

The 09<sup>st</sup> meeting of the Second State Expert Appraisal Committee (SEAC-II) for mining projects was held on 24<sup>th</sup> 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.4211/15 Shri Sailendra Premchandani S/o Shri S.K. Premchandani, 9, Laxmi Compound, Front of Luvkush Apartment, Idgah Hills, Bhopal (MP)-462030 Prior Environment Clearance for approval of Stone Quarry in an area of 1.50 ha. (3,000 cum/year) at Khasra no.-508, Village-Parwaliya Sadak, 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.-508, Village-Parwaliya Sadak, Tehsil-Huzur, District-Bhopal (MP) 1.50 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 2082 dated: 14/08/2015 has reported that there are 05 more mines operating or proposed within 500 meters around the said mine with total area of 9.073 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.

**2. Case No.4213/15 Smt.Sangita Ojha W/o Shri Rajendra ojha, Shujalpur MAndi, Distt-Shajapur Prior Environment Clearance for approval of Stone Quarry in an area of 2.0 ha. (11520 cum/year) at Khasra no.-105/11, Village- Morta Kevari, Teshil – Shujalpur, Distt. Shajapur (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra no.-105/11, Village- Morta Kevari, Teshil ó Shujalpur, Distt. Shajapur (MP) 2.0 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. 1123 dated: 10/9/2015 has reported that there is 01 more mines operating or proposed within 500 meters around the said mine with total area of 4.0 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 11520 cum/year.

**3. Case No.4214/15 Mr. Mahipal Singh S/o Shri Maansingh Baghel, M.G. Road, Sonkachh, Distt-Dewas M.P.-455118 Prior Environment Clearance for approval of Stone Quarry in an area of 0.390 ha. (6270 cum/year) at Khasra no. – 626 at Village – Sarsoda, Tehsil-Sonkachh, Distt. Dewas (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra no. ó 626 at Village ó Sarsoda, Tehsil-Sonkachh, Distt. Dewas (MP) 0.390 h. 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. 1378 dated: 10/8/2015 has reported that there are 05 more mines operating or proposed within 500 meters around the said mine with total area of 11.478 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 6,270 cum/year.

**4. Case No.4215/15 Shri Rakesh Pal Singh S/o Shri Netra Pal Singh R/o Barapatthar Seoni (M.P.) – 480661 Prior Environment Clearance for approval of Stone Quarry in an area of 2.0 ha. (4275 cum/year) at Khasra no. - 260/1 Part at Village – Gangeruwa, Tehsil & Distt. Seoni (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra no. - 260/1 Part at Village ó Gangeruwa, Tehsil & Distt. Seoni (MP) 2.0 h. 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. 1230 dated: 24/7/2015 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine with total area of 6.90 ha including this mine.

The case was presented by the PP and their consultant wherein during deliberations it was observed that production details are not properly elaborated in the mine plan. The committee after deliberations decided that PP should submit yearwise production and development plan on map duly authenticated by the competent authority.

**5. Case No.- 2313/2014-Shri Ramesh Chandra Patidar S/o Shri Madan Lal Patidar, Vill.- Jamli, Teh.- Mhow, Distt. Indore (MP) Stone Quarry Lease Area – 1.40 ha., at Khasra No.-14/1, 14/4 & 1 at Vill.- Jamli, Teh.- Mhow, Distt. Indore (MP), Capacity – 45,000 Cum/Year.-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.-14/1, 14/4 & 1 at Vill.- Jamli, Teh.- Mhow,

Distt. Indore (MP) 1.40 h. 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. 335 dated: 30/3/2015 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 6.050 ha including this mine. The case was earlier discussed in the 210<sup>th</sup> SEAC meeting dated 25/07/2015.

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 25,000 cum/Year as per mine plan.
- Since the QL area is in close proximity with the warehouse 03 meter high barrier wall of suitable material be provided and only control blasting (NONEL based) should be used.

**6. Case No. – 2326/14 Shri Pawan Mishra S/o Shri Narayan Mishra, Vill.-Badgonda, Teh.-Mhow, District-Indore (MP)-453441 Prior Prior Environment Clearance for approval of proposed Stone Quarry in an area of 4.00 ha. at Khasra No. 286/3 & 285/782 at Village-Badgonda, Tehsil-Mhow, 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. 286/3 & 285/782 at Village-Badgonda, Tehsil-Mhow, District-Indore (MP) 4.00 h. 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. 441 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 11.723 ha including this mine.

