP and their consultant and being the cumulative area of mines in 500 meters is >25.00 ha, committee decided to consider the case under B-1 category and issue standard TOR prescribed by the MoEF&CC for conducting EIA studies.

3. **Case No. - 3834/15 Shri Mukesh S/o Shri Bhanwarlala, 1/3, Radhaganj, District-Dewas (MP)-455001 Prior Environment Clearance for approval of Stone Quarry in an area of 4.00 ha. (20,370 cum/year) at Khasra No. -777, Village-Kanheriya, Tehsil-Tonk Khurd, District-Dewas (MP)**

This is case of **Stone Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. -777, Village-Kanheriya, Tehsil-Tonk Khurd, District-Dewas (MP) 4.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vides letter no.-1442, dated: 17/08/2015 has reported that there are 06 more mines

operating or proposed within 500 meters around the said mine and total area-23.00 ha.including this Mine.

The case was presented by the PP and their consultant and being the cumulative area of mines in 500 meters is 23.00 ha and committee has previously recommended TOR in the adjacent Khasra no. 778 of the same village, committee considering the environmental sensitivity, decided to consider the case under B-1 category and issue standard TOR prescribed by the MoEF&CC for conducting EIA studies.

4. **Case No. - 3835/15 Shri Rakhab Chand Jain R/o Village-Agar Malwa, Tehsil & District-Agar Malwa (MP)-465001 Prior Environment Clearance for approval of Stone Quarry in an area of 2.00 ha. (25,000 cum/year) at Khasra No. – 814/2, Village-Bhilwaria, Tehsil-Shajapur, District-Shajapur (MP)**

This is case of **Stone Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 6 814/2, Village-Bhilwaria, Tehsil-Shajapur, District-Shajapur (MP) 2.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vides letter no.-1072, dated: 31/08/2015 has reported that there are 09 more mines operating or proposed within 500 meters around the said mine with total area of 15.55 ha.including this mine.

The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure A

- Production of **Stone** as per mine plan with quantity not exceeding 25,000 cum/year.

5. **Case No. - 3836/15 Shri Abhay Kumar Jain R/o Village-Hatpura Agar, Shajapur, Tehsil & District-Shajapur (MP)-465001 Prior Environment Clearance for approval of Stone Quarry in an area of 2.00 ha. (25,000 cum/year) at Khasra No. - 697/3, Village-Bhilwaria, Tehsil-Shajapur, District-Shajapur (MP)**

This is case of **Stone Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. -697/3, Village-Bhilwaria, Tehsil-Shajapur, District-Shajapur (MP) 2.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vides letter no.-1075, dated: 31/08/2015 has reported that there is 05 more mines operating or proposed within 500 meters around the said mine with total area of 13.864 ha.including this Mine.

The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -Aø

- Production of **Stone** as per mine plan with quantity not exceeding 25,000 cum/year.
- National Highway and Village road is about 700 meters and 110 meters away from the ML area thus additional row of plantation should be provided towards the roads side.

6. Case No. - 3837/15 Shri Moinuddin S/o Shri Mashruddin, Main Market, Tehsil-Mandsaur, District-Mandsaur (MP)-484001. Prior Environment Clearance for approval of Stone Quarry in an area of 1.50 ha. (8,850 cum/year) at Khasra No. -78, Village-Thadod, Tehsil-Malhargarh, District-Mandsaur (MP)

This is case of **Stone Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. -78, Village-Thadod, Tehsil-Malhargarh, District-Mandsaur (MP) 1.50 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vides letter no.-752, dated: 20/05/2015 has reported that there is 06 more mines operating or proposed within 500 meters around the said mine with total area of 13.50 ha including this mine.

The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -A

- Production of **Stone** as per mine plan with quantity not exceeding 8,850 cum/year.
- A warehouse like structure is in close vicinity (approx 350 meters) of ML area. Thus a barrier wall of 03 meters height of suitable material be erected.

7. **Case No. - 3838/15 Shri Nirmal Singh Saluja S/o Shri Dilip Singh Saluja, Near Bus Stand, Post Office, Saluja Nivas Amla, District-Betul (MP)-460551. Prior Environment Clearance for approval of Stone Quarry in an area of 2.00 ha. (5,000 cum/year) at Khasra No. – 629, Village-Sasabad, Tehsil-Amla, District-Betul (MP)**

This is case of **Stone Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. ó 629, Village-Sasabad, Tehsil-Amla, District-Betul (MP) 2.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vides letter no.-1174, dated: 18/08/2015 has reported that there is no more mines operating or proposed within 500 meters around the said mine.

