

The 06th meeting of the Second State Expert Appraisal Committee (SEAC-II) for mining projects was held on 18th 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. 4147/15 Smt. Suchitra Agrawal w/o Shri Manoj Agrawal, Resi-Maa Gayatri Hardware, Sadar Bazar, Pachore, District-Rajgarh (MP)-465683 Prior Environment Clearance for approval of Stone & Murram Quarry in an area of 1.00 ha. (Stone-6,745 & Murram-665 cum/year) at Khasra No.-1501/2, 1503, Village-Talen, Tehsil-Pachore, District-Rajgarh (MP)

This is case of Stone & Murram Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra No.-1501/2, 1503, Village-Talen, Tehsil-Pachore, District-Rajgarh (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 vides letter no. 590 dated: 17/7/2015 has reported that there is no more mines operating or proposed within 500 meters around the said 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 as per mine plan with quantity not exceeding for Stone 6,745 Cum/Year and for Murram 665 cum/year.

2. Case No. 4148/15 Shri Bhagirath Nagar S/o Shri Trilok Chandra Nagar, Village & Post-Bordikalan, Tehsil-Ichhawar, District-Sehore (MP)-466115 Prior Environment Clearance for approval of Basalt Stone & Murram Quarry in an area of 2.023 ha. (Basalt Stone-13,063 cum/year & Murram-1188 cum/year) at Khasra No.-357/3, Village-Bordikalan, Tehsil-Ichhawar, District-Sehore (MP)

This is case of Basalt Stone & Murram Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra No.-357/3, Village-Bordikalan, Tehsil-Ichhawar, District-Sehore (MP) 2.023 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and RFO. Concerned Mining Officer vide letter no. 3170 dated: 01/10/2015 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of 4.023ha including this mine.

The case was presented by the PP and their consultant and during presentation it was observed that proper budgetary allocations are not proposed by the PP in EMP submitted with the proposal. The committee after deliberations decided that PP should be asked to submit enhanced budgetary provisions for environmental management for the QL and its surrounding area. PP was also asked to submit all the co-ordinates of the site duly authenticated by the concerned authority to ascertain the environmental sensitive issues around the ML area.

3. Case No. 4149/15 Smt. Sunita Thakur w/o Shri Rajendra Singh Thakur C/o Ashutosh General Stone, Udainiya Colony, Kannod Road, Ashta, Sehore (MP)-466221. Prior Environment Clearance for approval of Stone Quarry in an area of 2.00 ha. (9,000 cum/year) at Khasra No.-535/1, Village-Bager, Tehsil-Ashta, District-Sehore (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra No.-535/1, Village-Bager, Tehsil-Ashta, District-Sehore (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 vide letter no.

2901 dated: 8/9/2015 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 it was observed that:-

1. The shape of the QL area is not matching with the Khasra map as per the Google image based on the co-ordinates provided by the PP. The PP was asked to submit correct co-ordinates of the Ql area duly verified by the competent authority.
2. Proper budgetary allocations are not proposed by the PP in EMP submitted with the proposal. The PP was asked to submit enhanced budgetary provisions for environmental management for the QL and its surrounding area.

4. Case No. 4150/15 Shri Sanjay Karanjkar, Assistant Manager, M/s A.T.R. Infra Project Pvt. Ltd., Flat No. 10, 2nd Floor, Rameshwar Apartment, Near Ashoka Tower, Nasik (MH)-422011 Prior Environment Clearance for approval of Stone Quarry in an area of 1.00 ha. (9,120 cum/year) at Khasra No.-409/7/2, Village-Khokhara, Tehsil-Malhargarh, District-Mandsaur (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra No.-409/7/2, Village-Khokhara, Tehsil-Malhargarh, District-Mandsaur (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. 1556 dated: 5/10/2015 has reported that there are 08 more mine operating or proposed within 500 meters around the said mine with total area of 12.750 ha including this mine.

