

The 08st meeting of the Second State Expert Appraisal Committee (SEAC-II) for mining projects was held on 20th February, 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. Shri. Rajendra Kumar Sharma, Member.
2. Dr. Sonal Mehta, Member.
3. Dr. Mohd. Akram Khan, Member.
4. Shri. Prashant Shrivastava, Member.

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

1. **Case No.4184/15 Shri Ranveer Singh R/o Village-Pichhor, District-Shivpuri (MP)-473990. Prior Environment Clearance for approval of Flagstone Quarry in an area of 1.48 ha. (8,000 cum/year) at Khasra No.-358, 359, 360, Village-Gatajhalkui, Tehsil-Khaniyadhana, District-Shivpuri (MP)**

This is case of Flagstone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra No.-358, 359, 360, Village-Gatajhalkui, Tehsil-Khaniyadhana, District-Shivpuri (MP) 1.48 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 RFO. Concerned Mining Officer vide letter no. 1341 dated: 22/09/2015 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein it was observed that as per the Google image based on the co-ordinates provided by the PP, a habitat is located at a distance of 60 meters and similarly it appears that a road is passing through the QL area. Thus committee decided that Tehsildar may be asked to provide comments on these issues.

2. **Case No. 4185/15 Shri Jivan Singh S/o Shri Rameshwar Singh R/o Village-Sindora, Tehsil-Indore, District-Indore (MP)-452002 Prior Environment**

Clearance for approval of Stone Quarry in an area of 0.809 ha. (3,939 cum/year) at Khasra No.-187 (PART), Village-Sindora, Tehsil-Indore, District-Indore (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra No.-187 (PART), Village-Sindora, Tehsil-Indore, District-Indore (MP) 0.809 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 RFO. Concerned Mining Officer vide letter no. 2331 dated: 02/09/2015 has reported that there are 06 more mines operating or proposed within 500 meters around the said mine with total area of 11.51 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 after hearing from PP. A request has to be made by the PP for scheduling the case in coming meetings within a month's time after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

3. **Case No. 4186/15 Shri Abhishek S/o Shri Prakash Chandra Shukla R/o Flat No. 301, Gokul Vihar Apartment, 109, Vidya Nagar, District-Indore (MP)-452001. Prior Environment Clearance for approval of Basalt Stone Quarry in an area of 1.90 ha. (23,742 cum/year) at Khasra No.-16/4 P, Village-Datouda, Tehsil-Mhow, District-Indore (MP)**

This is case of Basalt Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra No.-16/4 P, Village-Datouda, Tehsil-Mhow, District-Indore (MP) 1.90 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 RFO. Concerned Mining Officer vide letter no. 337 dated: 31/03/2015 has reported that there are 02 more

mines operating or proposed within 500 meters around the said mine with total area of 8.90 ha including this mine.

Case was presented by PP and their consultant. During presentation, it was observed that as per the certificate issued by the DFO, Ralamandal Abhayaran is at a distance of 8.5 kms (a Notified PA) Clearance from NBWL is therefore needed. PP has submitted the copy of online application made for wild life clearance with proposal no. FP/MP/MIN/306/2015.

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 Stone as per mine plan with quantity not exceeding 23,742 cum/year.

4. **Case No. 4187/15 Shri Satpal Singh S/o Shri Harvansh Singh R/o 365, Vishnupuri Colony, District-Indore (MP)-452001. Prior Environment Clearance for approval of Basalt Stone Quarry in an area of 3.00 ha. (47,036 cum/year) at Khasra No.-16/2 (ka) & 16/4, Village-Datouda, Tehsil-Mhow, District-Indore (MP)**

This is case of Basalt Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra No.-16/2 (ka) & 16/4, Village-Datouda, Tehsil-Mhow, District-Indore (MP) 3.00 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 RFO. Concerned Mining Officer vide letter no. 339 dated: 31/03/2015 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 8.90 ha including this mine.

Case was presented by PP and their consultant. During presentation, it was observed that as per the certificate issued by the DFO, Ralamandal Abhayaran is at a distance of 8.5 kms (a Notified PA) Clearance from NBWL is therefore needed. PP has submitted

the copy of online application made for wild life clearance with proposal no. FP/MP/MIN/307/2015.

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 Stone as per mine plan with quantity not exceeding 47,036 cum/year.