The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -A

- Production of **Stone** as per mine plan with quantity not exceeding 5,000 cum/year and 06 meter depth restriction.

8. **Case No. - 3839/15 Shri Sachin Singh Tomar S/o Shri Gopal Singh Tomar, Village-Tulsipur, Tehsil-Begamganj, District-Raisen (MP)-464881 Prior Environment Clearance for approval of Stone Quarry in an area of 2.023 ha. (9,000 cum/year) at Khasra No. – 461/4, 467/1/1, 467/2/2, 467/2/3, 551/469/1, Village-Tulsipur, Tehsil-Begamganj, District-Raisen (MP)**

This is case of **Stone Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. ó 461/4, 467/1/1, 467/2/2, 467/2/3,

551/469/1, Village-Tulsipur, Tehsil-Begamganj, District-Raisen (MP) 2.023 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no.-1081, dated: 08/09/2015 has reported that there is no more mines operating or proposed within 500 meters around the said mine.

The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -A

- Production of **Stone** as per mine plan with quantity not exceeding 9,000 cum/year.
- A village road is about 150 meters away from the ML area thus additional row of plantation should be provided towards roads side.
- A water body is about 350 meters away from the site thus garland drain with settling tank of suitable capacity be provided all around the ML area.

9. **Case No. - 3840/15 Shri Murarilal Sharma, 65, Sudama Nagar, Agar Road, Ujjain, District-Ujjain (MP)-466001 Prior Environment Clearance for approval of Stone Boulder Quarry in an area of 4.00 ha. (Expansion in production capacity from 2,280 to 5,700 cum/year) at Khasra No. – 180, 192, Village-Jalalkhedi, Tehsil-Ujjain, District-Ujjain (MP)**

This is case of **Stone Boulder Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. ó 180, 192, Village-Jalalkhedi, Tehsil-Ujjain, District-Ujjain (MP) 4.00ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no.-390, dated: 01/09/2014 has reported that there are 06 more mines operating or proposed within 500 meters around the said mine and total area -19.00 ha.including this Mine.

The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -Aø

- Production of **Stone Boulder** as per mine plan with quantity not exceeding 5,700 cum/year.

10. Case No. - 3841/15 Shri Rajesh Prajapati S/o Shri Mohan Lal Prajapati, Ward No. 4, Masal Dar Mohalla, District-Sheopur (MP)-476337 Prior Environment Clearance for approval of Soil Quarry in an area of 1.00 ha. (7,200 cum/year) at Khasra No. -6/1, min2, Village-Pandi, Tehsil-Sheopur, District-Sheopur (MP)

This is case of **Soil Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-6/1, min2, Village-Pandi, Tehsil-Sheopur, District-Sheopur (MP) 1.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no.-6836, dated: 25/09/2014 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -Aø

- Production of **Soil** as per mine plan with quantity not exceeding 7,200 cum/year.
- National Highway is about 80 meters away from the ML area thus a setback of 15 meters be left from the ML area excluding the 7.5 meters mandatory buffer zone.

11. Case No. - 3845/15 Shri Gagnendra Pratap Singh, Village-Bathiya, Tehsil-Maihar, District-Satna (MP)-485774 Prior Environment Clearance for approval of Stone Quarry in an area of 1.547 ha. (40,000 T/year) at Khasra No. -895, Village-Bathiya, Tehsil-Maihar, District-Satna (MP)

This is case of **Stone Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. -895, Village-Bathiya, Tehsil-

Maihar, District-Satna (MP) 1.547 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vides letter no.-729, dated: 01/06/2015 has reported that there is 02 more mines operating or proposed within 500 meters around the said mine and total area -14.54ha including this Mine.

The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -A

- Production of **Stone** as per mine plan with quantity not exceeding 40,000 Ton/year.

12. Case No. - 3846/15 Shri Mukesh Tiwari, Partner, M/s Creative Engineer, R/o Shivaji Ward, District-Sagar (MP)-470001 Prior Environment Clearance for approval of Stone Quarry in an area of 4.00 ha. (22,500 cum/year) at Khasra No. - 92, Village-Pipariya Ramwan, Tehsil-Sagar, District-Sagar (MP)

This is case of **Stone Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. -92, Village-Pipariya Ramwan, Tehsil-Sagar, District-Sagar (MP) 4.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vides letter no.-1601, dated: 06/11/2015 has reported that there is 01 more mines operating or proposed within 500 meters around the said mine and total area -5.00 ha.including this Mine.

Case was presented by the PP and their consultant wherein it was observed that the site is 850 meters away from the river, 2.5 kms away from the National Highway and 1.7 kms away from the State Highway. It was also decided that in the light of observations made by the DFO, PP should develop facilities for fodder under community development programme in consultation with gram panchayat.

