

MINUTES OF 12<sup>st</sup> MEETING

The 12<sup>st</sup> meeting of the Second State Expert Appraisal Committee (SEAC-II) for mining projects was held on 10<sup>th</sup> March, 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 Anil Sharma, Member.
2. Dr. Mohd. Akram khan, Member.
3. Shri. Prashant Shrivastava, Member.
4. Shri. Mohd. Kasam khan, Member.

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

1. **Case No. - 4932/2016 Shri Sai Industries, Shop No. 3, Bengali Club Market, Jabalpur (MP) Prior Environment Clearance for Laterite, Iron Ore & Manganese Ore Mine in an area of 22.00 ha. (3,00,914 TPA) at Khasra No.-1/1, Village-Dhamdha, Tehsil-Sihora, District-Jabalpur (MP)**

This is case of Laterite, Iron Ore & Manganese Ore Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra No.-1/1, Village-Dhamdha, Tehsil-Sihora, District-Jabalpur (MP) 22.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no.-2103, dated: 16/11/15 has reported that there is 01 more mines operating or proposed within 500 meters around the said mine with total area of 61.44 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.4798/15 Smt. Preeti Thakur, Partner, M/s SBS Stone Crusher R/o Makronia Chouraha, District-Sagar (MP)-470115. Prior Environment Clearance for approval of Stone Quarry in an area of 8.00 ha. (20,444 cum/year) at Khasra No.-32, Village-Shyampura, Tehsil-Sagar, District-Sagar**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra No.-32, Village-Shyampura, Tehsil-Sagar, District-Sagar (MP) 8.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no.1096, dated: 19/08/15 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of 17.00 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.

3. **Case No. - 4975/2016 Shri Shrikant Dixit, Proponent, M/s Diamond Stone Crusher, Village-Kanchanpur, Tehsil-Gunour, District-Panna (MP)-488050. Prior Environment Clearance for Low Grade Lime Stone Quarry in an area of 2.450 ha. (16,815 cum/year) at Khasra No.-3265, 3261/2, 3360/1, 3358, 3357/2, Village-Bilghadi, Tehsil-Gunour, District-Panna (MP)**

This is case of Low Grade Lime Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra No.-3265, 3261/2, 3360/1, 3358, 3357/2, Village-Bilghadi, Tehsil-Gunour, District-Panna (MP) 2.450 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 DFO. Concerned Mining Officer vide letter

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no.2513, dated: 11/12/15 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 5.45 ha including this mine.

The case was scheduled for presentation today but during scrutiny of documents it was revealed that in Form-1, PP has applied for "Low Grade Lime Stone Production - 16815 cum/year" in the name of "Bilghadi Low Grade Lime Stone Query" and similar details are mentioned in PFR submitted by the PP. The competent authority "Director, Geology and Mining, Madhya Pradesh, Bhopal" has sanctioned the lease for "mining of stone" vide letter no. 19646 dated 09/11/2015. PP has informed that it is a case of "stone mining" which is low grade lime stone. The committee after deliberation recommends that PP should revise Form-1 as per the product mentioned in lease sanction letter through SEIAA and case may be sent to SEIAA for clarification on above.

4. **Case No.4411/15 Shri Dharmendra Singh Yadav S/o Shri Harcharan Singh Yadav R/o 10-D, New Vivekanand Colony, Behind Silver Estate, Tehsil & District-Gwalior (MP)-474001. Prior Environment Clearance for approval of Stone Quarry in an area of 2.00 ha. (34,500 cum/year) at Khasra no.-80/3 New survey no.-80, Village-Pachara, Tehsil-Datia (Badoni), District-Datia (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra no.-80/3 new survey no.-80, Village-Pachara, Tehsil-Datia (Badoni), District-Datia (MP) 2.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no.445, dated: 19/08/15 has reported that there are 15 more mines operating or proposed within 500 meters around the said mine with total area of 38.850 ha including this mine.

The case was presented by the PP and their consultant and during presentation it was observed that concerned Mining Officer vide letter no. 445 dated: 19/8/2015 has reported that there are 15 more mines operating or proposed within 500 meters around the said mine with total area of 38.850 ha including this mine. It being a case of cluster where the total area is > 25 ha. it was decided to consider this case as B-1 and committee recommended to issue standard TOR prescribed by MoEF&CC, Delhi.