The case was presented by the PP and their consultant wherein it was observed that a state highway is passing very close (approx. 30 meters) from the QL area and the lease area is already excavated. As per the rules, minimum distance from state highway should be 100 meters. Thus committee after deliberations decided that PP should submit revised surface map duly approved by the competent authority leaving 70 meters area in QL as setback from State Highway and also indicating the amount of mineral left for evacuation after leaving 70 meters area as setback.

**7. Case No.4223/15 Shri Irfan Baksh S/o Shri Irshad Baksh R/o C/o Shri Yusuf Baksh Nagzhiri, Nagzhiri Ghat Road, Burhanpur (MP)-450445 Prior Environment Clearance for approval of Stone Quarry in an area of 2.00 ha. (6,127 cum/year) at Khasra No.-36, Village-Boharda, Tehsil-Burhanpur, District-Burhanpur (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra No.-36, Village-Boharda, Tehsil-Burhanpur, District-Burhanpur (MP) 2.00 h. 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. 5021 dated: 25/7/2015 has reported that there are 04 more mines operating or proposed within 500 meters around the said mine with total area of 11.10 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.- 2541/2015 Shri Sunil Malvia S/o Shri Shambhu Ram Malvia, Vill. & Teh.- Anjad, Barwani (M.P.)-451556 Prior Environment Clearance for Sanjaway Stone Quarry Lease Area - 1.00 ha., Capacity- 15,000 cum/year at Khasra no.-10/1, Vill.- Sanjaway, Th.-Barwani, Dist- Barwani**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra no.-10/1, Vill.-Sanjaway, Th.-Barwani, Dist-Barwani (MP) 1.00 h. 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. 104 dated: 28/1/2016 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 5.0 ha including this mine.

The case was presented by the PP and their consultant wherein it was observed that the QL area is approx. 300 meters away from the State Highway no. 26 and approx. 650 meters away from the Ranjit Talab.

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 15,000 cum/year as per mine plan.

**9. Case No.4224/15 Smt. Manju Baghel W/o Shri Santosh Baghel R/o Ludharwada, Seoni (MP) Prior Environment Clearance for approval of Stone Quarry in an area of 3.00 ha. (11,400 cum/year) at Khasra No.- 06 part, Village-Gangerua, Tehsil-Seoni, District-Seoni (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra No.- 06 part, Village-Gangerua, Tehsil-Seoni, District-Seoni (MP) 3.00 h. 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. 1284 dated: 06/10/2015 has reported that there are 09 more mines operating or proposed within 500 meters around the said mine with total area of 23.8 ha including this mine.

The case was presented by the PP and their consultant wherein it was observed that mine closure plan is not submitted with mine plan. Thus PP was asked to submit mine closure plan duly approved by competent authority with supplementary information on evacuation plan and enhanced budgetary provisions for environmental management.

**10. Case No.4225/15 Shri Ejaz Baksh S/o Shri Irshad Baksh, Partner, M/s 52 Stone Crushing Industries C/o Shri Yusuf Baksh Nagzhiri, Nagzhiri Ghat Road, Burhanpur (MP) Prior Environment Clearance for approval of Stone Quarry in an area of 2.00 ha. (7,125 cum/year) at Khasra No.- 12, Village-Dongargaon, Tehsil-Burhanpur, District-Burhanpur (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra No.- 12, Village-Dongargaon, Tehsil-Burhanpur, District-Burhanpur (MP) 2.00 h. 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. 5020 dated: 25/7/2015 has reported that there are 05 more mines operating or proposed within 500 meters around the said mine with total area of 09.68 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.

**11. Case No.4226/15 Shri Yusuf Baksh S/o Shri Mohammad Baksh, President, M/s Aadarsh Kaamgar Kaarigar Audyogik Sahkari Samiti C/o Shri Yusuf Baksh Nagzhiri, Nagzhiri Ghat Road, Burhanpur (MP)-450445 Prior Environment Clearance for approval of Stone Quarry in an area of 2.00 ha. (7,125 cum/year) at Khasra No. – 09, Village-Dongargaon, Tehsil-Burhanpur, District-Burhanpur (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra No. 09, Village-Dongargaon, Tehsil-Burhanpur,

District-Burhanpur (MP) 2.00 h. 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. 5019 dated: 25/7/2015 has reported that there are 05 more mines operating or proposed within 500 meters around the said mine with total area of 09.68 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. 3560/15 Shri Bhushan Suri, M/s B.S. Granite, M-17, Gandhi Nagar, District-Gwalior (MP) Prior Environment Clearance for approval of Granite (Road Metal) Quarry in an area of 3.800 ha. (1,25,000 cum/year) at Khasra No.-10, Vill.-Sukhapatha, Teh.-Dabra, District-Gwalior (MP)**

This is case of Granite (Road Metal) Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra No.-10, Vill.-Sukhapatha, Teh.-Dabra, District-Gwalior (MP) 3.800 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 64 dated: 25/07/2015 has reported that there is 04 more mines operating or proposed within 500 meters around the said mine with total area of 12.150 ha including this mine.

