

The 29th meeting of the Second State Expert Appraisal Committee (SEAC-II) for mining projects was held on 03rd June, 2016 under the Chairmanship of Dr. Navin Chandra 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. Mohd. Akram khan, Member.
2. Shri. Mohd. Kasam khan, Member.
3. Shri. Prashant Shrivastava, Member.
4. Dr. Sonal Mehta, Member

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

- 1. Case No. -5173/16 Shri Raman Singh Yadav S/o Shri Mohan Singh Yadav, Lessee, Vidisha Road, Lambardar Gali, 8/345, District-Ashok Nagar (MP)-402408 Prior Environment Clearance for Sand Deposit Mining Quarry in an area of 6.355 ha. (3,040 cum/year) at Khasra No.-01, Village-Kelaras, Tehsil-Shadora, District-Ashok Nagar (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra No.-01, Village-Kelaras, Tehsil-Shadora, District-Ashok Nagar (MP) 6.355 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 vide letter no.240, dated: 2/9/15, has reported that there is no more mine operating or proposed within 1000 meters around the said mine.

Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings and even if the PP remains absent, the case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

- 2. Case No.4821/15 Shri Phool Singh S/o Shri Ram Singh, Resi-Village-Madapura, Tehsil-Rajgarh, District-Rajgarh (MP)-465661 Prior Environment Clearance for Sand**

Quarry in an area of 7.183 ha. (340 cum/year) at Khasra No.-1, 52/256, Village-Piplya, Tehsil-Rajgarh, District-Rajgarh (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra No.-1, 52/256, Village-Piplya, Tehsil-Rajgarh, District-Rajgarh (MP) 7.183 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 vide letter no. 830 dated: 09/10/15, has reported that there are 01 more mine operating or proposed within 1000 meters around the said mine with total area of 13.794 ha including this mine.

SEIAA vide letter no. 1440/SEIAA/16 dated 11/05/2016 forwarded that replenishment plan submitted by the PP.

The case was presented by the PP and their consultant wherein it was observed from the Google image of December, 2015 based on the co-ordinates provided by the PP that >70% of the area is submerged in the water. The committee after deliberations decided that PP may be asked to submit revised production/operational map indicating the area where sand is available with land use plan which was submitted by the PP. Considering the revised submission made by the PP 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 :-Bα

- Production of Sand as per mine plan with quantity not exceeding 340 cum/year.
- District Authority should record the deposition of sand in the lease area at an interval of 50 meters annually in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority may allow lease holder to excavate the replenished quantity of sand in the subsequent year.
- Evacuation of sand should not be allowed through the roads passing through the villages.
- Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.
- If causeway (Rapta) is required to be constructed for mining. It should be removed completely before rainy season every year.
- The river bank from where access ramps are made should be restored and access should be closed every year before rainy season.

- No diversion of active channel should be allowed for mining.

3. Case No. – 2932/15 Shri Ramprasad Sharma S/o Shri Shivnarayan Sharma, 21, Vill.-Barkheda, Teh.-Tal, Ratlam (M.P.)-457226 Kelukheda River Sand Quarry Lease Area - 12.00 Ha., Capacity - 5,100 cum/year, at Khasra no.-01 Vill.-Kelukheda, Teh.-Tal, District-Ratlam (M.P.)

This is case of Kelukheda River Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site, at Khasra no.-01, Vill.-Kelukheda, Teh.-Tal, District-Ratlam (M.P.) 12.00 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 vide letter no.454, dated: -20/03/15, has reported that there is 01 more mine operating or proposed within 1000 meters around the said mine with total area of 21.78 ha including this mine.

SEIAA vide letter no. 1091/SEIAA/16 dated 28/04/2016 forwarded that replenishment plan submitted by the PP.

The case was presented by the PP and their consultant wherein as per the Google image of December, 2015 based on the co-ordinates provided by the PP it was observed that the entire lease area is submerged in water. PP during presentation submitted that enough sand is available during summer season. Committee after deliberations asked PP to submit recent photographs of the lease area showing availability of sand for further consideration of the project.

4. Case No. 3568/15 Shri Foulad Singh Patel, Authorized Signatory, M/s Khare Construction Company, Sub Lessee, M.P. State Mining Corporation Ltd., Vill.-Samnapur, Teh.-Kareli, Narsinghpur (MP)-487770 Prior Environment Clearance for approval of Sand Mining in an area of 22.07 ha. (60,000 cum/year) at Khasra No.-326, Vill.-Neemkheda, Teh.-Shahpura, District-Jabalpur (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed at Khasra No.-326, Vill.-Neemkheda, Teh.-Shahpura, District-Jabalpur (MP) 22.07 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 vide letter no.1960 dated: 15/10/2015 has reported that there is no more mine operating or proposed within 1000 meters around the said mine.

SEIAA vide letter no. 905/SEIAA/16 dated 23/04/2016 forwarded that replenishment plan submitted by the PP.

The case was presented by the PP and their consultant wherein as per the Google image of November, 2015 based on the co-ordinates provided by the PP it was observed that part of lease area is submerged in water and a road bridge is in existence towards the eastern side of the lease. The committee after deliberations decided that PP may be asked to submit land use plan of the lease area and 500 meters location plan.

5. Case No. 3282/15 Shri Ganpat Singh, Vill.-Ingoriya, Teh.-Barnagar, District-Ujjain (MP)-456771 Prior Environment Clearance for approval of Sand Quarry Lease Area - 16.59 ha. Capacity - (6,900 cum/year) at Khasra No.-246, & 508, Vill.-Sijavata, Teh.-Barnagar, District-Ujjain.