5. **Case No.4640/15 Shri Neeraj Garg, M/s Ma Vaishno Granite R/o 102, Vinjay Nagar, Sector-1, District-Gwalior (MP)-474003. Prior Environment Clearance for Metal Stone Quarry in an area of 4.90 ha. (60,000 cum/year) at Khasra No.-626, 629, 630, 631, Village-Tatarpur, Tehsil-Bhander, District-Datia (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.-626, 629, 630, 631, Village-Tatarpur, Tehsil-Bhander, District-Datia (MP) 4.90 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 DFO. Concerned Mining Officer vide letter no.380, dated: 13/11/14 has reported that there are 11 more mines operating or proposed within 500 meters around the said mine with total area of 30.240 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.

6. **Case No. 1680/13 M/s Commercial Minerals, Mission Chowk, District Katni (M.P.)-483501. Prior Environment Clearance for approval Limestone Dolomite mine in an area of 2.686 ha. Capacity-40,000 TPA, at Khasra no.-205P.C No.-102, Vill.- - Pipariya, Th.-Sihora, Distt.-Jabalpur (M.P.)**

This is case of Limestone Dolomite mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra no.-205P.C No.-102, Vill. - Pipariya, Th.-Sihora, Distt.-Jabalpur (M.P.) 2.686 ha. The project requires prior EC before commencement of any activity at site.

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

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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.

7. **Case No. 1318/13 Shri Yogesh Khare, Sakin Khare Building, Gandhiganj, Katni (M.P.). Prior Environmental Clearance for Raupond Limestone & Dolomite Mine of 1.870 ha. for Production capacity-24,000 TPA, at Khasra No.-503, at Vill. - Raupond Th.-: Badwara Distt. Katni (M. P.)**

This is case of Limestone & Dolomite Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra No.-503, at Vill. - Raupond Th.-: Badwara Distt. Katni (M. P.) 1.870 ha. The project requires prior EC before commencement of any activity at site.

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.4289/15 Shri Ashok Kumar Goenka R/o Lal Building, Katra Bazar, Bhatta Mohalla, Katni (MP)-483501 Prior Environment Clearance for approval of Lime Stone & Dolomite Mine in an area of 2.68 ha. (36,337 TPA) at Khasra no.-52/2, 77P, 79P, 81P, Village-Bamhangawan, Tehsil-Vijayraghavgarh, District-Katni (MP)**

This is case of Lime Stone & Dolomite Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra no.-52/2, 77P, 79P, 81P, Village-Bamhangawan, Tehsil-Vijayraghavgarh, District-Katni (MP) 2.68 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 FO. Concerned Mining Officer vide letter no. 4255, dated: 5/10/2015 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine with total area of 51.23 ha including this mine. This case was

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scheduled for the presentation in the 11<sup>th</sup> SEAC-II meeting 09/03/2016 but on the request of PP deferred for 12<sup>th</sup> SEAC meeting dated 10/03/2016.

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 TOR:-

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. Minimum six locations be considered for environmental monitoring.
  7. Ground water level be recorded in underground sampling locations.
9. **Case No. 3249/15 Shri Satyendra Singh, OIC, M.P. State Mining Corporation Ltd., 1222/2, Napier Town, Near Fourth Bridge, Jabalpur (MP)-482001. Prior E C for approval of Sand Mining Lease Area - 10.890 ha., Capacity - (50,000 cum/year) at Khasra No.-481, Vill.-Kushali, Teh.-Sahpura, District-Jabalpur (MP)**

This is case of Sand Mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra No.-481, Vill.-Kushali, Teh.-Sahpura, District-Jabalpur (MP) 10.890 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 enclosing the combined NOC issued by collector certifying leases within 1000 meters radius around the site and requisite information in the prescribed format. Concerned Mining Officer vides letter no.-1949, dated: 14/10/15, has reported that there is no more mines operating or proposed within 1000 meters around the said mine.