The case was presented by the PP and their consultant and during presentation it was observed that a warehouse is in close proximity of the QL area (80 meters) and national highway is at a distance of > 1.00 Kms.

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 as per mine plan with quantity not exceeding for Stone 9,120 Cum/Year.

5. Case No. 4157/15 Shri Sabir Hussain S/o Shri Fajruddi Hussain, Vill. Pawsar, Tehsil – Hatin, Distt. Palwal (HR.) – 457001 Prior Environment Clearance for approval of Stone Quarry in an area of 2.00 ha. (11400 cum/year) at Khasra no.-147, Village- Abupura Tehsil – Tall, Distt. Ratlam (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra no.-147, Village- Abupura Tehsil ó Tall Distt. Ratlam (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 vide letter no. 673 dated: 7/11/2015 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of 4.00 ha including this mine.

During presentation it was also observed that proper budgetary allocations are not proposed by the PP in EMP submitted with the proposal. The PP was to submit enhanced budgetary provisions for environmental management for the QL and its surrounding area.

6. Case No. 4158/15 Shri Ramjas Vijayvargiya S/o Shri Madanlal Vijayvargiya, 63, Lakkad Pitha, Tehsil & District-Ratlam (MP)-457001 Prior Environment Clearance for approval of Stone Quarry in an area of 2.00 ha. (10,780 cum/year) at Khasra no.-126, Village-Bibdod, Tehsil-Ratlam, District-Ratlam (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra no.-126, Village-Bibdod, Tehsil-Ratlam, District-Ratlam (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 vide letter no. 1315 dated: 9/8/2015 has reported that there are 06 more mines operating or proposed within 500 meters around the said mine with total area of 20.00 ha including this mine.

The case was presented by the PP and their consultant and during presentation it was observed that:-

1. The shape of the QL area is not matching with the Khasra map as per the Google image based on the co-ordinates provided by the PP. The PP was asked to submit all co-ordinates of the QL area duly verified by the competent authority.
2. Proper budgetary allocations are not proposed by the PP in EMP submitted with the proposal. The PP was asked to submit enhanced budgetary provisions for environmental management for the QL and its surrounding area.

7. Case No. 4159/15 Shri Prithviraj Singh S/o Shri Ranjeet Singh Chouhan, Gudiyamata, Tehsil-Garoth, District-Mandsaur (MP)-458001 Prior Environment Clearance for approval of Stone Quarry in an area of 2.00 ha. (18,810 cum/year) at Khasra no.-239/1 MIN-2, village-Manpura, Tehsil-Shamgarh, District-Mandsaur (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra no.-239/1 MIN-2, village-Manpura, Tehsil-Shamgarh, District-Mandsaur (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 vide letter no. 1204 dated: 30/07/2015 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of 4.00 ha including this mine.

The case was presented by the PP and their consultant and during presentation it was observed that:-

1. The shape of the QL area is not matching with the Khasra map as per the Google image based on the co-ordinates provided by the PP. The PP was asked to submit all co-ordinates of the QL area duly verified by the competent authority.

2. Proper budgetary allocations are not proposed by the PP in EMP submitted with the proposal. The PP was asked to submit enhanced budgetary provisions for environmental management for the QL and its surrounding area.

8. Case No. 4160/15 Shri Mohanlal Kumawat S/o Shri Ghasi Ji Kumawat, Shastri Nagar, District-Ratlam (MP)-457001 Prior Environment Clearance for approval of Stone Quarry in an area of 1.00 ha. (2,850 cum/year) at Khasra no.-137, Village-Naamli, Tehsil-Ratlam, District-Ratlam (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra no.-137, Village-Naamli, Tehsil-Ratlam, District-Ratlam (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. 1294 dated: 01/09/2015 has reported that there are 07 more mines operating or proposed within 500 meters around the said mine with total area of 12.00 ha including this mine.