This is a case of mining of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-246, & 508, Village-Sijavata, Tehsil-Barnagar, District-Ujjain (MP) 16.59 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 vide letter no.1195 dated: 31/3/15, has reported that there is no more mines operating or proposed within 1000 meters around the said mine.

SEIAA vide letter no. 11904/SEIAA/16 dated 17/03/2016 forwarded that replenishment plan submitted by the PP.

The case was presented by the PP and their consultant wherein as per the Google image of December, 2015 based on the co-ordinates provided by the PP it was observed that entire lease area is submerged in water. The committee after deliberations decided that PP may be

asked to submit revised production/operational map indicating the area where sand is available with land use plan land use plan of the lease area and 500 meters location plan.

6. Case No. – 3018/15 Shri Ramprasad Sharma S/o Shri Shivnarayan Sharma, 21, Vill.- Barkheda, Teh.-Tal, Ratlam (M.P.)-457226 Surjana River Sand Deposit Lease Area - 9.780 Ha., Capacity - 5,000 cum/year, at Khasra No.- 01, Vill.- Surjana, Teh.-Tal, District-Ratlam (M.P.)

This is case of Surjana River Sand Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site, at Khasra No.-1, Vill. - Surjana, Teh.-Tal, District-Ratlam (M.P.) 9.780 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 vide letter no.-454, dated: -20/03/15, has reported that there is no more mine operating or proposed within 1000 meters around the said mine.

SEIAA vide letter no. 940/SEIAA/16 dated 25/04/2016 forwarded that replenishment plan submitted by the PP.

The case was presented by the PP and their consultant wherein it was observed as per the co-ordinate provided by the PP that two co-ordinates are falling in the agricultural field and thus the lease area granted for the sand mining could not be identified for relevant environmental sensitivity. The committee asked PP to submit revised co-ordinates of the site for appraisal.

7. Case No. -5158/16 Shri Omprakash Jat S/o Shri Radhakrishan Jat, Proprietor, Village-Panthpiplai, Tehsil-Ujjain, District-Ujjain (MP)-457779 Prior Environment Clearance for River Sand Quarry in an area of 9.360 ha. (2,808 cum/year) at Khasra no.-1, Village-Panthpiplai, Tehsil-Ujjain, District-Ujjain (MP) (Absent 22nd meeting dt- 5/5/16 and 26th dt- 24/5/16)

This is case of River Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site, at Khasra no.-1, Village-Panthpiplai, Tehsil-Ujjain, District-Ujjain (MP) 9.360 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 vide letter no.-3212, dated: -10/12/15, has reported that there is no more mine operating or proposed within 1000 meters around the said mine.

The case was presented by the PP and their consultant wherein as per the Google image of December, 2015 based on the co-ordinates provided by the PP it was observed that most part of the lease area is submerged in water. The committee after deliberations decided that PP may be asked to submit revised production/operational map indicating the area where sand is available with land use plan land use plan of the lease area.

8. Case No. 4162/15 Shri Vishal Yadav S/o Shri Banwarilal Yadav R/o House No. 95, Sairam Colony, Semra Colony, Huzur, Bhopal (MP)-462023 Prior Environment Clearance for approval of Metal Stone Quarry in an area of 9.00 ha. (19,950 cum/year) at Khasra no.-244, Village-Kardai, Tehsil-Huzur, District-Bhopal (MP) (Q- 6th meeting and Q-23rd meeting)

This is case of Metal Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra no.-244, Village-Kardai, Tehsil-Huzur, District-Bhopal (MP) 9.00 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.644 dated: -11/05/15 has reported that there are two more mine operating or proposed within 500 meters around the said mine and the total area including this mine is 22.00 ha.

The case was presented by the PP and their consultant wherein the EMS and other submissions submitted 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 Basalt Stone as per mine plan with quantity not exceeding 19,950 Cum/Year.

- Garland drain with settling tank of suitable capacity be provided all around the ML area.

9. Case No. 3207/15 Shri Ashok Dubey S/o Shri Rajkumar Dubey, Sharda Colony, Ward No. 15, Teh.-Sousar, District-Chhindwara (MP)-480337 Prior Environment Clearance for approval of Stone Metal Quarry Lease Area - 2.00 ha., Capacity - (5,000 cum/year) at Khasra No.-904/1, 2, 3, 6, Vill.-Rajana, Teh.-Sousar, District-Chhindwara (MP)

This is case of Stone Metal Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-904/1, 2, 3, 6, Vill.-Rajana, Teh.-Sousar, District-Chhindwara (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.2879, dated: 08/12/14, 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 wherein the EMS and other submissions submitted 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 Basalt Stone as per mine plan with quantity not exceeding 5,000 cum/Year.

10. Case No.-2415/2015 Shri Narendra Singh, Authorized Persons, Shri Prabhat Kumar Pathak, C/o M/s Dilip Buildcon Ltd., Chuna Bhatti, Kolar Road, Bhopal (MP)-462016. Prior Environment Clearance for approval of proposed Stone Quarry in an area of 2.50 ha. (5,80,000 TPA) at Khasra No. 499, Village-Ghatahri, Tehsil-Ghatahri, District-Chhatarpur (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra No. 499, Village-Ghatahri, Tehsil-Ghatahri, District-Chhatarpur (MP) 2.50 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 vide letter no.-347, dated: -10/04/15, has reported that there are 09 more mines operating or proposed within 500 meters around the said mine with total area of -26.45 ha including this mine.