The case was earlier presented by PP and their consultant in the 243<sup>rd</sup> SEAC meeting dated 07/12/2015 wherein it was observed that as per the image of Google based on the co-ordinates provided by the PP, it is evident that some part of the ML area is still in water and mid stream mining is not allowed. Thus the applied quantity i.e. 3,00,000 cum/year are not possible. The

mining plan therefore needs reassessment of the production capacity based on annual replenishment. The case is therefore deferred till submission of the same through SEIAA.

SEIAA vide letter no. 11449/SEIAA/16 dated 24/02/2016 sent back the file to SEAC for appraisal along with the details of replenishment. During scrutiny of documents it was also observed that PP has revised the mine plan with production capacity of 50,000 cum/year and the same was submitted in SEIAA vide receipt no. 3861 dated 17/12/2015.

The case was earlier presented by PP and their consultant in the 11<sup>th</sup> SEAC-II meeting dated 09/03/2016 wherein it was observed that as per the Google image based on the co-ordinate provided by the PP that more than 50% of the mining lease area is still in water and mid stream mining is not allowed. PP was asked to provide the basis of reserve estimation of 50,000 cum/year when approximately 50% of the mining lease area is submerged in the water along with the last 05 years details of sand evacuation and also the copy of recent order passed by the Hon<sup>ble</sup> NGT which is related to this site. PP asked that they may be given a day's time for providing necessary details. Committee asked PP to come with the above details either tomorrow (i.e. on 10/03/2015) or on any other subsequent meetings of SEAC with above desired details.

PP alongwith their consultant came for the presentation and submitted the desired information before the committee vide their letter dated 10/03/2016. PP submitted that they have re-assessed the sand reserve and as per revised assessment the sand reserve comes to 42,862 cum/year.

On the basis of above committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -B

- Production of Sand as per mine plan with quantity not exceeding 42,862 cum/year.
- District Authority should record the deposition of sand in the lease area at an interval of 100 meters annually in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority may allow lease holder to excavate the replenished quantity of sand in the subsequent year.
- Evacuation of sand should not be allowed through the roads passing through the villages.
- Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.

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- If causeway (Rapta) is required to be constructed for mining. It should be removed completely before rainy season every year.
- The river bank from where access ramps are made should be restored and access should be closed every year before rainy season.
- No diversion of active channel should be allowed for mining.

**10. Case No. – 3131/2015 Shri Satyendra Singh, OIC, M.P. State Mining Corporation Ltd., 1222/2, Napier Town, Near Fourth Bridge, Jabalpur (M.P.)-482001. Sand Mining Lease Area - 8.410 Capacity - 40,000 cum/year, at Khasra no.-151, Vill.-Kheri, Teh.-Sahpura, District-Jabalpur (M.P.)**

This is case of Sand Mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra no.-151, Vill.-Kheri, Teh.-Sahpura, District-Jabalpur (M.P.) 8.410 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 enclosing the combined NOC issued certifying leases within 1000 meters radius around the site and requisite information in the prescribed format. Concerned Mining Officer vide letter no.1940 dated-14/10/15 has reported that there are no more mines operating or proposed within 1000 meters around the said mine.

The case was earlier presented by PP and their consultant in the 253<sup>rd</sup> SEAC meeting dated 18/12/2015 and the recommendations were sent to SEIAA.

SEIAA vide letter no. 11449/SEIAA/16 dated 24/02/2016 sent back the file to SEAC for appraisal along with the details of replenishment.

The case was earlier presented by PP and their consultant in the 11<sup>th</sup> SEAC-II meeting dated 09/03/2016 wherein it was observed that as per the Google image based on the co-ordinate provided by the PP that more than 50% of the mining lease area is still in water and mid stream mining is not allowed. PP was asked to provide the basis of reserve estimation of 40,000 cum/year when approximately 50% of the mining lease area is submerged in the water along with the last 05 years details of sand evacuation and also the copy of recent order passed by the Hon<sup>ble</sup> NGT which is related to this site. PP asked that they may be given a day time for providing necessary details. Committee asked PP to come with the above details either

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tomorrow (i.e. on 10/03/2015) or any other subsequent meetings of SEAC with desired details.

PP alongwith their consultant came for the presentation and submitted the desired information before the committee vide their letter dated 10/03/2016. PP submitted that they have re-assessed the sand reserve and as per revised assessment the sand reserve comes to 29,767 cum/year.