The case was presented by the PP and their consultant and during presentation it was observed that proper budgetary allocations are not proposed by the PP in EMP submitted with the proposal. The committee after deliberations decided that PP should be asked to submit enhanced budgetary provisions for environmental management for the QL and its surrounding area.

9. Case No. 3545/15 Shri Dharmesh Ghai, M/s Ghai Stone Crusher, Lal Khothi, Deviji Mandir Road, Maihar, District-Satna (MP)-485771. Prior Environment Clearance for approval of Stone Quarry in an area of 1.833 ha. (11,400 cum/year) at Khasra No.-82, 83, 84, Vill.-Barhiya, 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.-82, 83, 84, Vill.-Barhiya, Teh.-Maihar, District-Satna (MP) 1.833 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. 532 dated: 18/5/2015 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.

10. Case No. 4161/15 Smt. Radha Bai Malviya R/o Lalghati, District-Shajapur (MP)-465001. Prior Environment Clearance for approval of Stone Boulder Quarry in an area of 2.00 ha. (11,400 cum/year) at Khasra no.-581, Village-Majhaniya, Tehsil-Shajapur, District-Shajapur (MP)

This is case of Stone Boulder Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra no.-581, Village-Majhaniya, Tehsil-Shajapur, District-Shajapur (MP) 2.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and RFO. Concerned Mining Officer vide letter no. 667 dated: 18/5/2015 has reported that there are 08 more mines operating or proposed within 500 meters around the said mine with total area of 15.150 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 as per mine plan with quantity not exceeding for Stone 11,400 Cum/Year.

11. 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)

This is case of Metal Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is 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 RFO. Concerned Mining Officer vide letter no. 644 dated: 11/5/2015 has reported that there is no mine operating or proposed within 500 meters around the said mine.

During scrutiny of documents it was observed that PP was not carrying authority letter as per SEIAA OM no. 11114 dt. 8/2/16. PP submitted that he was un-aware of this and will submit the same for further consideration of the project.

12. Case No. 4163/15 Shri Sunil Junankar R/o Pandhurna, Tehsil-Pandhurna, District-Chhindwara (MP)-480334. Prior Environment Clearance for approval of Stone Quarry Deposit in an area of 1.00 ha. (2,850 cum/year) at Khasra no.-426/2, 426/4, Village-Wadegaon, Tehsil-Pandhurna, District-Chhindwara (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra no.-426/2, 426/4, Village-Wadegaon, Tehsil-Pandhurna, District-Chhindwara (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. 1944 dated: 10/9/2015 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 it was observed that proper budgetary allocations are not proposed by the PP in EMP submitted

with the proposal. The committee after deliberations decided that PP should be asked to submit enhanced budgetary provisions for environmental management for the QL and its surrounding area.

13. Case No. 4164/15 Shri Rahul Preetnani S/o Dilip Preetnani, B-94, Vijay Nagar, Lalghati, and Bhopal (MP)-462030 Prior Environment Clearance for approval of Stone Quarry in an area of 4.00 ha. (15,000 cum/year) at Khasra no.-609, Village-Pervaliya, Tehsil-Huzur, District-Bhopal (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra no.-609, Village-Pervaliya, Tehsil-Huzur, District-Bhopal (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. 2480 dated: 15/9/2015 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of 5.00 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.

14. Case No. 4165/15 Shri Sanjay Kumar Jain S/o Shri Hasti Mal Jain, Village-Makod, Tehsil-Tarana, and District-Ujjain (MP)-465441. Prior Environment Clearance for approval of Stone Quarry in an area of 2.00 ha. (16,640 cum/year) at Khasra no.-802, Village-Fatehpur Mendki, Tehsil-Agar, District-Agar Malwa (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is Khasra no.-802, Village-Fatehpur Mendki, Tehsil-Agar, District-Agar Malwa (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 vide letter no. 211 dated: 3/06/2015 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.