Today, Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Earlier PP was also absent in the 181st SEAC meeting, 186th SEAC meeting and 18th SEAC II meeting. Committee decided that since sufficient opportunities have been given to the PP for appraisal and consideration of the project wherein PP remain absent, the case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

11. Case No. -1725/13 Shri Dinesh S/o Shri Devendralal Agrawal, Vijay Nagar, Balaghat Road, Gondia (Maharashtra) Pin code- 441601 Prior Environmental Clearance for Sonegaon Manganese Ore Mine (M.L Area: 4.998 ha.) Enhancement in Production capacity from 1,285 TPA to 12,495 TPA at Khasra no.-274, Village-Sonogaon, Tehsil-Tirodi, District-Balaghat M.P

This is case of Sonegaon Manganese Ore Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra no.-274, Village-Sonogaon, Tehsil-Tirodi, District-Balaghat (M.P) 4.998 ha. The project requires prior EC before commencement of any activity at site.

Today, Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Earlier PP was also absent in the 261st SEAC meeting and 18th SEAC II meeting. Committee decided that since sufficient opportunities have been given to the PP for appraisal and consideration of the project wherein PP remain absent, the case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

12. Case No. - 1447/13 Shri Mahendra Singh Solanki, Village Baman khedi , Tehsil- Jaor, Dist. Ratlam Prior Environmental clearance for approval of 2.00 ha stone mine in Production capacity 2500 cum/year at Khasra no.-355, Village Sindurkiya, Thasile jaora , Dist. Ratlam

This is case of stone mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra no.-355, Village Sindurkiya, Thasile jaora, Dist. Ratlam 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 vide letter no.-561, dated: -26/09/14, has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 6.450 ha including this mine.

Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings and even if the PP remains absent, the case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

13. Case No. – 2315/14 Shri Sachin Malviya S/o Shri Rajaram Malviya, Vill.-Bokrata, Th.- & District-Badwani (M.P.)-451551. Prior Environment Clearance for approval of proposed Stone Quarry in an area of 2.00 ha. at Khasra No.-216 Vill.-Budi, Th.-Pati, District-Badwani (M.P.)

This is a case of mining of stone bolder. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-216 at Village- Budi, Tehsil ó Pati, Distt. Badwani (MP) in 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. It was reported by the concerned Mining Officer of mining department vide letter no.704 dated 09/09/14, that no mine is operating / proposed within 500 meter radius around the said mine. The case was earlier recommended for the grant of EC in the 178th SEAC meeting dated 24/03/2015 but SEIAA vides their letter no. 6144 dated 09/10/2015 sent back the file for re-appraisal as decided in the 229th meeting dated 25/08/2015.

The case was scheduled for the presentation today but PP remains absent. During scrutiny of documents it was observed by the committee that PP vides letter dated 13/05/2016 has

requested that being the lease area is <5.00 ha, his case may be transferred to DEIAA. It was also observed by the committee that PP has submitted revised mine plan as per the 229th SEIAA minutes dated 25/08/2015. Committee after deliberations decided that since PP has revised the mine plan thus fresh appraisal of the project is required and being the case is off area <5.00 ha considering the request of PP, same is recommended to be transferred to DEIAA and recommendations made for the EC in the 178th SEAC meeting dated 24/03/2015 stands withdrawn.

14. Case No. – 3157/15 Smt. Seema Sheikh W/o Shri Firoz Sheikh, 58, Ramnagar, Dewas (M.P.) Stone Gitti Quarry Lease Area - 3.00 Capacity - 15,000 cum/year, at Khasra No.-378, 379, Vill.-Dungariya, Teh.-Dewas, Dist-Dewas (M.P.)

This is a case of mining of Stone Gitti Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-378, 379, Village-Dungariya, Tehsil-Dewas, Dist-Dewas (M.P.) 3.00ha. 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. 396 dated: 17/3/15, has reported that there is 01 more mine operating or proposed within 500 meters around the said mine and Total Area-7.00 ha including this mine.

Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings and even if the PP remains absent, the case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

15. Case No. -5184/16 Shri Abhayjeet Saravgi, Partner, M/s Sihora Minerals, Ward No. 05, Sihora, District-Jabalpur (MP)-483225. Prior Environment Clearance for Marble Waste Dump in an area of 8.80 ha. (60,390 cum/year) at Khasra No.-1658, Village-Harduakalan, Tehsil-Majholi, District-Jabalpur (MP)

This is case of Marble Waste Dump. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra No.-1658, Village-Harduakalan, Tehsil-Majholi, District-Jabalpur (MP) 8.80 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 vide letter no.- 85, dated: -13/01/16, has reported that there is no more mines operating or proposed within 500 meters around the said mine.

Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings and even if the PP remains absent, the case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

16. Case No. 732/2012 Shri Brijesh Kumar Sharma, C-105, Govindpui, Gwalior, and C/o Kamla Stone Crusher Prior Environment Clearance for Mau Metal Stone in an area of 2.0 for production capacity 20000 cum/year at khasra no. 418 Village - Mau, Dist – Gwalior.

This is case of Mau Metal Stone (Opencast Manual/ Semi Mechanized Method). The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at khasra no. 418 Village - Mau, Dist ó Gwalior 2.00Ha. 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.- 218 dated: 13/04/15, has reported that there are 03 more mines operating or proposed within 500 meters around the said mine with total area of 14.80 ha including this mine.

Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. This case was earlier recommended in the 230th SEAC meeting dated 26/10/2015 but sent back by SEIAA for re-appraisal as òthe mining site is part of the Gwalior City planning area with land use as Residentialö. PP vides letter dated 04/06/2016 has submitted that since the mine lease area is under residential planning they want to withdraw their application.

Committee after deliberations decided that since PP has submitted application for withdrawal of their application, same may be accepted and case may be sent to SEIAA for delisting.

17. Case No. - 1147/2013 M/s Bhim Awadhiya Stone Mines R/o Dindori, Tehsil & Distt. - Dindori,(M.P.) 481880 Prior Environmental Clearance for Stone mine of an area of 1.00 ha. at Khasra No. 109/2 at village Ganeshpur, Tehsil-Dindori, Dindori (M.P.) (Capacity – 3325 cum/year as per mine plan)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 109/2 at village Ganeshpur, Tehsil-Dindori, Dindori (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.- 909 dated: 30/08/2014 & 535 dated: 14/5/15, has reported that there is no more mine operating or proposed within 500 meters around the said mines.

The case was discussed in the 01st SEAC meeting dated 02/02/2016 wherein during evaluation of the documents it was revealed that PP has not submitted the certificate of DFO for distance from forest boundary and as per the Google image based on the co-ordinate provided by the PP a blue colored shade like structure was also seen in the QL area. Committee after deliberations decided that PP may be asked to provide:-

- (a) DFO certificate for distance from forest boundary.
- (b) Details about the blue colored shade like structure observed in the QL area as per the Google image.

The case was again listed today so that PP may come and submit query reply but it was observed that neither the Project Proponent (PP) nor his representative was present to explain the queries which were raised earlier and PP has also not submitted the reply of the query issued vide letter no. 623 dated 15/03/2016 as discussed in the 01st SEAC meeting dated 02/02/2016.

Committee after deliberation decided that since sufficient opportunities have been given to the PP for appraisal and consideration of the project wherein PP has not submitted the reply of query and also remain absent today, the case shall be transferred to DEIAA through SEIAA as the lease area is <5.00 ha and concerned Mining Officer vide letter no.-909 dated: 30/08/2014 & 535 dated: 14/5/15 has reported that there is no more mine operating or proposed within 500 meters around the said mines and thus cluster situation is also not arising.

18. Case No. – 2591/2015 Shri Sanjay Patni, 53, Mutual No. 97, Indore (M.P.)-452001. Dhureri Stone Quarry Lease Area-2.50 ha., Capacity - 14,500 cum/year, at Khasra No. 51/1/1/1 Vill.-Dhureri, Teh.-Depalpur, Distt.-Indore (M.P.)

This is case of Dhureri Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra No. 51/1/1/1 Vill.-Dhureri, Teh.-Depalpur, Distt.-Indore (M.P.) 2.50 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 vide letter no.-34, dated: -11/01/16, has reported that there are 03 more mines operating or proposed within 500 meters around the said mine with total area of 8.69 ha including this mine.

The case was scheduled for presentation today but PP requested for postponement of presentation for tomorrow which was considered by committee if time permits after all the scheduled presentation.

19. Case No. – 1224/13 Smt. Poonam Devi Gupta, Near Tuti Puli, Bharather, Seoni, Distt.-Seoni (M.P.) 480661 M/s Natraj Group Prior Environment Clearance for approval of Stone Mine in Area – 1.50 Ha., (10,000 Cubic Meter/Year) at Khasra No. 32, PH. No. – 12, Village – Gangeura, Tehsil – Seoni, Distt. – Seoni (M.P.)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra No. 32, PH. No. 6 12, Village 6 Gangeura, Tehsil 6 Seoni, Distt. 6 Seoni (M.P.) 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 vide letter no.-1107, dated: -17/09/15, has reported that there are 06 more mines operating or proposed within 500 meters around the said mine with total area of 16.35 ha including this mine.

The case was earlier discussed in the 1st SEAC meeting dated 02/02/2016 wherein during evaluation of the documents it was revealed that all the certificates are issued in the name of PP (Smt. Poonam Devi) are for Khasra No. 32 and Patwari Halka no. 13 while the maps attached with the mine plan are of Khasra No. 323 and map attached with the mine plan is of Khasra no. 202. The committee after deliberations decided that PP may be asked to provide revised mine plans duly approved by the competent authority.

During the scrutiny of documents it was observed by the committee that PP has not submitted the desired information as per the recommendations of the 1st SEAC meeting dated 02/02/2016 (informed to PP vide letter no. 627 dated 15/03/2016). PP was called today for presentation today but remains absent. The committee after deliberations decided that PP was asked to provide revised mine plans duly approved by the competent authority within 30 days which he fails to submit and thus case may be delisted assuming that PP is not interested to continue with the project.

20. Case No. – 1488/13 M/s Shri Ram Traders, Prop. Shri Leelaram Gupta, Doli Road, Barhi Distt. Katni (M.P.) Environmental Clearance for Mining of Stone 3.80 ha. at Khasra no. 209, capacity 90.000 cum/year at village Bichpura, Tehsil Barahi, Dist. Katni (M. P)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra no. 209, capacity 90.000 cum/year at village Bichpura, Tehsil Barahi, Dist. Katni (M. P) 3.80 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 vide letter no.-3732, dated: -07/09/15, has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of 5.70 ha including this mine.

During the scrutiny of documents it was observed by the committee that PP has not submitted the desired information as per the recommendations of the 264th SEAC meeting dated 12/01/2015 (informed to PP vide letter no. 318 dated 02/03/2016). PP was called today for presentation today but remains absent. The committee after deliberations decided that PP was asked to provide maps duly approved by the competent authority within 15 days which he fails to submit and thus case may be delisted assuming that PP is not interested to continue with the project.