The surface map and other maps attached with the mine plan are unsigned. Thus PP was asked to submit surface map showing existing features of site duly signed by the mining officer.

13. Case No. - 3847/15 Shri Rajendra Kumar Jain, Village-Saleha, Tehsil-Gunaur, District-Panna (MP)-488050 Prior Environment Clearance for approval of Sand Stone Quarry in an area of 0.75 ha. (4,000 cum/year) at Khasra No. -15, Village-Sonal, Tehsil-Gunaur, District-Panna (MP)

This is case of **Sand Stone Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. -15, Village-Sonal, Tehsil-Gunaur, District-Panna (MP) 0.75 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vides letter no.-1501, dated: 05/08/2015 has reported that there is no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. During scrutiny of documents it was revealed that DFO vide letter dated 07/12/2015 has stated that the site is 40 meters away from the forest area. Thus PP was asked to get the necessary recommendations from the Divisional Commissioner Level Committee. The case will be appraised after receipt of the recommendations of the committee through SEIAA.

14. Case No. - 3848/15 Shri Prabhat Kumar Pathak, Sr. Manager, C/o Dilip Buildcon Ltd., Bhopal, District-Bhopal (MP)-462016 Prior Environment Clearance for approval of Boulder Mine in an area of 4.50 ha. (2,00,000 cum/year) at Khasra No.-6245, 6247, Village-Badvaar, Tehsil-Gurh, District-Rewa (MP)

This is case of **Boulder Mine**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-6245, 6247, Village-Badvaar, Tehsil-Gurh, District-Rewa (MP) 4.50 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer

vides letter no.-1751, dated: 28/09/2015 has reported that there is no more mines operating or proposed within 500 meters around the said mine.

The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -Aø

- Production of **Stone** as per mine plan with quantity not exceeding 2,00,000 cum/year.
- Being a Temporary Permit (TP) validity of EC should be only up to the validity of TP.
- A natural drain is about 260 meters away from the site thus garland drain with settling tank of suitable capacity be provided all around the ML area.
- Approach road from site to the main road will be maintained by the PP.
- PP has to ensure the execution of closure plan being itø a TP.

15. **Case No. - 3849/15 Shri Bal Govind Kori S/o Bhaiyalal Kori R/o Village Post-Sugrha, Tehsil-Gunnaur, District-Panna (MP)-488050 Prior Environment Clearance for approval of Flagstone Quarry in an area of 0.70 ha. (1,500 cum/year) at Khasra No. -279, Village-Kutmi, Tehsil-Pawai, District-Panna (MP)**

This is case of **Flagstone Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. -279, Village-Kutmi, Tehsil-Pawai, District-Panna (MP) 0.70 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vides letter no.-1594, dated: 10/08/2015 has reported that there is 01 more mines operating or proposed within 500 meters around the said mine and total area -4.58ha including this Mine.

The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -Aø

- Production of **Flag Stone** as per mine plan with quantity not exceeding 1,500 cum/year

16. Case No 709/2012 Janardanpur Limestone and Laterite Mine along with Crusher, Shri Sanktha Prasad Dwivedi, Vill.-Janardanpur, Teh.- Rampur Baghelan, Satna Prior Environmental Clearance for Limestone and laterite mine along with crusher in an area of 25.256 ha for production capacity 0.40 MTPA at Vill.- Janardanpur, Teh.- - Rampur Baghelan, District - Satna by Shri Sanktha Prasad Dwivedi.

The project pertains to Item No. 1(a) category 'B' of the EIA Notification schedule, as the mining lease area of proposed mining project falls between 5 to 50 Ha. Hence it has to be appraised at SEIAA/SEAC of the state for grant of prior EC. The application and relevant documents were forwarded by the SEIAA to SEAC for scoping so as to determine TOR to carry out EIA /EMP. The case was presented before the committee by the PP and his consultant, which reveals following features of the project:

- “ The ML area is located near village Janardanpur, Taluka Rampur Bagehlan, District Satna
- “ The area under reference is revenue land and the state Government of M.P. vide their letter no.- F3-13/2007/12/1 Bhopal Dated- 10.09.2007 granted mining lease to the applicant for 30 years period w.e.f. 26.09.2007 to 25.09.2037.

Project	Janardanpur limestone mine along with Crusher
Location	Janardanpur village, Tehsil Rampur Baghelan, District Satna, Madhya Pradesh State.
Total Area	25.256 ha
Type of Lease Area / Ownership	Revenue Land
Cost of the Project	4 Crore 10 lac
Mining Plan Approval	Letter No. 6 MP/Satna/Limestone/MPLN/G-06/ 2007-08 dated 18.07.2007.