On the basis of above committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -B

- Production of Sand as per mine plan with quantity not exceeding 29,767 cum/year.
- District Authority should record the deposition of sand in the lease area at an interval of 50 meters annually in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority may allow lease holder to excavate the replenished quantity of sand in the subsequent year.
- Evacuation of sand should not be allowed through the roads passing through the villages.
- Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.
- If causeway (Rapta) is required to be constructed for mining. It should be removed completely before rainy season every year.
- The river bank from where access ramps are made should be restored and access should be closed every year before rainy season.
- No diversion of active channel should be allowed for mining.

**11. Case No. 4236/2015 Shri Ashish Singh Thakur, Owner, M/s Bhasin Real Estate Pvt. Ltd., R/o 635, Nepier Town, Jabalpur (MP)-482001. Prior Environment Clearance for approval of Stone Quarry in an area of 1.48 ha. (60,000 cum/year) at Khasra No.-02 part, Village-Manegaon, Tehsil-Jabalpur, District-Jabalpur (MP)**

This is case of **Stone Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-02 part, Village-Manegaon, Tehsil-Jabalpur, District-Jabalpur (MP) 1.48 ha. The project requires prior EC before commencement of any activity at site.

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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.-1754, dated: 16/09/2015 has reported that there are 10 more mines operating or proposed within 500 meters around the said mine with total area of 23.25 ha including this mine.

The case was recommended in the 252<sup>nd</sup> SEAC meeting dated 17/12/2015 wherein it was mentioned that it is a hillock and elevation difference is off approx. 08 meters as the highest elevation is 432 m and lowest elevation is 424 m as per the approved mine plan.

Hydro geological studies are not envisaged in this case because as per the mine plan the ground water table is varying from 50 to 60 mt BGL and proposal is given quite above to the ground water table. Ensuing 5 year and conceptual period, proposal is given up to MRL 406 m which is 32 m above the ground water table. On perusal of file it is observed that it is not a case of TP and collector has allotted this area as QL and due to typographical error TP was mentioned. Thus conditions pertaining to QL will be applicable in this case and the modified recommendations are as below:-

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 60,000 cum/year.

**12. Case No. 4235/2015 Shri Ashish Singh Thakur, Owner, M/s Bhasin Real Estate Pvt. Ltd., R/o 635, Nepier Town, Jabalpur (MP)-482001. Prior Environment Clearance for approval of Stone Quarry in an area of 1.98 ha. (1,06,669 cum/year) at Khasra No.-02, Village-Manegaon, Tehsil-Jabalpur, District-Jabalpur (MP)**

This is case of **Stone Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-02, Village-Manegaon, Tehsil-Jabalpur, District-Jabalpur (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 DFO. Concerned Mining Officer vide letter no.-

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1742, dated: 15/09/2015 has reported that there are 10 more mines operating or proposed within 500 meters around the said mine with total area of 23.25 ha including this mine.

The case was recommended in the 252<sup>nd</sup> SEAC meeting dated 17/12/2015 wherein it was mentioned that it is a hillock and elevation difference is off approx. 20 meters as the highest elevation is 443 m and lowest elevation is 422 m as per the approved mine plan.

Hydro geological studies are not envisaged in this case because as per the mine plan the ground water table is varying from 50 to 60 mt BGL and proposal is given above to the ground water table. Ensuing 5 year and conceptual period, proposal is given up to MRL 383 m which is 09 m above the ground water table. On perusal of file it is observed that it is not a case of TP and collector has allotted this area as QL and due to typographical error TP was mentioned. Thus conditions pertaining to QL will be applicable in this case and the modified recommendations are as below:-

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 1,06,669 cum/year.

**13. Case No. 4240/2015 Shri Gaurav Bhanot, Director, M/s Bhasin Real Estate Pvt. Ltd., R/o 1101, Bhanot House, Gorakhpur, Jabalpur (MP)-482001. Prior Environment Clearance for approval of Stone Quarry in an area of 2.00 ha. (1,15,000 cum/year) at Khasra No.-02 part, Village-Manegaon, Tehsil-Jabalpur, District-Jabalpur (MP)**

This is case of **Stone Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-02 part, Village-Manegaon, Tehsil-Jabalpur, District-Jabalpur (MP) 2.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no.-1752, dated: 16/09/2015 has reported that there are 10 more mines operating or proposed within 500 meters around the said mine with total area of 23.25 ha including this mine.