5. **Case No. 3541/15 Shri Aganjet Ghai, M/s Shardha Stone Crusher, Lal Khothi, Deviji Mandir Road, Maihar, District-Satna (MP)-485771. Prior Environment Clearance for approval of Stone Quarry in an area of 2.00 ha. (17,100 cum/year) at Khasra No.-1022/1, 1022/2, 1021, 1023, Vill.-Bathiya, Teh.-Maihar, District-Satna (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra No.-1022/1, 1022/2, 1021, 1023, Vill.-Bathiya, Teh.-Maihar, District-Satna (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 RFO. Concerned Mining Officer vides letter no. 544 dated: 19/5/2015 has reported that there is no more mines operating or proposed within 500 meters around the said mine.

The case was discussed earlier in the 234th SEAC meeting dated 30/10/2015 wherein during presentation; it was observed that mining officer in his certificate said that there is no mine within 500 meters. But as per the co-ordinates provided by PP, Google image indicates that many other mines are in nearby area. PP informed that these all are illegal mining carryout by the nearby villagers. Committee after deliberations decided that SEAC secretariat may write a letter to Mining Officer for confirmation of certificate issued by him.

PP has submitted response to the above query vide letter dated 15/12/2015 and the same was placed before the committee in the 256th SEAC meeting dated 03/01/2016

for scrutiny and necessary comments. Committee after deliberations decided that since the information from MO is submitted, PP may be called for the presentation.

The case was presented by the PP and their consultant wherein it was observed that mining officer vide letter no. 2073 dated 23/12/2015 has submitted that there are 8 mines within 500 meters which are closed and non-operational and no mining operations are carried out in these mines.

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 Stone as per mine plan with quantity not exceeding 17,100 cum/year.

6. Case No. – 3155/2015 Shri Subhas Chandra Jain, 100, Subhash Nagar, Ratlam (M.P.)-457001. Stone Quarry Lease Area - 1.50 (Capacity - 6,840 cum/year) at Khasra No.-136/1/1/1, Vill.-Banjal, Teh.-Ratlam, Dist-Ratlam (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.-136/1/1/1, Vill.-Banjal, Teh.-Ratlam, Dist-Ratlam (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 RFO. Concerned Mining Officer vide letter no.495, dated: 9/4/2015 has reported that there are 17 more mines operating or proposed within 500 meters around the said mine with total area of 16.30 ha including this mine.

The case was earlier discussed in the 225th SEAC meeting dated 17/09/2015 wherein after deliberations committee observed that:-

1. This is an existing mine and same facts are not shown in the surface plan.
2. 7.5 meter safety buffer zone is not left in the approved mine plan.
3. Presence of schedule animal in the approved mine plan.

With the above discrepancies, appraisal was not possible and the case was sent back to SEIAA for delisted and the same was delisted in the 247th SEIAA meeting. The PP has submitted the surface plan and other informations and thus the case was relisted and file was sent for reappraisal by SEIAA vide letter no. 10202 dated 02/01/2016

The case was presented by the PP and their consultant wherein committee observed that desired modifications are not made by the PP in the mine plan wrt the deduction in volume when leaving 7.5 meter buffer zone and thus PP should submit revised mine plan through SEIAA.

7. Case No. - 3882/15 Shri Upendra Suryawanshi S/o Shri N.P. Suryawanshi, Chandrashekhar Ward, Tikri Link Road, Sadar, District-Betul (MP)-460001 Prior Environment Clearance for approval of Stone Quarry in an area of 0.450 ha. (3,000 cum/year) at Khasra No.-413/3 Part, Vill.-Ambada, 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 at Khasra No.-413/3 Part, Vill.-Ambada, Tehsil-Amla, District-Betul (MP) 0.450 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 RFO. Concerned Mining Officer vide letter no. 1152 dated: 13/8/2015 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of 1.115 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 after hearing from PP. A request has to be made by the PP for scheduling the case in coming meetings within a month's time after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

8. Case No. 3356/15 Smt. Sangeeta Saraf w/o Shri Manoj Saraf, E-2/161, Arera Colony, District-Bhopal (MP)-462044. Prior Environment Clearance for approval of Basalt Stone Quarry in an area of 2.40 ha. (24,000 cum/year) at Khasra No.-148 at Vill.-Chapri, Teh.-Huzur, District-Bhopal (MP)

This is case of Basalt Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra No.-148 at Vill.-Chapri, Teh.-Huzur, District-Bhopal (MP) 2.40 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 RFO. Concerned Mining Officer vide letter no. 2273 dated: 01/09/2015 has reported that there are 04 more mines operating or proposed within 500 meters around the said mine with total area of 7.81 ha including this mine.