Accessibility Details

Road: The applied area is 30 kms from Satna via Chiboura turning. It is 18 kms from Satna towards Rewa up to chhiboura turning. From here the applied area is 12 kms. towards north via Mankahri and Sejahata. Chhiboura - Sejahata - Janardanpur - Chormari approach road is at a distance of about 100 m. towards east and south.

Railway Station : Satna (30 km) on Allahabad- Jabalpur BG section of WCR and Baghai at 8 Km in south.

Nearest Town: Satna 30 Km

Dist. Headquarter : Satna 30 km

Elevation : Highest Elevation: 300 m AMSL in North Lowest elevation: 295.50 m AMSL in South

Ultimate depth of Mining : 14 m deep from existing surface level

Ground water table : 25m bgl (No Ground Water Intersection)

Latitude : 24⁰36'24" to 24⁰36'47" N

Longitude : 81⁰05'30" to 81⁰05'49" E

Environmental Sensitivity

Dila Nalla	-	2 Km South
Nar Nadi	-	5 Km West
Tons River		6 Km North West
Simrawal Nadi	-	7.50 km NW
Kaniari Nadi	-	7.50 Km East
Sathari RF	-	0.30 Km North, 3.50 Km WSW and 2.50 Km SE
Open jungle	-	4.0 Km SW

Salient features of the Project:

ORE TO BE MINED	LIMESTONE
Mining Methodology	Opencast other than fully mechanized along with crusher
Total Mineable Reserve	Limestone-6.0 million tones Reject Stone-2.0 million tone
Total Waste Generation	4600 MT/month
Max. Rate of Production	0.30 MTPA limestone & 0.10 MTPA reject stone
Anticipated Life of Mine	20 years

Water Requirement	50 m ³ /day	
Water requirement	Source - From sump, Ground water from dug wells / tube wells	
Dust suppression	45.0 m ³ /day	Total 50.0 m ³ /day
Green belt		
Domestic Drinking	5.0 m ³ /day	

- " Opencast other than fully mechanized method, drilling and blasting may be carried out with 32mm dia holes up to 1.5m depth.
- " The OB and ore will be excavated and loaded manually/ mechanically on dumpers.
- " The height of the bench will be upto 6m. The width of the bench will vary from 6m to 10m
- " Total waste generation during life of mine is about at the rate 4600MT/month
- " The total waste generated is in the form of OB and Soil
- " The OB/waste generated will be utilised for backfilling besides utilization for preparation of the protective bund on which plantation will be raised
- " Composition of Mineral: CaO : 35-46 %
MgO: 2-4 %
Silica: 4- 10%

Proposed Plantation Scheme

Year	Plantation during the year (No. of saplings)	Area covered during the year			Survival rate%	Species proposed
		Bf Area Nos. Area (sqm)	Dump Nos. Area (sqm)	Green belt Nos. Area (sqm)		
Lease Period	16500	13000/65500	Nil	3500/17850	80	Neem, Gulmohar, Mango, Sagwan, Shisham, Kachnar, Gamhar, Jamun, Agaves, Babool, Sub-babool, Karanj and Amla etc. trees will be planted every year.

Budgetary Provisions:

Capital Cost: Rs 4 Crore 10 Lac

Sr. no.	Description	Cost in Rs.
1	Land cost expenditure	2,00,00,000.00
2	Cost of infrastructure, Equipment, vehicles, Manpower, machineries, etc.	1,00,000.00.00
3	Environnental protection (check dams etc)	5,00,000.00
4	Socio-economic development	5,00,000.00
5	Crusher	1,00,00,000.00
TOTAL		4,10,00,000.00

The Case for EIA was presented by the PP in 225th SEAC meeting dated 17/09/2015 and after deliberations PP was asked to submit response on following issues:-

1. Table given for compliance of TOR point no. 3 should be resubmitted wrt to five years plantation scheme.
2. Surface plan/ Development plan showing all the existing features such as crusher etc should be submitted.
3. Any change in natural drainage pattern due to this activity should be addressed and if there is any change, same should be presented on the map along with protection plan.
4. PP should submit a detailed map with photographs along with inventory of existing trees with their name and number in mining lease area & their management plan.
5. All the issues raised in public hearing (such as de-siltation of pond, maintenance of village road etc) should be addressed along with the budgetary provisions made for them.
6. Justification for the Production capacity leaving the statutory area under the high tension line.

The query responses were presented by the PP and their consultant. After delibeations, it was decided to carryout site visit to ascertain the applicability of the proposed EMP specifically with respect to management of existing trees at the site.