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The case was presented by the PP and their consultant. During presentation it was observed that it is a hillock and elevation difference is off approx. 03 meters as the highest elevation is 445 m and lowest elevation is 442 m as per the approved mine plan.

Hydro geological studies are not envisaged in this case because as per the mine plan the ground water table is varying from 50 to 60 mt BGL and proposal is given above to the ground water table. Ensuing 5 year and conceptual period, proposal is given up to MRL 395 m which is 03 m above the ground water table. On perusal of file it is observed that it is not a case of TP and collector has allotted this area as QL and due to typographical error TP was mentioned. Thus conditions pertaining to QL will be applicable in this case and the modified recommendations are as below:-

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 1,15,000 cum/year.

**14. Case No. – 2402/15 Shri Ritesh Tuteja S/o Shri Ranveer Singh Tuteja, Village-Bid, Tehsil-Punasa, District-Khandwa (MP)-477116 Stone Quarry in an area of 1.20 ha. (20,000 cum/year) at Village Sivaria, Tehsil-Punasa, District-Khandwa (MP). Applications forwarded by SEAC by SEIAA vide letter no. 3181/SEIAA/15 dated: 19/01/2015.**

This is a case of mining of stone bolder. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Village Sivaria, Tehsil-Punasa, District-Khandwa (MP) in 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 DFO. It was reported by the concerned Mining Officer of mining department vide letter no. 13833 dated 07/01/2014, that no mine is operating / proposed within 500 meter radius around the said mine.

The case was discussed earlier in the 181<sup>st</sup> SEAC meeting dated 27/03/2015 wherein the EMS and other submissions made by the PP were found to be satisfactory and acceptable and committee recommend the case for grant of prior EC.

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The case was again discussed in the 256<sup>th</sup> SEAC meeting dated 03/01/2016 wherein it was recorded that SEIAA vide letter dated 8762 dated 05/12/2015 has sent back the file for conclusive depth of mine and the same was placed before the committee for scrutiny and necessary comments. The committee after deliberations decided that the ultimate depth will be 06 meters and mining will be done only in non excavated area marked as cross section in X ó Xø direction for first year in development plan attached with mine plan and it may further be noted that mine plan was valid up to 19/10/2015.

SEIAA vide letter no. 11064/SEIAA/15 dated 05/02/2016 has sent the revised mine plan duly approved by the competent authority and the case was placed before the committee. On scrutiny of the mine plan it was observed that the plan is approved along with condition that if PP goes beyond 06 meter depth, he will obtain permission from DGMS. The committee after deliberations recommends that since the PP has submitted the revised mine plan, case may be recommended for EC subject to the following special conditions in addition to the standard conditions at annexure -Aø

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

**15. Case No. - 3932/15 Shri Amit Dixit & Shri Jagdish Khiyani, Prop., M/s Om Sai Ram Traders, H.No. 982, Railway Colony, Bairagarh, District-Bhopal (MP)-462030. Prior Environment Clearance for approval of Stone & Murram Quarry in an area of 3.00 ha. (39,330 cum/year Murram first 4 year and 28500 cum/y stone 5<sup>th</sup> year) at Khasra No.-88/1/2 Vill.-Parwaliya Sadak, Tehsil-Huzur, District-Bhopal (MP)**

This is case of **Stone & Murram Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-88/1/2 Vill.-Parwaliya Sadak, Tehsil-Huzur, District-Bhopal (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 DFO. Concerned Mining Officer vides letter no.-2379, dated: 07/09/2015 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was earlier discussed in the 251<sup>st</sup>. SEAC meeting dated 16/12/2-15 wherein the EMS and other submissions made by the PP were found to be satisfactory and acceptable,

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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

1. Production as per mine plan with quantity not exceeding for **Murrum** 39,330 cum/year and **Stone** 28,500 cum/year.
2. A water body is about 50 meters away from the site thus garland drained with settling tank of suitable capacity be provided all around the ML area.