The case was presented by the PP and their consultant wherein it was observed that the QL area is approx. 15 meters away from the village kachha road for which committee decided that a setback of 10 meters be left from the QL area.



During presentation it was also 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. 4957/2016 Shri Prabhat Kumar Pathak, Sr. Manager, M/s Dilip Buildcon Limited, Inside Govind Narayan Singh Gate, Chuna Bhatti, Kolar Road, Bhopal (MP)-462016 Prior Environment Clearance for Stone Boulder Quarry in an area of 2.510 ha. (1,00,000 cum/year) at Khasra No. 397/1 at Village-Garhi, Tehsil-Kotma, District-Anuppur (MP) (Priority)**

This is case of Stone Boulder Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is ) at Khasra No. 397/1 at Village-Garhi, Tehsil-Kotma, District-Anuppur (MP) 2.510 h. 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. 5019 dated: 25/7/2015 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

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

- Production of **Stone** as per mine plan with quantity not exceeding 1,00,000 cum/year.
- Being a Temporary Permit (TP) validity of EC should be only upto the validity of TP.
- Approach road from site to the main road will be maintained by the PP.
- It being a case of TP, PP has to ensure the execution of closure plan.

**14. Case No. 4958/2016 Shri Abhishek Singh, Owner, C/o M/s Dilip Buildcon Limited, Inside Govind Narayan Singh Gate, Chuna Bhatti, Kolar Road, Bhopal (MP)-462016 Prior Environment Clearance for Stone Boulder Quarry in an area of 2.00 ha. (14,000 cum/year) at Khasra No. 1032/1 at Village-Dhangawa, Tehsil-Anuppur, District-Anuppur (MP) (Priority)**

This is case of Stone Boulder Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra No. 1032/1 at Village-Dhangawa, Tehsil-Anuppur, District-Anuppur (MP) 2.00 h. 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. 2049 dated: 14/12/2015 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of 5.237 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 14,000 cum/year.

**15. Case No. 4964/2016 Shri Prabhat Kumar Pathak, Sr. Manager, M/s Dilip Buildcon Limited, Inside Govind Narayan Singh Gate, Chuna Bhatti, Kolar Road, Bhopal (MP)-462016 Prior Environment Clearance for Crusher Stone Quarry in an area of 4.50 ha. (1,60,000 cum/year) at Khasra NO. 44/1at Village-Dungariya Khurd, Tehsil-Kotma, District-Anuppur (MP) (Priority)**

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is ) at Khasra NO. 44/1at Village-Dungariya Khurd, Tehsil-Kotma, District-Anuppur (MP) 4.50 h. 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. 1590 dated: 03/12/2015 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

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

- Production of **Stone** as per mine plan with quantity not exceeding 1,60,000 cum/year.
- Being a Temporary Permit (TP) validity of EC should be only upto the validity of TP.
- Approach road from site to the main road will be maintained by the PP.
- It being a case of TP, PP has to ensure the execution of closure plan.

**16. Case No.4768/15 Shri Alok Goenka, Prop., M/s Sukhdev Prasad Goenka, Station Road, District-Katni (MP)-483501 Prior Environment Clearance for Limestone Mine in an area of 1.51 ha. (71,280 TPA) at Khasra No.-63, Village-Badar, Tehsil-Vijraogarh, District-Katni (MP) (TOR) Consultant: Insitu Enviro care, bhopal**

This is case of Limestone Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra No.-63, Village-Badar, Tehsil-Vijaogarh, District-Katni (MP) of 1.51 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.
6. Disposal plan of excess mine water accumulated during rainy season be discussed in the EIA.
7. Necessary DFO certificate of 10 kms distance as submitted certificate is of 05 kms.
8. Top soil management plan be discussed in the EIA.
9. Mineral prospecting report of the ML area be submitted with the EIA report.

**17. Case No. 878/12 M/S Laxmi Marble Industries, R .M. Lohia Ward,8, Satyam Compound, Nadi paar Katni (M.P.) Environment Clearance for production of Marble (21456 cubic Meter/Year) for existing quarry (3.36 Ha) M/s. Laxmi Marble Industries. at Village Chhapra, Tehsil – Bahoriband, Dist Katni (M.P.). (EIA Consultant: Apex Mintech Consultants, Udaipur)**

This is case of Marble Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra No.-168 & 178 in Village Chhapra, Tehsil ó Bahoriband, Dist Katni (M.P.) of 3.36 ha. The project requires prior EC before commencement of any activity at site.