17. **Case No. - 3850/15 Smt. Meera Dwivedi, Village-Bandhawabada, Tehsil-Sohagpur, District-Shahdol (MP)-484001 Prior Environment Clearance for approval of Stone Quarry in an area of 1.117 ha. (5,000 cum/year) at Khasra No. -681, Village-Bandhawabada, Tehsil-Sohagpur, District-Shahdol (MP)**

This is case of **Stone Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. -681, Village-Bandhawabada, Tehsil-Sohagpur, District-Shahdol (MP) 1.117 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no.-1280, dated: 05/08/2015 has reported that there is no more mines operating or proposed within 500 meters around the said mine.

The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -Aø

- Production of **Stone Quarry** as per mine plan with quantity not exceeding 5,000 cum/year.

18. **Case No. - 3851/15 Shri Gyanendra Singh, Prop., M/s Sarveshwari Mines, Village-Dhoti (Near Tata Commercial), District-Singrauli (MP)-486886 Prior Environment Clearance for approval of Metal Stone Quarry in an area of 2.00 ha. (24,590 cum/year) at Khasra No. – 222,226, Village-Purani Deosar, Tehsil-Sarai, District-Singrauli (MP).**

This is case of **Metal Stone Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. ó 222,226, Village-Purani Deosar, Tehsil-Sarai, District-Singrauli (MP) 2.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vides letter no.-1439, dated: 14/08/2015 has reported that there is no more mines operating or proposed within 500 meters around the said mine.

The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -Aø

- Production of **Metal Stone** as per mine plan with quantity not exceeding 24,590 cum/year.
- A river is about 150 meters away from the site thus garland drain with settling tank of suitable capacity be provided all around the ML area.

19. **Case No. - 3852/15 Shri Ajay Dev Singh Bundela S/o Arunpal Singh Bundela R/o Sikarpura, Tehsil-Pawai, District-Panna (MP) . Prior Environment Clearance for approval of Sandstone Quarry in an area of 0.70 ha. (750 cum/year) at Khasra No.-242/2, Village-Kamuriya, Tehsil-Pawai, District-Panna (MP)**

This is case of **Sand stone Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. ó 242/2, Village-Kamuriya, Tehsil-Pawai, District- Panna (MP) 0.70 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vides letter no.-1498, dated: 05/08/2015 has reported that there is 02 more mines operating or proposed within 500 meters around the said mine and total area -4.40 ha.including this Mine.

The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -Aø

- Production of **Sand stone** as per mine plan with quantity not exceeding 750 cum/year.
- All the conditions imposed by the district level committee in their meeting dated 22/10/2007 are to be complied by the PP.

20. **Case No. - 1127/2013 Smt. Kamlesh Singh, Vill.- Itour, PO Rajrwar, Th.- Kotar, District-Satna, M.P. Environmental Clearance for Ochre,Laterite, White clay mine in an area of 4.89 Ha. at Vill. - Chitgarh, Th.- Rampur Baghelan, District- Satna,**

M.P.20000 TPA to 80,000 TPA,atKhasra No. 62/1 k, Teh. – Kotar, Distt. – Satna (M.P.) Lease Area – (12.10 Acre) 4.89 Ha. Lease Period – 20 Year (Up to 08/11/2019).

Project background

The lease was sanctioned over an area of 4.89 Hect (or 12.10 Acre) of Khasra 62/1 to **Smt. Kamlesh Singh W/oShriLakhanPratap Singh** vide State Govt. Order no. **3-33/05/12/1, Bhopal dated 22/09/09** for 20 Years, near village Chitgarh, Tehsil RampurBaghelan& District Satna (Madhya Pradesh).

The leasee has signed agreement with State Government on 09-11-2009 and registered on 18-11-2009 for period of 20 Years that is valid upto 8-11-2029.

BhuPravesh has been carried out and permission to start the quarry in the lease area has been authorised by The Collector, Satna (M.P.) vide consent letter no. 114Aa67/2009-2010, Dated 17.05.2010.

Mine was open on 20-05-2010.

Modified Mining Plan has been Approved vide letter No. MP/Satna/Laterite/MPLN-Modi-19/11-12, Dated 27.8.12

T.O.R. for grant of mining lease and Enhancement in targeted production was obtained vide letter No. 464/PS-MS/MPPCB/SEAC/TOR(120)/2013, Bhopal dated 25.04.2013.

Public Hearing held on 07.07.2013 near mine site.