21. Case No. 1738/2013 Shri Raghvendra Agrawal, 47, Prabhat Vihar Colony, P.O. & Distt. – Satna (M.P.) Environment Clearance for Ramasthan Limestone Mine in an area of 7.28 ha at Khasra no.-980, 981, Vill.-Ramasthan, Th.-Raghuraj Nagar, District-Satna, (M.P.)-483501 (EIA Presentation)

This is case of Ramasthan Limestone Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra no.-980, 981, Vill.-Ramasthan, Th.-Raghuraj Nagar, District-Satna, (M.P.) 7.28 ha. The project requires prior EC before commencement of any activity at site.

The Proposed project is for mining of Limestone by open cast other than fully mechanized method. The proposed mine lease area is located in village- Ramasthan, Tehsil-Raghuraj Nagar, District-Satna, Madhya Pradesh. The lease area is 7.28 ha of government waste land. 1,00,000 TPA of Limestone and 25,000 TPA of Reject Stone will be produce per annum after the mine will be fully developed. First mine lease was granted to Mr.Mukhtar Ahmad Siddiqui in 31.01.1974 for the 20 years. The lease was transferred to Shri Raghvendra Kumar Agrawal, vide state govt order No. ó 3-218/93/12/2/3 Bhopal Dated 25.01.1994. The first renewal was granted for 20 years period vide order no. ó F 3-6/94/12/2 Bhopal dated 01.03.2002. The renewal agreement was executed on 22.03.2003 for a period of 20 year w.e.f. 31.01.1994 to 30.01.2014. The ML period has been extended upto 30.01.2024 as per MMDR Amendment Act 2015. The Mine Plan for the project approved by Indian Bureau of Mines, Jabalpur vide letter no MP/SATNA/LIMESTONE/MPLN/R.11/2013-14/2667 dated 05/05/2014. The geographical coordinates of the mining lease area is;

| Point | Latitude | Longitude |
|-------|---------------|---------------|
| A | 24°37'29.4" N | 80°57'16.0" E |
| B | 24°37'30.2" N | 80°57'22.9" E |

| | | |
|---|---------------|---------------|
| C | 24°37'29.0" N | 80°57'23.3" E |
| D | 24°37'29.5" N | 80°57'30.3" E |
| E | 24°37'35.2" N | 80°57'30.1" E |
| F | 24°37'36.1" N | 80°57'23.1" E |
| G | 24°37'37.0" N | 80°57'15.9" E |

- The nearest railway station is at Satna, which is 13 km away from the site in south west direction. The site is 4 km away from Satna Birsinghpur road in west direction. The nearest town is Satna at a distance of 13 km.
- Total mineral reserve of Limestone is 13,37,591 Tonnes. Life of the mine is 15 years. Ultimate depth of the mine is 16m bgl and water table of the area varies from 35m to 40m bgl.
- Muffle blasting will be carried out. Conceptual land uses at different stage are given below:

| S.No. | Area | Existing | 5th Year end | Mine Life End |
|-------|--|----------|--------------|---------------|
| 1 | Total area excavated (broken) | 1.10 | 3.625 | 5.83 |
| 2 | Area fully mined out (out of 1) | Nil | 0.50 | 5.83 |
| 3 | Area fully reclaimed (Backfilled out of 2) | Nil | Nil | 0.96 |
| 4 | Area rehabilitated out of 3 by afforestation | Nil | Nil | 0.96 |
| 5 | Area rehabilitated by water harvesting | Nil | Nil | 4.87 |
| 6 | Total area under dumps | 0.50 | 0.50 | Nil |
| 7 | Area under active dumps | Nil | 0.50 | Nil |
| 8 | Area under mineral stack | Nil | 0.25 | Nil |
| 9 | Area under Road | 0.10 | 0.10 | Nil |

| S.No. | Area | Existing | 5th Year end | Mine Life End |
|-------|-------------------------------|----------|--------------|---------------|
| 10 | Plantation on Protective Bund | Nil | 1.45 | 1.45 |
| 11 | Area under infrastructure | Nil | 0.10 | Nil |
| 12 | Garland Drain & Bund | Nil | 0.10 | Nil |

- It is proposed that 2000 plant will be planted in one hectare area. Pits for plantation shall be 1 feet × 1 feet and spacing shall be around 2.5m × 2.5m. Native plants like; Karanj, Khamer, Peepal, Neem, Mahua, Shisam will be used for greenbelt development.
- The project will generate direct (50 person) and indirect (25 person) employment opportunities from the nearby villages.
- Total water requirement for drinking and domestic (7.5 KLD), greenbelt development (3.0 KLD), and mining and allied activity (4.5 KLD) are 15.0 KLD.
- It has been estimated that there will be a total of 28 trips by 16T dumpers per day for transportation of ore from the mine site to the storage area.

Mitigation Measures for Air Pollution

Ambient air quality should be monitored on regular basis. The effect of mining operation on ambient air environment would include regular water sprinkled on road and stakes of ore, development of green belt, proper maintenance of machines.

Mitigation Measures for Water Pollution

The following mitigation measures are suggested for water management. However, priority relevance depends on the location and type of mining and minerals:

- Garland drains should be constructed on all side of quarries and external dumps.
- Garland drains should be routed through adequately sized catch pits or settling pits to remove suspended solids from flowing into storm water.
- Stone barriers across the drain should be constructed;
- Rainwater harvesting by constructing check dams on natural nallah.