15. Case No. - 2496/2015 Shri Rajeev Kumar Jaiswal S/o Shri H.S. Jaiswal, Pachmarhi Road, Town & Teh.-Pipariya, Hoshangabad (M.P.) -461881. Murram Quarry Lease Area - 2.299 ha. Capacity- 7,425 cum/year at Khasra No. – 159,151, Vill.-Samnapur, Th.-Pipariya, Dist-Hoshangabad (M.P.)

This is case of Murram Quarry (Opencast Manual Method). The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra No. 159,151, Vill.-Samnapur, Th.-Pipariya, Dist-Hoshangabad (M.P.) 2.299 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. 1814 dated: 24/12/2014 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

Case was presented by PP and their consultant. During presentation, it was observed that as per the certificate issued by the DFO, Satpura Tiger Reserve is at a distance of 7.0 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/577/2016.

The case was presented by the PP and their consultant wherein it was observed that a natural drain is at a distance of approx. 34 meters thus committee decided that a setback of 15 meters be left from the QL area excluding 7.5 meter buffer zone.

It was also observed during presentation that proper budgetary allocations are not proposed by the PP in EMP submitted with the proposal. The committee after deliberations decided that PP should be asked to submit enhanced budgetary provisions for environmental management for the QL and its surrounding area.

16. Case No. 719/12 M/s Bahubali Marbles C/o Shri Yashwant Jain, 1280, Home Science College Road, Nepier Town, Jabalpur. Prior Environmental Clearance for approval of Marble mine 02.06 ha, Production Capacity-45,000MTPA, at Village-Chhapra, Tehsil-Bahoriband, Distt- Katni (M.P) (EIA CONSULTANT- M/s Creative Enviro Services, Bhopal)

This is case of Marble mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Village-Chhapra, Tehsil-Bahoriband, Distt- Katni (M.P) 02.06 ha. The project requires prior EC before commencement of any activity at site.

This is a project pertaining to mining of Marble in MLA of 2.06 ha. The activity is mentioned at S.N. 1 (a) of the Schedule of EIA Notification 2006 as amended from time to time. The project is reported to be at a distance of more than 5 Km from the interstate boundary; thus is not attracted by the general conditions and falls under category -B-1ö by virtue of its location and mining lease area.

Project proponent and his consultant presented the salient features of the project, PFR, baseline data and the findings of EIA report. The presentation and the submissions made by the PP reveals following:

It was submitted that this is a proposed mine having valid lease up to 2012 and Lease is under renewal. The proponent wish to production of 45000 Tonnes per annum. Accordingly the mine plan has been approved.

Environment setting

S. No.	Particulars	Details
1.	Locations	
	Village	Chhapra
	Tehsil	Bahoriband

	District	Katni
	State	MP
2.	Latitude Longitude	23 ^o 35'45.4" North 80 ^o 12'02.1" East
3.	Co-ordinate	1. 23 ^o 35'49.1" N - 80 ^o 12'00.7" E 2. 23 ^o 35'50.6" N - 80 ^o 11'42.2" E 3. 23 ^o 35'48.4" N - 80 ^o 11'52.6" E 4. 23 ^o 35'48.0" N - 80 ^o 11'57.3" E 5. 23 ^o 35'45.7" N - 80 ^o 11'57.0" E 6. 23 ^o 35'45.4" N - 80 ^o 12'02.1" E
4.	General ground level	437m
5.	Nearest National/state Highway	NH-7 - 1.0km - SSE
6.	Nearest Railway Station	Dundi - 4.5 km - SSW
7.	Nearest Airport	Jabalpur - 48.25 km
8.	Nearest Tourist Place within 10km radius.	None
9.	Archaeological Important Place within 10km radius.	None
10.	Ecological Sensitive Areas (Wild Life Sanctuaries) within 10km radius.	None
11.	Reserved / Protected Forest within 10km radius	Jhujhawal RF - 5.km - N Amoch RF - 0.75km - S
12.	Nearest major city with 100000 population within 10km radius	Nil
13.	Nearest Town / City within 10km radius	Salemabad - 6.75km - NE
14.	Nearest Village	Chhapra - 2.75 km - ENE
15.	Nearest River	Katni River - 10.0km - E Baher Nadi - 9.75km - NNE Silipuri Nadi - 6.25km - ESE
16.	Nearest Nalla/water reservoir	Chhapra Tank - 2.25km - NE Local Nalla - 0.25km - S Bah Nalla - 6.5km - SW Canal - 9.5 km - SE Stop Dam - 0.25km - SW
17.	Nearest Hill Ranges	None within 10km radius
18.	Other mines within 500m radius	4
19.	Industry within 10km radius	None