The above project pertains to Chhapra Marble Mine (Khasra No.168 & 178) over an area 3.36 Hectare owned by M/S Laxmi Marble Industries, near village- Chhapra, Tehsil- Bahoriband District-Katni [M.P.]. The proposed production is 21,456 Cum of Marble per annum. TOR was issued vide letter No.35/PS-MS/MPPCB/SEAC/TOR(109)/2013 Dated:- 10.01.2013. The lease area is located about 61.5 Km. North East of Jabalpur and 31.5kms South West of Katni. Village Chhapra is 30.0kms from Katni on NH 7 and the lease area is distance of 1.5kms connected by rural road.

**Life of the mine:**

The expected life of mine is 20 years with proved Marble reserves of 438381Cum . The estimated capital cost for the mining project including utilities off site, auxiliary services etc. is about Rs. 1 Crores.

**Method of mining**

The topography, shallow depth of the marble reserves, nature of intercalated waste, production requirement are the basis to adopt mechanized opencast mining utilizing earth moving machineries like hydraulic shovels, tippers/dumpers/truck trailers, derrick crane/frontend loaders, wire saw machines , air compressors, rock drilling machines, DG set, transformers etc.

**TOPOGRAPHY**

Topography of the area is gentle to moderate undulating rolling topography, having slope towards SE. Highest elevation of the area is 438m situated along the NW boundary of the

area whereas lowest elevation of the area is 433m in SE boundary of the area thus total evaluation difference is of 5m.

The area falls in Narbada River Basin (Hiran River) and all the nallas ultimately merges with river Narbada in the North. The drainage of the area is mainly governed by eastern side nallah which is flowing in southern direction.

### LAND USE PATTERN

S.No.	Particulars	Existing land use pattern	After five years	At the end of Mine Life
1.	Mining Pits	1.53	2.0209	2.8125
2.	Overburden	0.4329	0.59	0.000
3.	Infrastructure	0.0150	0.0150	0.0150
3.	Roads	0.0570	0.0700	0.000
4.	Green Belt **	0.100	0.300	0.600
5.	Water Reservoir **	0.50	0.70	2.011
6.	Reclamation ** (Backfilled)	-	-	0.8015
7.	Total Used Area	2.0349	2.6959	2.8275
8.	Total Unused Area	1.3251	0.6641	0.5325
	<b>Total</b>	<b>3.3600</b>	<b>3.3600</b>	<b>3.3600</b>

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. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
2. All the commitments made in the public hearing are to be complied by the PP.
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. 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.
6. Curtaining of site shall be done through thick plantation all around the boundaries of the lease area.

7. Two additional settling tanks are to be provided in the northern and southern side of the area so that only supernatant mine discharge should meet the nearby natural drain.
8. 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.
9. Production of Marble shall be as per the mining plan with quantity not exceeding 21,456 cubic Meter/Year
10. The proposed plantation should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement.
11. Appropriate activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized through Gram Panchayat.
12. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.

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.

**18. Case No.4231/15 Shri Surendra Kumar Agrawal R/o 1, Civil Line, Katni (M.P.) 483501 Prior Environment Clearance for approval of Dolomite Mine in an area 6.07 ha (Expansion 13,000 TPA to 18655 TPA) at Khasra No. 191 Vill. Magarhata, Teshil – Barwara, Distt. Katni (M.P.) (TOR)**

This is case of Dolomite Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at at Khasra No. 191 Vill. Magarhata, Teshil ó Barwara, Distt. Katni (M.P.) of 6.07 ha. The project requires prior EC before commencement of any activity at site.

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 6.07 ha and no other mines are located in 500 meters.
2. The production volume is only 18655 TPA.
3. Being Dolomite query, only occasional blasting is proposed thus no significant ground vibrations are envisaged.
4. No environmental sensitive issues are observed which may be affected by the virtue of dolomite 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. One month monitoring should be carried out for air, water and noise pollutants.
- c. Transportation and evacuation plan of minerals considering production volume of all the mines within 500 meters radius.
- d. Existing scenario of site should be discussed in the EMP in detail.
- e. EMP should be supplemented by the recent photographs of the site.
- f. Details of existing facilities and machineries available on site should be discussed in the EMP.