SEIAA vide their letter no. 10745 dated 23/01/2016 has sent back the file for clarification regarding recommended quantity of Stone and Murrum. The case was placed before the committee along with the representation given by the PP bearing receipt no. 3209 dated 14/01/2016. PP through above referred representation mentioned that due to typographical error Stone was mentioned in place of Murrum in mine plan at table 03 page 11. However, the committee reviewed the case with respect to the volume mentioned in the mine plan wherein it was observed that as per the annual production charts from 1st year to Vth year on page no. 10 to 12; the maximum production of Murrum is mentioned as 39,330 cum/year and for Stone 28,500 cum/year (considering the typographical error as submitted by the PP) which is in line with the recommendations made by SEAC earlier. Thus committee decided to stand by its earlier recommendations made in the 251<sup>st</sup>. SEAC meeting dated 16/12/2015.

**16. Case No. 3696/15 Shri Rahul Bhargava S/o Shri Rajendra Bhargava R/o Bhagat Singh Ward, Garhakota, District-Sagar (MP)-470226. Prior Environment Clearance for approval of Stone Quarry in an area of 3.80 ha. (8,000 cum/year) at Khasra No. 69 at Village-Markhera, Tehsil-Deori, District-Sagar (MP).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 69 at Village-Markhera, Tehsil-Deori, District-Sagar (MP) 3.80 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no.-981, dated: 30/09/2015, has reported that there is no more mine operating or proposed within 500 meters around the said mine.

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The case was discussed earlier in the 239<sup>th</sup> SEAC meeting dated 04/11/2015 wherein the case was presented by the PP and their consultant and during presentation it was observed that a natural drain and a river (approx 115 and 400 meters respectively) are in close proximity of ML area but these issues are not addressed properly in the EMP. Thus PP was asked to submit revised EMP addressing above issues with their protection plan.

The case was discussed earlier in the 256<sup>th</sup> SEAC meeting dated 03/01/2016 wherein it was observed that PP has submitted the revised EMP vide inward letter dated 30/12/2015 and the same was placed before the committee. On examination of the EMP it was observed that it is the same EMP which was presented by the PP in the 239<sup>th</sup> SEAC meeting dated 04/11/2015 and PP has not addressed the raised issues. Committee decided to reject this case as PP has not submitted the desired information.

SEIAA vide their letter no. 11220 dated 11/02/2016 has sent back the file for consideration of the project on the revised EMP submitted by the PP on dated 14/12/2015 and the same was placed before the committee alongwith the file. The committee after scrutiny of EMP observed that PP has proposed Garland drains with settling tank for the protection of water bodies and for which budgetary provisions are made in the EMP. Hence committee decided to modify earlier recommendations and recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure A

1. Production of Stone as per mine plan with quantity not exceeding 8,000 cum/year.
2. Natural drain is about 115 meters away from the site thus garland drained with settling tank of suitable capacity be provided all around the ML area.

**17. Case No. 4067/2015 Shri Ramgopal Jayswani S/o Shri Pahuram Jayswani R/o Kalyani Ward Madhav Nagar, Katni, Distt. Katni (M.P.) 483501 Prior Environment Clearance for approval of Sand Quarry Lease Area – 1.50 ha. Capacity – 4,000 Cum/Year at Khasra No. 167 at Village – Choupra, Teshil – Pawai, Distt. Panna (M.P.)**

This is case of **Sand Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 167 at Village ó Choupra, Teshil ó Pawai, Distt. Panna (M.P.) 1.50 ha Ha. The project requires prior EC before commencement of any activity at site.

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PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 1000 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 1720 dated: 26/8/15 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 254<sup>th</sup> SEAC meeting dated 19/12/2015 wherein 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 **Flag Stone** as per mine plan with quantity not exceeding 4,000 cum/year.

SEIAA vide their letter no. 11217 dated 11/02/2016 has sent back the file as the case was appraised as "Sand Mining Quarry" while it is "Flagstone Quarry" for clarification and the same was placed before the committee. On perusal of the minutes of the 254<sup>th</sup> SEAC meeting 19/12/2015 it was observed that the case was appraised as "Flagstone Quarry" and hence the recommendations were also made for grant of EC for ***"Production of Flag Stone as per mine plan with quantity not exceeding 4,000 cum/year"***. However, in the preamble of the case due to typographical error, sand quarry was mentioned which now may be replaced by "Flagstone".