The case was presented by the PP and their consultant and during scrutiny of documents it was observed that PP so far has not produced the copy of approval letter issued by the mining department for the approval of mine plan as desired by the letter no. 1122/PS/MS/ MPPCB/SEAC/15bhopa, dated 08/08/2015. PP was asked to submit above information within 15 days.

9. Case No.4196/15 Shri Madan Mohan Pandey S/o Shri Jagannath Prasad Pandey R/o Rampur, Tehsil-Gunnor, District-Panna (MP)-488001. Prior Environment Clearance for approval of Flagstone Quarry in an area of 1.200 ha. (3,600 cum/year) at Khasra No.- 101, Village-Jaitpura, 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 at Khasra No. - 101, Village-Jaitpura, Tehsil-Pawai, District-Panna (MP) 1.20 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 RFO. Concerned Mining

Officer vide letter no. 1605 dated: 11/08/2015 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 3.850 ha including this mine.

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 Flagstone as per mine plan with quantity not exceeding 3,600 cum/year.

10. Case No.4198/15 Shri Om Prakash Khatri, M/s Shree Sharda Maa Concrete Udyog R/o Ganesh Colony, Kautara, District-Banda (UP)-210001. Prior Environment Clearance for approval of Stone Quarry in an area of 3.536 ha. (20,000 cum/year) at Khasra No.-1945, Village-Prakash Bamhori, Tehsil-Gaurihar, 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.-1945, Village-Prakash Bamhori, Tehsil-Gaurihar, District-Chhatarpur (MP) 3.536 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 RFO. Concerned Mining Officer vide letter no. 868 dated: 29/07/2015 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of 4.168 ha including this mine.

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 Stone as per mine plan with quantity not exceeding 20,000 cum/year.

11. Case No.4199/15 M/s pandey Stone Crusher, Shri Rakesh Pandey R/o Katni Road, P.O. Maihar, Distt- Satna (M.P)-485771 Prior E. C for approval of Stone Quarry in an area of 1.98 ha. (1, 15,000 TPA) at Khasra No. - 52P, Village- Silauti, Teshil – Maihar, Distt. Satna (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra No. - 52P, Village- Silauti, Teshil ó Maihar, Distt. Satna (MP) 1.98 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 RFO. Concerned Mining Officer vide letter no. 1287 dated: 24/08/2015 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine with total area of 5.063 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 after hearing from PP. A request has to be made by the PP for scheduling the case in coming meetings within a month's time after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

12. Case No.4200/15 Shri Satish Kumar Mishra S/o Shri Ramkalish Mishra R/o Village Pipra, Post Nodiya, Tehsil – Maunganj, Distt. Rewa – (M.P.). Prior Environment Clearance for approval of SandStone Quarry in an area of 1.214 ha. (4,536 cum/year) at Khasra No.-429/1 Village- Sitapur, Teshil – Maunganj, Distt. Rewa (MP)

This is case of SandStone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra No.-429/1 Village- Sitapur, Teshil ó Maunganj, Distt. Rewa MP) 1.214 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 RFO. Concerned Mining

Officer vide letter no. 1753 dated: 28/09/2015 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant and during presentation PP was unable to explain the management of mine waste water discharge. The committee after deliberations instructed PP to submit a detailed plan for management of mine waste water.

13. Case No.4210/15 Shri Lokesh Sikrodiya S/o Shri Babulal Sikrodiya Old AB Road, Old Bus Stand, Pachore, Rajgarh (M.P.) – 465 683 Prior Environment Clearance for approval of Stone Quarry and Murrum in an area of 2.0 ha. (Stone – 5,700 cum/year and Murrum – 570 Cum/Year) at Khasra no.-54/2 Village - Pachore, Teshil –Pachore, Distt- Rajgarh (M.P.)

This is case of Stone Quarry and Murrum. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra no.-54/2 Village - Pachore, Teshil óPachore, Distt- Rajgarh (M.P.) 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 RFO. Concerned Mining Officer vide letter no. 859 dated: 21/10/2015 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 5.50 ha including this mine.