**19. Case No. 1705/13 Shri Raghuraj Singh Chourdiya M/s Kandaka Limestone Mines, Rajmandir Complex, Neemuch (M.P.) Environmental Clearance of Kandaka Limestone Mine (5.00 Ha.), Near Vill.- Kandaka, Th.- Jawad, District Neemuch (EIA Consultant: Apex Mintech Consultants, Udaipur)**

This is case of Limestone Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Vill.- Kandaka, Th.- Jawad, District Neemuch. (5.00 Ha.) The project requires prior EC before commencement of any activity at site.

Kandka Limestone Mining project, having a lease area of 5.00ha and situated within Survey No. 142/2, Near village Kandaka, Tehsil- Jawad, District- Neemuch (M.P.) for a targeted annual production of 5,00,000 T. As per EIA notification dated 14 September, 2006, the project falls under category B1 since the interstate boundary of Rajasthan and Madhya Pradesh is at a distance of more than 5.00kms from the project. The EC is required for enhancement of production from 41615.79 TPA to 5,00,000 TPA.

The Mining Lease was granted in favour of Shri Raghuraj Singh Chourdiya, R/o Rajmandir complex, Neemuch, by the Mineral Resource Department, Bhopal, Govt. of Madhya Pradesh, vide letter No. F-3-87/96/12/1, dated 26.09.1998 for a period of 20 years, effective from 24.03.1999 to 23.03.2019.

**Location of the Project:**

State - Madhya Pradesh  
 District - Neemuch  
 Tehsil - Jawad  
 Village - Kandka  
 GT Sheet No. - 45L/14  
 Latitude - 24°32'23.4"N to 24°32'31.1"N  
 Longitude - 74°48'49.8"E to 74°48'57.3"E  
 Nearest Railway Station - Jawad Railway station at a distance of 8.0kms  
 Nearest airport - Dabok (Udaipur) at a distance of 120 Kms  
 Approach route - Cover a distance of 7.5kms from Neemuch on NH-79 (Towards Chittorgarh)  
 NH-79 to Kandka Village is 0.5 Kms (All weather road)  
 Survey No. - 142/2

**Mineable Reserves:**

Category of reserves	Reserves in tonnes
Proved Reserves	23,28,305
Probable Reserves	2,44,725
<b>Total</b>	<b>25,73,030</b>

**Climate:**

Average Rainfall	: 782.4 mm Per Year
Temp. Max.	: 46.7°C to 32.1°C
Temp. Min.	: 18.3°C to -1.1°C
Relative Humidity	: 56% (Average)



**Salient features of the mine:**

Type of mine	:	Opencast Semi mechanized
Mine lease area	:	5.00 Hectare
Acquired land area	:	5.00 Hectare
Mineable Reserve	:	25,73,030 T.
Year wise annual production	:	5,00,000 T.
Present Depth of working	:	480 m AMSL
Ultimate depth of pit	:	445 m AMSL or 35 m BGL
Bench height	:	6.0 m. in mineral
Man power	:	55

**Land use pattern of the study area:**

S. No.	Particulars of Land use	Area in Sq. Km.	Area (%)
1.	<b>Forest Land</b>		
2.	Land Under Cultivation		
	(a) Irrigated land	63.66	20.26
	(b) Un irrigated land	72.57	23.10
3.	Cultivable waste land	64.5	20.53
4.	Area not available for cultivation	113.42	36.10
	<b>Total Area</b>	<b>314.15</b>	<b>100</b>

**Method of Mining:**

**Proposed Mining Method:**

Mining will be done by mechanized opencast method with the help of excavators/loaders and dumpers. Benches of 6m height will be formed. The width of the benches will in no case be less than the height of the benches.

**Drilling/Blasting:**

Drilling is the most important part of mining operation. 102mm dia holes will be drilled and blasted with ANFO mixture.

**Loading:**

Loading of limestone & overburden will be done with excavators in the dumpers.

**Blasting:**

Drilling and Blasting will be done in two phases as the height of bench is double the length of the holes. Max.15 No. of holes per day will be blasted. Blasting will be done in one to two rows per day.

**Life of the Mine:**

Estimated life of the mine is 5 years, based on the targeted production.

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. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
2. All the commitments made in the public hearing are to be complied by the PP.
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. 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.
6. Curtaining of site shall be done through thick plantation all around the boundaries of the lease area.
7. Two additional settling tanks are to be provided in the northern and southern side of the area so that only supernatant mine discharge should meet the nearby natural drain.
8. 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.
9. Production of Lime stone shall be as per the mining plan with quantity not exceeding 5,00,000 TPA.
10. The proposed plantation should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement.
11. Appropriate activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized through Gram Panchayat.
12. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.

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.NavinChandra, 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/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.
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 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.