Project Details

Type of land	Govt waste land
Khasra No.	Part 62/1 Ka
Existing & Proposed capacity	Production of Laterite from 20,000 MTA to 80,000 MTA
Mining method	Opencast semi-mechanized method.
Dimension of benches	3 mts. in Overburden bench and 6 mts. height in mineral benches.
Stripping ratio (Mine. in MT & OB in cu. Mts.)	1:0.027
Life of mine	5 years (based on reserve established and targeted production).
Present working depth	320 mRL
Ultimate Pit Limit	314 mRL to 295 mRL
3,00,031 MT	
Colour: Brownish RedForm: Pisulitic Hardness : 3-5Sp. Gravity : 2.70 T/Cu mts.	
Silica as SiO ₂ : 14.11% to 17.15% Ferric Oxides as Fe ₂ O ₃ : 56.80% to 49.71% Alumina as Al ₂ O ₃ : 12.02 % to 14.60%	

Location

Village	Chitgarh
Tehsil	RampuraBaghelan
District	Satna
Latitude	24°45'31.1" to 24°45'45.2" N
Longitude	81°03'55" to 80°03'59.7" E
Topography	Undulating small hilly
Distance from nearest town	Satna, 12 kms.
Nearest Railway Station	Jaitwara - 8 kms.
Nearest major water bodies	AsrawalNala 3.5 Km. East, SimrawaiNadi 7.5 Km.

Phase Wise Conceptual Plan of the Core Zone

SN	Particulars	Existing land use pattern	After Proposal of 2 years	At the end of Mine life
1.	Mining Pits	0.8734	1.4408	2.2422
2.	Overburden	-	-	-
3.	Infrastructure	-	-	-
4.	Roads	0.0236	0.0236	0.0200
5.	Green Belt **	-	1.00	1.1000
6.	Plantation inside lease area **	0.12	0.12	0.1200
7.	Plantation on waste dump**	-	-	-
8.	Others	-	0.0025	-
9.	Reclamation (Backfilled) **	-	0.0630	0.4000
10.	Rain water collection pond **	0.20	0.50	1.8422
11.	Total Used Area	0.8970	1.4669	2.2622
12.	Total Unused Area	3.9930	3.4231	2.6278
	Total	4.8900	4.8900	4.8900

Sources of Pollution & Emission Factor

SN	Source	Activity
1.	Exposed Area	Overburden
		Pit surface
2.	Mineral	Loading

		Unloading
3.	Overburden	Loading
		Unloading
4.	Stock yard	Mineral storage
5.	Road	Transport
		Haul road

Increase in Air Pollution and Expected SPM

Receptor location	X coordinate (m)	Y coordinate (m)	Predicted increase in GLC ($\mu\text{g}/\text{m}^3$)
Paruhar	10260	15400	0.000
Nimoha	9380	11900	0.000
Rakhonda	10600	9400	4.013
Tihai	3300	7000	0.024

Proposed C.S.R. Activities

SN	Detail	Expenditure
Proposed Medical & Health		
1.	Proposed health camps two	50,000
2.	Helping to villagers in case of serious illness and health awareness programmes	50,000
Proposed Educational		
3.	Educating the workers on First Aid & Mate classes and other educational needs	50,000
4.	Contribution in School	50,000

Earlier this case was recommended for grant of prior EC subject to the following special conditions in the 140th SEAC meeting dated 30/08/2013:

1. The CSR budget shall be Rs 2.5 Lac per year as committed by the PP during the presentation. The CSR shall be executed through Gram Sabha and / or Local Administration.
2. Production capacity shall not exceed 80000 TPA.
3. At the end of mine life 0.4 Ha shall be back-filled and under plantation as per the scheme submitted and 1.8422 Ha shall developed into a planned water reservoir. The reservoir shall be appropriately fenced and gently sloped, to avoid accident.
4. The water shall be supplied to the villagers if demanded.

The above case was again sent back by SEIAA for appraisal vide their letter no. 6426 dated 19/10/2015 as the case was delisted on account of lease area less than 05 ha.

The case was presented by the PP and their consultant. After presentation and deliberations, the committee decided to stand by its earlier recommendations made in the 140th SEAC meeting dated 30/08/2013 for grant of EC with following recommendations:

1. The CSR budget shall be Rs 2.5 Lac per year as committed by the PP during the presentation. The CSR shall be executed through Gram Sabha and / or Local Administration.
2. Production capacity shall not exceed 80000 TPA.
3. At the end of mine life 0.4 Ha shall be back-filled and under plantation as per the scheme submitted and 1.8422 Ha shall be developed into a planned water reservoir. The reservoir shall be appropriately fenced and gently sloped, to avoid accident.
5. The water shall be supplied to the villagers if demanded.
6. Appropriate activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized through Gram Panchayat.
7. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
8. Curtaining of site shall be done through thick plantation all around the boundaries of the lease area.
9. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
10. Transportation of material shall be done in covered vehicles.
11. Necessary consents shall be obtained from MPPCB and the air / water pollution control measures have to be installed as per the recommendation of MPPCB.
12. Permission / NOC shall be obtained from Gram Panchayat for lifting water from the village resources and shall be furnished to MPPCB while obtaining necessary consents under the provisions of Air / Water consents.
13. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.