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 Stone Quarry and Murrum as per mine plan with quantity not exceeding 5,700 cum/year and 570 cum/Year.
- An Industrial unit is located approx. 450 mts away from the QL area. Thus a barrier wall of 3 m high of suitable material may be provided towards unit side.

14. Case No.4209/15 Smt. Madhu Panse w/o Shri Sukhdev Panse, Mukam Post-Mangona Kalan, Tehsil-Multai, District-Betul (MP)-460001. Prior Environment

Clearance for approval of Stone Quarry in an area of 0.50 ha. (3,420 cum/year) at Khasra no.-91/1, Village-Borgaon/Shegarh, Tehsil-Multai, District-Betul (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra no.-91/1, Village-Borgaon/Shegarh, Tehsil-Multai, District-Betul (MP) 0.50 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 RFO. Concerned Mining Officer vide letter no. 1462 dated: 7/10/2015 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein during presentation it was observed that only three co-ordinates are provided in MP and on the basis of provided co-ordinates and shape of QL area is not matching with the Khasra map. Thus PP was asked to provide all the co-ordinates of the QL area duly authenticated by the competent authority.

15. Case no. 484/2009 M/s Agarwal & Singh Mineral PP Shri Upendra Singh c/o 48, Prabhat Vihar Colony, Distt.-Satna (M.P) 485001. Dhari No. 1, Ochre, White Clay and laterite Mine at village Dhari No. 1 Tehsil Beohari Distt. Shahadol Area - 46.76 Ha, Prod. Cap- 1800 T/Y. (TOR)

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 after hearing from PP. A request has to be made by the PP for scheduling the case in coming meetings within a month's time after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

16. Case No.4426/15 M/s Jeevan Lime Chemicals Pvt. Ltd., Shri Mayank Gugalia R/o Industrial Area, Katni, Distt-Katni (M.P)-483501. Prior Environment Clearance for approval of JARIYARI Laterite & Bauxite Mine in an area of 4.00 ha. (28431TPA) at Khasra no.-647, Village-Jariyari, Tehsil-Maihar, District-Satna (MP) (CONSULTANT: M/s Creative Enviro Services, Bhopal)

This is case of JARIYARI Laterite & Bauxite Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra no.-647, Village-Jariyari, Tehsil-Maihar, District-Satna (MP) 4.00 ha. The project requires prior EC before commencement of any activity at site.

Water requirement

S. No.	Head	Quantity
1.	Dust suppression	2.0 kld
2.	Green belt	1.0 kld
3.	Domestic	1.0 kld
	Total	4.0 kld

Conceptual Land use

At the end of conceptual period the total area will be developed 4.0 ha. at a depth of 10m point wise details of conceptual mining plan as on survey date are given as follows:

S. No.	Head	At Present in ha	At the end of 5 years in ha	At the end of conceptual period in ha
1.	Total area excavated (broken)	0	0.243	3.3775
2.	Area fully mined out (out of 1)	0	0.243	3.3775
3.	Area fully reclaimed (back filled)	0	0.12285	0.4725
4.	Area covered by waste dump	0	0.0126	0
5.	Area covered by plantation	0	0.045	0.4725
6.	Area under road	0	0.031	0.031
7.	Virgin area	4.0	3.545	0.119
8.	Total area	4.0	4.0	4.0

The case was presented by the PP and their consultant and it was reported that the data collection has been started from January 2016. It being a case of major mineral, it was decided to consider this case as B-1 category and committee recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TORs:-

1. Inventory of operating / proposed mines within 2 Km around the said mine.
2. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
3. Evacuation Plan on a map to be provided with transport route, required infrastructure and man-power.
4. Details of approach road from the main road to the ML area should be discussed in the EIA.
5. Fresh DFO certificate should be submitted with the EIA report as distances are not mentioned in the submitted certificate.

17. Case No.4451/15 Shri Vinod Khedi R/o MIG-34, Near Desent School, Behind Circuit House, Pathapur Road, District-Chhatarpur (MP)-471001. Prior Environment Clearance for approval of Granite Quarry in an area of 4.00 ha. (2,000 cum/year) at Khasra No. – 28/1, Village-Silpatpura, Tehsil-Lavkush Nagar, District-Chhatarpur (MP) (TOR)

This is case of Granite Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra No. 28/1, Village-Silpatpura, Tehsil-Lavkush Nagar, District-Chhatarpur (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 RFO. Concerned Mining Officer vide letter no. 1370 dated: 23/10/2015 has reported that there are 04 more mines operating or proposed within 500 meters around the said mine with total area of 47.00 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 after hearing from PP. A request has to be made by the PP for scheduling the case in coming meetings within a month's time after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