It was reported by the PP that

- The quarry area for subject minerals was granted to M/s Bahubali Marbles in the year 2002 for period of 10 year which is effective from 24.06.2002 to 23. 06.2012. Though The mining lease attract the clause of deemed renewal, but in the absence of consent of air and water it, cannot be operated which shall be issued only after the environment clearance. Hence mining operation is closed since 2012. M/s Bahubali Marbles is a partnership firm and registered address is in-front of Police Kotwali, Raghunathganj, Katni (MP).

- The lease area comes under govt. waste land
- 4 other lease area are located within 500m radius
- The scheme of mining with progressive mine closure plan has been approved by DGM, Bhopal

Sailent feature of the lease area

S. No.	Particulars	Details
1	Type of Mine	Open Cast
2	Mining Lease Area	2.06 Ha
3.	Mineable Area	2.06 Ha
4.	Existing Pits & Quarries	2.0 Ha
5.	Existing Dumps in ML	Nil
6.	Infrastructure and road	0.0658 ha
7.	Mineral Storage	Nil
8.	Plantation	Nil
9.	Recoverable Reserve	830655 mt
10.	Method of mining	Mechanised
11.	Ultimate Depth of Mining	37m bgl (399AMSL)
12.	Ultimate Pit Slope	50-80°
13.	Expected Life of Mines	21 years
14.	Lease Period	20 year up to 2032
15.	Thickness of soil	Nil
16.	Existing mode to transportation	Road
17.	Area to be covered under dumps in conceptual period	Nil
18.	Area covered under pit in lease period	2.0ha
19	Area to be reclaimed by lease period	0.8689ha
20	Area to be covered under plantation by conceptual period	0.85ha
21	Area to covered under water reservoir	1.0ha
22	Average mRL	437m
23	Ground water table	
	Monsoon period	375m AMSL
	Dry month	371m AMSL

Mining Method

- Mining of marble blocks is carried out by making the holes by the LD-4 vertically and horizontally. Then holes are matched for cutting purpose followed by putting of diamond chain in to holes for cutting of blocks.
- The blocks are taken from the mine site for further processing of slab cutting. Hired Truck/dumpers are used for transportation of blocks from mine site. Same method will continue in future also.

- Separate benches will create in both soil with weathered marble and marble. Proposed production for the first bench is assumed to be 90% of sizeable block. Soil and weathered rock will be removed by using excavator with tipper combination & will be dumped in the west part.
- Waste is found in the form of weather fractured rock, jointed and un-sized blocks are found to be 10% by volume and will be dumped year wise in eastern side at extra land.
- During the development and production, the proper shape of pit will be developed and will reach to the RL 399m, while earlier developed RL will be maintained for 408m
- **Settling tank-** Pit-1, is located in western part of lease area, has been converted as settling tank.