21. **Case No. - 3853/15 Shri Gyanendra Singh, Prop., M/s Sarveshwari Mines, Village-Dhoti (Near Tata Commercial), District-Singrauli (MP)-486886. Prior Environment Clearance for approval of Metal Stone Quarry in an area of 1.34 ha.**

(31,500 cum/year) at Khasra No. – 179, 180, Village-Semariya, Tehsil-Mada, District-Singrauli (MP)

This is case of **Metal Stone Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 179, 180, Village-Semariya, Tehsil-Mada, District-Singrauli (MP) 1.34 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no.-1443, dated: 14/08/2015 has reported that there is 01 more mines operating or proposed within 500 meters around the said mine and total area -3.01 ha.including this Mine.

The case was presented by the PP and their consultant and it was observed that the lease area is appears a mound of approx 04 meters as per the Google image based on the co-ordinates provided by the PP. It was also noticed that the ML area is only 04 kms away from Chhatisgarh State. Since the cumulative area within 500 radius of this mine is <5.00 ha (As per Mining Officer vide letter no.-1443, dated: 14/08/2015) the general conditions are not applicable in this project as per GOI Notification No. S.O. 2731 (E) dated 09/09/2013 and thus the case was considered as B-2 category.

The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -A

- Production of **Metal Stone** as per mine plan with quantity not exceeding 31,500 cum/year and 06 meter depth restriction.

22. **Case No. - 3854/15 Shri Sunil Kumar Goyal R/o Village-Singrauli, District-Singrauli (MP)-486886 Prior Environment Clearance for approval of Metal Stone Quarry in an area of 2.87 ha. (83,990 cum/year) at Khasra No. -1171, 1173, 1184, & 1185, Village-Makrohar, Tehsil-Singrauli, District-Singrauli (MP)**

This is case of **Metal Stone Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. -1171, 1173, 1184, &

1185, Village-Makrohar, Tehsil-Singrauli, District-Singrauli (MP) 2.87 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no.-1791, dated: 28/08/2015 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine and total area -4.84 ha.including this Mine.

The case was presented by the PP and their consultant and it was observed that the lease area is appears a mound of approx 06 meters as per the Google image based on the co-ordinates provided by the PP. It was also noticed that the ML area is only 02 kms away from Chhattisgarh State. Since the cumulative area within 500 radius of this mine is <5.00 ha (As per Mining Officer vide letter no.-1443, dated: 14/08/2015) the general conditions are not applicable in this project as per GOI Notification No. S.O. 2731 (E) dated 09/09/2013 and thus the case was considered as B-2 category.

The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -Aø

- Production of **Metal Stone** as per mine plan with quantity not exceeding 83,990 cum/year.
- A water body is about 250 meters away from the site thus garland drain with settling tank of suitable capacity be provided all around the ML area.

23. Case No. - 3855/15 Shri Saudan Singh S/o Shri Govardhan Singh, Village-Devla Bihar, Tehsil-Gulana, District-Shajapur (MP) Prior Environment Clearance for approval of Sand Quarry in an area of 5.10 ha. (4,500 cum/year) at Khasra No. – 2411, Village-Devla Bihar, Tehsil-Gulana, District-Shajapur (MP)

This is case of **Sand Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. ó 2411, Village-Devla Bihar, Tehsil-Gulana, District-Shajapur (MP) 5.10 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 1000 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vides letter no.-992, dated: 13/08/2015 has reported that there is 01 more mines operating or proposed within 1000 meters around the said mine and total area -10.30 ha.including this Mine.

The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -Bø

- Production of **Sand** as per mine plan with quantity not exceeding 4,500 cum/year.
- A railway bridge is crossing the ML area thus necessary safety buffer zone of 250 meters on the both sides of the bridge be left out of the mining.

24. Case No. - 3856/15 Shri Hitendra Suryawanshi S/o Shri Swarupchand Suryawanshi, Chandrashekhar Ward, Tikari Link Road, Sadar Betul, District-Betul (MP). Prior Environment Clearance for approval of Stone Quarry in an area of 0.800 ha. (2,000 cum/year) at Khasra No. -174/2, Village-Jhitapati, Tehsil-Amla, District-Betul (MP)

This is case of **Stone Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. -174/2, Village-Jhitapati, Tehsil-Amla, District-Betul (MP) 0.800 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vides letter no.-1466, dated: 14/08/2015 has reported that there is 01 more mines operating or proposed within 500 meters around the said mine and Total Area-1.80 ha.including this Mine.