18. Case No.4584/15 Shri Anil Paliwal, Partner, M/s Hina Marble R/o, 54, Ginnori Road, Near Kamla Park, Bhopal (MP)-462001. Prior Environment Clearance for approval of Marble Mine in an area of 1.00 ha. (927 cum/year) at Khasra No.-927, Village-Nimas, Tehsil-Bahoriband, District-Katni (MP)

This is case of Marble Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra No.-927, Village-Nimas, Tehsil-Bahoriband, District-Katni (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 RFO. Concerned Mining Officer vide letter no. 3700 dated: 7/9/2015 has reported that there are 05 more mines operating or proposed within 500 meters around the said mine with total area of 16.35 ha including this mine.

Environment setting

Particulars	Details
Latitude & Longitude	23°35'58.74" North 80°11'1.44" East
Co-ordinate	1. 23°35'58.74"N - 80°11'3.17"E 2. 23°35'59.65"N - 80°11'10.36"E 3. 23°35'58.39"N - 80°11'10.14"E 4. 23°35'57.44"N- 80°11'2.60"E
Height above mean sea level	444
Nearest City	Katni - 32.50 Km
Nearest Railway Station	Dundi -5.75 Km
Nearest Airport	Jabalpur ó 48.25km
Nearest Highway	Jabalpur to Varanasi (NH-7) ó 2.25 km - SE
Nearest Village	Nimas - 1.50 km - NW
Hills/Valley	None within 10 km radius

Ecological Sensitive Zone within 10km radius	None within 10 km radius
Reserve Forest	Jhujhawal RF - 4km - NNW Amoch RF - 0.70 km - E
Historical Place	None in 10 km radius
Nearest River/ Nalla	Chhapra Water Pond ó 3.50 km ó SE

Sailent feature of the lease area

Particulars	Details
Type of Mine	Open Cast
Mining Lease Area	1.0 ha
Existing Pits & Quarries	0.5374 ha
Existing Dumps	Nil
Infrastructure and road	0.05ha
Mineral Storage	Nil
Plantation	Nil
Total Movable Reserve	87700 cum
Method of mining	FM (Wire saw method)
Ultimate Depth of Mining	32 m bgl
Expected Life of Mines	95 years
Lease Period	30 year upto 2034
Stripping Ratio	1:0.30
Existing mode to transportation	Road
Area to be covered under dumps in proposal period	0.0667 ha
Area covered under pit in conceptual period	0.9513 ha
Area to be reclaimed by conceptual period	Nil
Area to be rehabilitated by afforestation in conceptual period	0.50 ha (Outside of lease area)
Area to be covered under water reservoir	0.50 ha
Ground water table	

Monsoon period	50m bgl
Dry month	55m bgl
Assumed per day production in T	3 cum
Per day dumper requirement with capacity	1 dumpers, capacity of dumper – 10 cum

GEOLOGY OF THE MINE

Existing quarry lease area is very gentle rolling type of marble rocks. The upper surface of the marble shows the elephant skin weathering effect and the interstitial soil penetration is seen in the marble mining.

	QUARRY NO.I
Size in m	163x38x32m
Lithology	Avg. 6.0m thickness of soil/Weathered marble 26m Marble Base not known
Granularity	Crystalline Metamorphosed Marble
Colour	Beize to grayish pinkish brown color
Block mining availability	Available

Mining Method

- Opencast FM Method of Mining was being operated for present production by using tools such as fixed crane, wire saw, drilling machine etc. The same method shall be adopted for further operation.
- Right from mines opening date 0.5374ha area has been excavated with 4-32 m depth and at the end of conceptual period about 0.9513ha will be excavated upto 32m depth
- Waste material in the form of lateritic soil and unsized block with weathered material, will be generated. It will be about 30 % by volume. Thus recovery percentage of mineral will be 70 % of ROM.
- Mobile crane is being used for loading of the block of Marble. Dumper and loader is being used for hauling of OB and same practice shall be followed in future also.