Existing and proposed land use plan

Items	Existing	Conceptual period
Total lease area	2.06ha	
Ultimate depth of mining	23-28mbgl	37m bgl
Ultimate pit slope	50-80 degree	50-80 degree
Area under dumps	Nil	Nil
Area under pits	2.0ha	2.0ha
Area to be reclaimed	Nil	0.8689ha
Infrastructure & Road	0.0658ha	Nil
Mineral storage	Nil	Nil
Plantation	Nil	0.85ha
Water body	1.0ha	1.0ha

AIR POLLUTION CONTORL MEASURES

Following measures are suggested to mitigate the impact of mining operation over air environment

- Dust suppression over the haulage roads through water sprinkling on regular basis.
- The approach road is kuchha having length of 1 km from lease area to NH7. No habitations have been observed along this route. Prior to movement of vehicle, water spraying is suggested by tanker fitted tractor by lessee and other mines owners. The frequency may be enhanced in cooperation with other mine owner as the same road is being used by 04 other mine operators.
- Green belt development along the roads (both side 350 trees at each stretch), lease periphery, is strongly recommended to provide a curtain between the boundary and other nearby features.

- Proper maintenance of haulage roads, vehicles and machinery will be carried out in order to control emissions.
- Regular maintenance of village road being used for transportation of mineral up to highway. However it is suggested that the road should be made black topped with the cooperation of other lease operator under CSR programme
- Use of wet drilling and continuous water spraying during use of wire saw and cutting of marble
- Dust mask must be provided to all workers working in dusty atmosphere.
- Fine dust from cutting of marble mining is known as serious occupational hazard for the workers which need special precaution during cutting of marble. Hence Regular health monitoring (once in a year) of workers must be ensured.

WATER POLLUTION CONTROL MEASURES

- There is no water course in the lease area. The main drainage of the area is through seasonal Nalla in south direction at 250m distance. The nalla is seasonal and flowing pattern observed in south west direction. The water table in the lease area varies from 375m RL to 371mRL whereas mining will be done up to 399mRL depth thus ground water table will not be touched during conceptual period. Hence ground water profile will not have any significant impact. During lease period out of 2.0 ha excavated area, 1.0 ha area will be converted as a water reservoir. Accumulated rainwater in the working pit may be used for agricultural purpose through pumping to settling tank.

Following measures will be taken to avoid accumulation of water in lease area:

- Pump having adequate capacity will be installed to lift accumulated rain water from working pit to the settling tank.
- Old Pit No. 1 which is located at North West side of the lease area may be converted as settling tank. Exhausted pit of 1.0 ha will be converted as water reservoir and volume of the reservoir will be 3,70,00 cum
- Garland drain will be made in boundary covering northern, southern and eastern part, western part direction side to prevent siltation in to nalla. Following drain are suggested:
 - Garland drain no.-1 W & S direction measuring 210 mt L X 0.5mt D
 - Garland drain no.2 N & E direction measuring 350 mt L X 0.5mt D
 - Garland drain no.-3 - N direction measuring 110 mt L X 0.5mt D
- ~ All garland drain will be connected to settling tank and water will be used for dust suppression and agricultural purpose.

- “ Quality of water accumulated in the working pit and in settling tank must be checked during pre and post monsoon.
- “ It shall be ensured that silt content in the mines discharge should be kept minimum.
- “ It shall be ensured that quality of drinking water for the worker is hygienic and good sanitation system should be made available.

Number of Settling Pits	Location of settling Pits	Size of settling in m
ST-01	Garland drain-1	5x3x2
ST-02	Garland drain-1	5x3x2
ST-03	Garland drain-1	5x3x2
ST-04	Garland drain-1	5x3x2
ST-05	Garland drain-2	5x3x2
ST-06	Garland drain-2	5x3x2

- É Quality of water accumulated in the working pit and settling tank will be checked during monsoon
- “ It shall be ensured that quality of drinking water for the worker is hygienic and good sanitation system is available

SOLID WASTE MANAGEMENT

- During the past mining period about 86898m³ un-sized blocks mixed with soil has been generated and same has been stack as dump at outside of quarry area.
- During the proposal period about 27165m³ mine waste will be generated and same will be used for backfilling of mined out area of barrier zone.
- Simultaneously backfilling is proposed from 1st year onward at exhausted pit by using existing waste.