The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -Aø

- Production of **Stone** as per mine plan with quantity not exceeding 2,000 cum/year.
- No blasting is allowed as proposed by the PP in EMP.

25. Case No. - 3857/15 Shri Radheshyam Ji, Village & Tehsil-Tal, District-Ratlam (MP) Prior Environment Clearance for approval of Sand Quarry in an area of 16.00 ha. (5,000 cum/year) at Khasra No. -90, & 242, Village-Fatehpur, Tehsil-Tal, District-Ratlam (MP)

This is case of **Sand Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. -90, & 242, Village-Fatehpur, Tehsil-Tal, District-Ratlam (MP) 16.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 1000 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vides letter no.-1119, dated: 21/07/2015 has reported that there is no more mines operating or proposed within 1000 meters around the said mine.

The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -B

- Production of **Sand** as per mine plan with quantity not exceeding 5,000 cum/year.

26. Case No. 2711/2015 Shri Balaji Developers Partner Shri Vikas Mitta, 301 Pukhraj Corporate, Indore Stone Quarry Lease Area-1.998 ha., Capacity - 40,000 cum/year, at Khasra No. 87/1/1/1, 87/1/1/2, 87/1/2/2, 87/1/2/1 & 88/1 Vill. Kevdiya, Teh. - Indore, Distt. Indore (M.P.)

This is case of **Stone Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 87/1/1/1, 87/1/1/2, 87/1/2/2, 87/1/2/1 & 88/1 Vill. Kevdiya, Teh. ó Indore, Distt. Indore (M.P.) 1.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 163, dated: 19/02/15, has reported that there are 02 more mines operating or proposed within 500 meters around the said mine and total area -5.798 ha.

The case was scheduled for presentation in the 244th SEAC meeting dated 08/12/2015 wherein PP remains absent. PP later on requested that due to family affair he was not able to attend the meeting and requested to present the case in the forth coming meeting of SEAC. The committee accepted the request of PP and allowed him to make the presentation in this meeting.

The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -A

- Production of **Stone** as per mine plan with quantity not exceeding 40,000 cum/year with 06 meter depth restriction.

(A. A. MISHRA)
SECRETARY

(R. B. LAL)
CHAIRMAN

Following standard conditions shall be applicable for the mining projects of minor mineral in addition to the specific conditions:

Annexure- 'A'

Standard conditions applicable to Stone/Murrum and Soil quarries:

1. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
2. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA
3. Transportation of material shall be done in covered vehicles.
4. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
5. Curtaining of site shall be done using appropriate media.
6. The proposed plantation should be carried out along with the mining @45 trees per hectare and PP would maintain the plants for five years including casualty replacement. Entire plantation should be carried out in the initial 2-3 years while maintenance and causality replacement be done in subsequent years.
7. Transportation shall not be carried out through forest area.
8. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat.
9. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
10. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.

Annexure- 'B'

Standard conditions applicable for the sand Mine Quarries*

1. The amount towards reclamation of the land in MLA shall be carried out through the mining department; the appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
2. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
3. Plantation shall be carried out on the banks for stabilization of the banks.
4. The mining activity shall be done manually.
5. Heavy vehicles shall not be allowed on the banks for loading of sand.
6. The sand shall be transported by small trolleys up to the main transport vehicle.
7. Transport vehicles will be covered with tarpauline to minimize dust/sand particle emissions.
8. For carrying out mining in proximity to any bridge and/or embankment, appropriate safety zone on upstream as well as on downstream from the periphery of the mining site shall be ensured taking into account the structural parameters, location aspects, flow rate, etc., and no mining shall be carried out in the safety zone.
9. No Mining shall be carried out during Monsoon season.
10. The depth of mining shall be restricted to 3m or water level, whichever is less.
11. No in-stream mining shall be allowed.
12. The mining shall be carried out strictly as per the approved mining plan and ensure that the annual replenishment of sand in the mining lease area is sufficient to sustain the mining operations at levels prescribed in the mining plan.
13. Established water conveyance channels should not be relocated, straightened, or modified.
14. If the stream is dry, the excavation must not proceed beyond the lowest undisturbed elevation of the stream bottom, which is a function of local hydraulics, hydrology, and geomorphology.
15. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
16. PP shall take Socio-economic activities in the region through the Gram Panchayat.
17. EC will be valid for mine lease period subject to a ceiling of 5 years.