Mitigation Measures For Noise Pollution

Noise generated at the mine due to blasting and transportation activities. Noise level should be reduced by maintaining of moving parts of machine, and a thick tree belt will be provided in phased manner around the periphery of the mine and along the roads.

Social Environment

The mine area does not cover any habitation. Hence the mining activity does not involve any displacement of human settlement. No public buildings, places, monuments etc exist within the lease area or in the vicinity. The mining operation will not disturb/ relocate any village or need resettlement. The impact of mining activity in the area is positive on the socio-economic environment of the region.

Public hearing of the project was conducted on 25th May 2015 at the mine site.

The case was presented for TOR in the 146th SEAC meeting dated 08/11/2013 wherein after deliberations committee has approved the TOR with inclusion of following points to be addressed in the EIA:

1. Combined impacts have to be evaluated considering the other nearby mines.
2. The CSR plan should be need based, hence a survey for the purpose has to be conducted and presented with the CSR.

The case was presented by the PP and their consultant wherein after deliberations wherein it was recommended by the committee that 06 meter high protection wall should be erected towards the village side to act as a barrier and Garland drains and settling tanks should be constructed all around the lease area. After presentation, PP was asked to submit response on following:

1. Revised plantation scheme with names of species. Committee suggested that minimum 3900 plants should be planted.
2. An affidavit from PP that commitments made in the public hearing should be fulfilled by them.
3. It was informed that the PP that school proposed nearby the lease has been shifted. PP was asked to submit documentary evidence in support of this.

22. Case No. – 2933/2015 Shri Shivpal Singh Rajput S/o Shri Harish Chandra Rajpur, Vill.-Barahakalan, Teh.-Udaipura, District-Raisen (M.P.)-464770 Chhind Basalt Stone Quarry Lease Area - 7.20 Ha., Capacity - 56,800 cum/year, at Khasra No. 94/1 at Vill.-Chhind, Teh.-Udaipura, District-Raisen (M.P.)

This is a case of mining of Basalt Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 94/1 at Vill.-Chhind, Teh.-Udaipura, District-Raisen (M.P.) in 7.20 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. 467 dated: 8/6/2015 has reported that there is 03 more mines operating or proposed within 500 meters around the said mine and total lease area is 17.150 ha.

The case was presented by the PP and their consultant wherein it was observed by committee that the site is approx. 250 meters away for a reservoir for which garland drains and settling tanks should be constructed. The EMS and other submissions submitted 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 Basalt Stone as per mine plan with quantity not exceeding 56,800 Cum/Year.
- Garland drain with settling tank of suitable capacity be provided all around the ML area.

23. Case No.5137/16 Shri Atul Gondal, Authorized Signatory, M/s Vedansh Minerals Resources, Sub Lessee of MPSMCL, L.L.P. 10/499, B, Aliganj, Khalasilean, Kanpur (UP)-208002 Prior Environment Clearance for River Sand Mining in an area of 10.00 ha. (40,000 cum/year) at Khasra No. 1566 at Village-Bijakpur, Tehsil-Dabra, District-Gwalior (MP)

This is case of **River Sand Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 1566 at Village-Bijakpur, Tehsil-Dabra, District-Gwalior (MP) 10.00 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 vide letter no. 435 dated: 04/11/2015 has reported that there is no more mines operating or proposed within 1000 meters around the said mine.

The case was presented by the PP and their consultant wherein it was observed from the Google image based on the co-ordinate provided by the PP that QL is sanctioned just adjacent to the river bank and sufficient safety area is not left from the bank and the allotted sand lease. Thus committee after deliberations decided that at least 20 meters area be left from northern side of the bank as non-mining area to avoid bank erosion. Other submissions made by PP were found satisfactory and acceptable and thus the 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 4,40,000 cum/year.
- District Authority should record the deposition of sand in the lease area at an interval of 100 meters annually in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority may allow lease holder to excavate the replenished quantity of sand in the subsequent year.
- Evacuation of sand should not be allowed through the roads passing through the villages.
- Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.
- If causeway (Rapta) is required to be constructed for mining. It should be removed completely before rainy season every year.
- The river bank from where access ramps are made should be restored and access should be closed every year before rainy season.
- No diversion of active channel should be allowed for mining.
- 20 meter area be left from the northern side of the banks in the QL as no mining area to avoid bank erosion.

The above case was placed before the committee issuance of corrigendum as in this case due to typographical error quantity recommended for EC in the 20th SEAC meeting dated 24/04/2016 was 4,40,000 cum/year while PP has applied only for 40,000 cum/year and the mine plan was also approved for the quantity of 40,000 cum/year. Committee after deliberations decided that the quantity may be revised and now recommended for 40,000 cum/year and other conditions will remain same as per the recommendations of 20th SEAC meeting dated 24/04/2016.

24. Case No.4510/15 Shri Shivpratap Singh S/o Shri Chandrpal Singh, R/o Vill. Pipliva Haama, Tehsil – Ghattiya, Distt. Ujjain (M.P.) – 456 001 Prior Environment Clearance for approval of Sand Quarry in an area of 8.880 ha. (1,75,500 cum/Year) at Khasra No. 158 at Vill. Rudrakheda, Tehsil – Mahidpur, Distt. Ujjain (M.P.)

This is case of **Sand Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 158 at Vill. Rudrakheda, Tehsil ó Mahidpur, Distt. Ujjain (M.P.) 8.880 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.2491, dated: 21/09/2015 has reported that there are no more mines operating or proposed within 1000 meters around the said mine.