Dump no.	Location	Area of dump- m ²	Avg. height of dump- m	Avg. volume of dump -m ³
D1	E (outside of quarry area)	8150	10.66	86898

	(Ha)		(Ha)		(Ha)		(Ha)		(Ha)	
Present	-	-	-	-	-	-	-	-	-	-
1 st to 5th	-	-	0.3	450	-	-	-	-	0.3	450
6 th to mine life	-	-	0.55	750	-	-	-	-	0.55	750
Total	-	-	0.85	1200	-	-	-	-	0.85	1200

The EIA/EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions:

1. Production capacity of Marble shall not exceed 45000 MTPA.
2. Appropriate activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized through Gram Panchayat.
3. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
4. The proposed plantation should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement.
5. Curtaining of site shall be done through thick plantation all around the boundaries of the lease area.
6. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
7. Transportation of material shall be done in covered vehicles.
8. Necessary consents shall be obtained from MPPCB and the air / water pollution control measures have to be installed as per the recommendation of MPPCB.
9. 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.
10. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.

17. Case No.4385/15 Shri Vinod Khedi, M/s Kisan Mineral Pvt. Ltd., 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 0.943 ha. (24,000 cum/year) at Khasra no.-587P, Village-Madwa, 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.-587P, Village-Madwa, Tehsil-Lavkush Nagar, District- Chhatarpur (MP) 0.943 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. 1329 dated: 30/10/15 has reported that there are 05 more mine operating or proposed within 500 meters around the said mine with total area of 24.50 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.4392/15 M/s Kisan Mineral Pvt. Ltd., Shri Vinod Khedi, MIG-34, Near Desent School behind Circuit House Pathapur Road, Distt- Chhatarpur (M.P.)-471001 Prior Environment Clearance for approval of Granite Quarry in an area of 5.00 ha. (24000 cum/year) at Khasra no.- 587P, Village-Madwa, 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 at Khasra no. - 587P, Village-Madwa, Tehsil-Lavkush Nagar, District- Chhatarpur (MP) 5.00 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.1330 dated: 30/10/15 has reported that there are 05 more mines operating or proposed within 500 meters around the said mine with total area of 24.50 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.

19. Case No.4399/15 M/s Kisan Mineral Pvt. Ltd., Shri Vinod Khedi, MIG-34, Near Desent School behind Circuit House Pathapur Road, Distt- Chhatarpur (M.P.)-471001. Prior Environment Clearance for approval of Granite Quarry in an area of 5.794 ha. (24,000 Cum/Year) at Khasra No. 587P, at Village Madwa Teshil- Lavkush Nagar, Distt.-Chhatarpur(M.P.) (TOR)

This is case of Granite Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra No. 587P, at Village Madwa Teshil- Lavkush Nagar, Distt.-Chhatarpur (M.P.) 5.794 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. 1326 dated: 30/10/15 has reported that there are 05 more mines operating or proposed within 500 meters around the said mine with total area of 24.50 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.

20. Case No.4400/15 M/s Kisan Mineral Pvt.Ltd., Shri Vinod Khedi, MIG-34, Near Desent School behind Circuit House, Pathapur Road, Distt-Chhatarpur (M.P.)-471001 Prior

Environment Clearance for approval of Granite Quarry in an area of 2.320 ha. (24,000 Cum/Year) at Khasra No. 587P, at Village Madwa, Teshil- Lavkush Nagar, Distt.-Chhatarpur(M.P.) (TOR)

This is case of Granite Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra No. 587P, at Village Madwa, Teshil- Lavkush Nagar, Distt.-Chhatarpur (M.P.) 2.320 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. 1331 dated: 30/10/15 has reported that there are 05 more mines operating or proposed within 500 meters around the said mine with total area of 24.50 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)