Existing and proposed land use plan

Items	Existing	At the end of conceptual period
Total lease area	1.0 ha	
Total minable reserve	87700 cum	
Ultimate depth of mining	412 mRL (32m bgl)	412 mRL (32m bgl)
Area under dumps	Nil	Nil
Area under pits	0.5374 ha	0.9513 ha
Afforestation	Nil	0.50ha (outside of lease area)
Road	0.05ha	0.05ha
Infrastructure	Nil	Nil
Area fully rehabilitated through water body	0.10ha	0.50ha

The case was presented by the PP and their consultant and requested that their project be considered as B-2 category for following reasons:-

1. The mine area is only one ha and total 06 numbers of mines are located in 500 meters with total area of 16.35 ha.
2. The production volume is very less ie 927 cum/year.
3. Being Marble query, no blasting is proposed thus no ground vibrations are envisaged.
4. No environmental sensitive issues are observed which may be affected by the virtue of marble mining.
5. The nearest habitation is 1.5 Kms away.
6. No first order stream is passing through the lease area.
7. No ground water interaction is envisaged from the proposed mining hence no impact on hydro-geological aspects.

The committee after presentation decided that on the basis of above submission, PP should submit a comprehensive EMP through QCI/NABET **accredited** consultant addressing following issues:-

- a. Management and disposal plan of OB.
- b. Surface plan showing location and size of settling tanks and garland drains.
- c. Transportation and evacuation plan of minerals considering production volume of all the mines within 500 meters radius.

19. Case No.4609/15 Shri Suresh Choudhary S/o Shri Raghunath Choudhary c/o M/s Gayatri Udyog, Indore Road, At & Post-Barwaha, District-Khargone (MP)-451115. Prior Environment Clearance for approval of Dolomite Mine in an area of 4.047 ha. (19,900 cum/year) at Khasra No.-6/1, 6/8, 6/9, 38/1, Village-Karyamal, Tehsil-Barwaha, District-Khargone (MP)

This is case of Dolomite Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra No.-6/1, 6/8, 6/9, 38/1, Village-Karyamal, Tehsil-Barwaha, District-Khargone (MP) 4.047 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 RFO. Concerned Mining Officer vides letter no. 78 dated: 15/7/2015 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 after hearing from PP. A request has to be made by the PP for scheduling the case in coming meetings within a month's time after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

20. Case No.4646/15 Shri Sarvesh Pratap Singh R/o Village & Post-Janardanpur, Tehsil-Rampur Baghelan, District-Satna (MP)-485001 Prior Environment Clearance for approval of Ramnagar Laterite and Limestone Mine in an area of 4.85 ha. (43,875 TPA) at Khasra No.-1289/1, Village-Ramnagar, Tehsil-Rampur Baghelan, District-Satna (MP) (TOR)

This is case of Ramnagar Laterite and Limestone Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra No.-

1289/1, Village-Ramnagar, Tehsil-Rampur Baghelan, District-Satna (MP) 4.85 ha. The project requires prior EC before commencement of any activity at site.

The case was presented by the PP. It being a case of major mineral, it was decided to consider this case as B-1 category and committee recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TORs:-

1. Inventory of operating / proposed mines within 2 Km around the said mine.
2. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
3. Evacuation Plan on a map to be provided with transport route, required infrastructure and man-power.
4. Any alternate route avoiding the nearby habitations.
5. Compliance of consent conditions of M. P. Pollution Control Board from concerned Regional officer.

21. Case No.4329/15 Shri Ajay Singh, M/s Jatashankar Marble Pvt. Ltd., R/o Ganesh Villa, 153, Sector-46, Faridabad (Haryana)-121003. Prior Environment Clearance for approval of Granite Quarry in an area of 4.529 ha. (24,000 cum/year) at Khasra no.-371/1, 373, 375, 377, 378, Village-Kesripura, Tehsil-Lavkush Nagar, District-Chhatarpur (MP)

This is case of Granite Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra no.-371/1, 373, 375, 377, 378, Village-Kesripura, Tehsil-Lavkush Nagar, District-Chhatarpur (MP) 4.529 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 RFO. Concerned Mining Officer vide letter no. 1280 dated: 15/10/2015 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine with total area of 18.597 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 after hearing from PP. A request has to be made by the PP for scheduling the case in coming meetings within a month's time after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

(Dr. Navin Chandra, Chairman)

(Rajendra Kumar Sharma, Member)

(Dr. Mohd. Akram Khan, Member)

(Dr. Sonal Mehta, Member)

(Prashant Shrivastava, Member)

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/Murram 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.
11. PP should also maintain a log book containing annual details of tree plantation and causality 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.
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.