The case was scheduled for presentation in the 259th SEAC meeting dated 06/01/2016 but PP has submitted a request that due to health problem they could not attend the meeting and their case be heard today. Committee on sympathetic ground considered the request of PP and allowed them to present their case.

The was earlier recommended in the 261st SEAC meeting dated 08/01/2016 wherein the EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence the case was recommend for grant of prior EC.

SEIAA vides letter no. 916/SEIAA/16 dated 23/04/2016 have forwarded that replenishment plan submitted by the PP.

The case was presented by the PP and their consultant wherein it was observed by the committee that A bridge and causeway near ML area. Thus PP was asked to leave safe zone of 150 meter from the bridge including 50 meters from the causeway in the ML area. The other submissions made by PP were found satisfactory and acceptable and thus the 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 1,40,400 cum/year.
- District Authority should record the deposition of sand in the lease area at an interval of 50 meters annually in the last week of September and maintain the records in RL

(Reduce Level) Measurement Book. Accordingly authority may allow lease holder to excavate the replenished quantity of sand in the subsequent year.

- Evacuation of sand should not be allowed through the roads passing through the villages.
- Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.
- If causeway (Rapta) is required to be constructed for mining. It should be removed completely before rainy season every year.
- The river bank from where access ramps are made should be restored and access should be closed every year before rainy season.
- No diversion of active channel should be allowed for mining.
- A bridge and causeway near ML area. Thus PP was asked to leave safe zone of 150 meter from the bridge including 50 meters from the causeway in the ML area.

25. Case No. - 2469/2015 M/s Nector Mining Company, Mr. Arun Chopra, Partner, 110, Bhaseen Residency, South Civil Lines, P.O. & Distt- Jabalpur (M.P.) 482001 Kurro Mansakra Laterite Deposit Mine Lease Area - 19.67 ha., Capacity-2,98,145 TPA, Khasra No.- Kurro Village 10, Manasakra Village 522/1 at Vill.- Kurro & Manasakra, Th.- Sihora, Distt-Jabalpur (M.P.) Env. Consultant: Greencindia consulting P. Ltd. Gazizbad.

This is a mining project pertaining to mining of Laterite from a lease area of 19.67 Ha. The project is covered under the provisions of EIA notification. It is mentioned as item 1(a) in the schedule of the EIA notification hence requires prior EC from SEIAA.

Location

The project is located in Kurro and Mansakra Village, Sihora Tehsil, Jabalpur District, Madhya Pradesh. The salient features of the project are described in table below:

Features of the Project and Project Site

| | |
|---|--|
| Project Site | Village ó Kurro & Mansakra Tehsil ó Sihora, District- Jabalpur State - Madhya Pradesh |
| Site Coordinate (Refer Figure 1.2 for map of coordinates superimposed on topographical | Latitude 23°29'04.2" to 23°29'18ö North Longitude 80°07'22.1" to 80°07'47.3" East Toposheet No.- 64 A/2 and 64 A/3 |

Features of the Project and Project Site

| | | |
|---|---|--|
| sheet) | | |
| Mining Lease Area & Type of land | 19.67 Ha of govt. waste land. | |
| Name of Rivers/ Nallahs/ Tanks/ Spring/ Lakes etc within the Study Area (nearest point) | Barne Nadi Heran Nadi Hagni Nadi Belkund Nadi Kanari Nadi Bah Nalla | About 6.5 km in SSW About 3.2 km in S About 5.9 km in SSE About 6.4 km in E About 6.0 km in W About 0.3 km in S |
| Name of Reserve Forests, Wildlife Sanctuary/ National Parks etc. (nearest point) | Hargarh RF Dhanwahi RF Amoch RF Dense Mixed Jungle | About 1.1 km in SE Approx 5.00 Km in ENE About 10.9 km in E About 7.5 km N&NNW |
| Topography of ML area | Highest Elevation: 457m RL towards center. Lowest Elevation: 390 m RL at slope of hill. | |
| Name of Mineral mined | Laterite | |
| Rate of Production (Peak) | 2,98,145 TPA | |
| Life of mine | 26 Years | |
| Mineral Reserve in Tonnes | 4686500 Tonnes | |
| Drilling/ Blasting | No drilling and blasting will be adopted in this mine. | |
| Ground water level | 35-40 m bgl | |
| GWT intersection | Mining will be done above the ground water table. Hence ground water table will not be affected. | |

NATURE AND SIZE

The proposed project is for mining of laterite. The total lease area of the project is 19.67 ha, which consists of Government land. The proposed production of minerals of the proposed mine is about 2,98,145TPA. The estimated cost of the project is about Rs. 2.10 Crores

MINING METHOD

Open cast other than fully mechanized method of mining will be adopted. There is no OB and hence the development in mineral only will be carried out by deployment of excavator. Loading will be done by loaders and transport through dumpers. Sorting, sizing and loading of mineral will be carried out manually as well. No drilling and blasting will be carried out. Rock breaker will be used for breaking over size boulders, if required. Various mining activities such as excavation, loading and transportation will be so conducted as to ensure maximum mineral conservation and minimum environmental degradation. While planning, quality parameter of the deposit has been taken care of so as to have maximum blending ratio.

Systematic working will be done by formation of benches as per M.M.R. 1961. All applicable rules of MMR 1961, Mines Act-1952, MCR-1960, MCDR-1988 will be followed for safe, scientific & systematic working to follow the principles of safety & conservation of human health & mineral. The development in mineral will be carried in bench of height 6.0m and width 10m to 15m.

Waste Management

During the ensuing 5 years plan period, 53,233 cum of IB/waste will be generated. This will be utilized for preparing protective bund in boundary and rest stacked during 5 years. Dumping has been proposed during the ensuing 5-year period in boundary in form of garland bund over 0.50 ha upto 2.0m height and dump towards south in 0.80 ha area upto 10.0m height.

About 2,00,000 cum of OB & waste is proposed to be generated by conceptual period. Dumping will be carried out in 1.0 ha area upto 20m height during 5 years of the conceptual period. This will be re-handled and backfilled during the later part of the conceptual stage. About 1.15 ha will be backfilled and rehabilitated by afforestation per year during conceptual period. No external dump will remain at the end.

Project Requirement

Water: The total water requirement for the project has been estimated at 23 KLD. The only source of water is ground water through dug well and tube wells of nearby villages. The

water available is suitable for drinking purpose. Water for mining operation (dust suppression) will be sourced from sump at a later stage.

Power: Electricity power supply is available in the ML area. Solar power will be used on the haul road and for the site services.

Manpower: About 100 persons from both semi-skilled and unskilled categories will be required for operation of the project.

The application for EC was forwarded by the SEIAA to SEAC for scoping so as to determine TOR to carry out EIA and prepare EMP for the project. PP and his consultant presented the salient features, PFR and proposed TOR before the committee in this meeting. The project is located at *Khasra No.- Kurro Village 10, Manasakra Village 522/1 at Vill.- Kurro & Manasakra, Th.- Sihora, Distt-Jabalpur (M.P.)*. It was reported that the project is not attracted by the General Conditions. PP submitted that the baseline environmental data has already been collected and requested the committee to allow him to use the same in EIA / EMP report.

The case for TOR was presented in the 192^{ed} SEAC meeting dated 08/05/2015 wherein based on the submissions made by the PP and the presentation the Committee recommended for inclusion of following points to be addressed in the EIA / EMP in addition to standard TOR:

1. Baseline environment monitoring data already collected may be used in the EIA / EMP report however it may be note that the data should not be older than 02 years. All data used in the report should be re-validated before use.
2. Production figures from 1994 onwards duly validated from the Mining Department.
3. As the mine is old, existing status of the mining lease area w.r.t. (a) number of pits opened, their depths & other dimensions, (b) Excavations done so far (quantum of mineral excavated) (c) Locations, size and stabilization of Over Burdens.
4. Inventory of operating / proposed mines within 2 Km around the said mine.
5. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.

6. Evacuation Plan to be provided with transport route, required infrastructure and man-power.

The EIA/EMP was presented by the PP and their consultant in the 261st SEAC meeting dated 08/01/2016 wherein in PP informed that it is a fully mechanized mine without drilling & blasting and a safety wall will also be erected all along the ML area. After deliberations, PP was asked to submit response on following issues:-

1. The location of the proposed OB/waste dumps w.r.t. heights is not acceptable to the committee due to anticipated adverse impacts on agricultural fields and nallah. Revised detailed plan of OB/waste management and measures for dump stabilization should be submitted.
2. Area proposed for stacking of dumps needs relocation as the proposed area is near the agricultural fields, Railway track & nallah and during rainy season surface runoff may affect the nearby areas. PP was also advised to reduce the height of proposed dump to 06 meters.
3. Surface runoff management plan.
4. Details about size and specifications of garland drains and settling pond and point of discharge be submitted.
5. PP should submit an undertaking that backfilling will be done from the 6th year of mine operation.
6. Details of beneficiation plant.

The case was again presented by the PP and their consultant for query reply wherein PP informed that as desired they have submitted an undertaking that backfilling will be done from the 6th year of mine operation. During discussion PP informed that relocation of waste dump is not feasible & safe as on the other side the gradient is too high and thus stability will be less and chances of failure will be more. Considering the above technical aspects, committee decides that the proposed location of OB/waste dumps should not be relocated from south to north. The other submission made by the PP was found satisfactory and acceptable hence committee decided to recommend the case for grant of prior EC subject to the following special conditions:

1. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
2. Transportation of material shall be done in covered vehicles.
3. Necessary consents shall be obtained from MPPCB and the air / water pollution control measures have to be installed as per the recommendation of MPPCB.
4. 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.
5. Curtaining of site shall be done through thick plantation all around the boundaries of the lease area.
6. No mining operations be carried out within the statutory safety zone for electrical line passing through the ML area upto its shifting. Garland drain and check-dams shall be constructed all around the dumps to prevent and flow from the mining site.
7. Production of Laterite shall be as per the mining plan with quantity not exceeding 2,98,145 MTPA.
8. The proposed plantation should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement.
9. Appropriate activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized through Gram Panchayat.
10. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
11. PP should undertake backfilling from the 6th year of mine operation.
12. PP should erect a safety wall all along the ML area.
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.

(Dr. Mohd. Akram Khan, Member)

(Dr. Sonal Mehta, Member)

(Prashant Shrivastava, Member)

(Mohd. Kasam Khan, Member)

(Dr.NavinChandra, 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.
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. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded and in extreme summer season hourly road wetting be done.
11. PP should also maintain a log book containing annual details of tree plantation and casualty replacement.
12. 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 above high flood level and a log book be maintained.
4. The mining activity shall be done manually.
5. Heavy vehicles shall not be allowed on the banks for loading of sand. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded and in extreme summer season hourly road wetting be done.
6. The sand shall be transported by small trolleys up to the main transport vehicle.
7. Transport vehicles will be covered with tarpoline 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.