**18. Case No. 3635/15 Shri Avinash Kansana S/o Shri Jaswant Singh Kansana, Shivpuri Road, District-Sheopur (MP)-476337. Prior Environment Clearance for approval of Soil Quarry in an area of 1.453 ha. (900 cum/year) at Khasra No.-238/2, 239/1, 242/3, Village-Raipura, Tehsil-Sheopur, District- Sheopur (MP)**

This is case of **Soil Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located 1.453 ha. at Khasra No.-238/2, 239/1, 242/3, Village-Raipura, Tehsil-Sheopur, District- Sheopur (MP). 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.-Q,

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dated: 06/08/2015, has reported that there is no more mines operating or proposed within 500 meters around the said mine. PP informed that chimney is not proposed in ML area.

The case was discussed earlier in the 237<sup>th</sup> SEAC meeting dated 02/11/2015 wherein 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

1. Production of **Soil** not exceeding 900 cum/year as per mine plan.
2. A village (approx. 100 meters) and village road (approx. 500 meters) from the ML area thus thick plantation should also be carried out towards village & road side.

SEIAA vide their letter no. 10186 dated 02/01/2016 has sent back the file as this is off expansion from capacity of 900 cum/year to 5100 cum/year for re-appraisal and the same was placed before the committee. On perusal of the file it was observed that it's a case of expansion from capacity from 900 cum/year to 5100 cum/year of Soil but due to typographical error the quantity is recommended as 900 cum/year. It was also observed that in the web-site the quantity is also mentioned as 900 cum/year where from the project details are obtained. However, considering the typographical error, committee decided to modify earlier recommendations and recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -A

1. Production of **Soil** as per mine plan with quantity not exceeding 5,100 cum/year.
2. A village (approx. 100 meters) and village road (approx. 500 meters) from the ML area thus thick plantation should also be carried out towards village & road side.

**19. Case No. 3419/15 Shri Antim Kumar Jain S/o Shri Sanat Kumar Jain R/o Tada, Tehsil-Kesli, District-Sagar (MP)-470325 Prior Environment Clearance for approval of Stone Quarry in an area of 2.30 ha. (52,000 cum/year) at Khasra 0.218, Village-Tumri, Tehsil-Kesli, District-Sagar (MP)**

This is case of Stone mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra 0.218, Village-Tumri, Tehsil-Kesli, District-Sagar (MP) 2.30 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

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format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 361 dated: 02/5/2015, has reported that there is no more mines operating or proposed within 500 meters around the said mine.

The case was placed in the 222<sup>ed</sup> SEAC meeting dated 16.10.15 wherein it was observed that PP has submitted the forest certificate signed by the Range Officer. PP was asked to submit forest certificate duly signed by the DFO. PP has submitted response to the above query and the same was placed before the committee for scrutiny and necessary comments. The case was discussed earlier in the 241<sup>st</sup> SEAC meeting dated 06/11/2015 wherein the EMS and other submissions made by the PP earlier 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

1. Production of Stone not exceeding 52,000 cum/year as per mine plan.

SEIAA vide their letter no. 10282 dated 05/01/2016 has sent back the file as production capacity shown in the mine plan is less than 52,000 cum/year quantity and the same was placed before the committee. On perusal of the file it was observed that SEAC has recommended for the production capacity of 52,000 cum/year which was as per the Form-1 and the details mentioned in the web-site. However, on perusal of the mine plan, it was observed that the maximum production capacity mentioned in the 'Year wise Production' is 51,940 cum/year. Thus the committee decided that the recommendation may be revised and 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

1. Production of **Stone** as per mine plan with quantity not exceeding 51,940 cum/year.

**20. Case No. 2086/14 Shri Rajendra Prasad Gupta, Shayam Agrahari, Flat No. F-9, Sterling Enclave-1, A-Sector, Shahpura, Bhopal (M.P.)-462016 Prior Environment Clearance for approval of proposed Balahewa Weathered Phyllite (Boulder Stone) Quarry in an area of 1.25 ha. capacity 7,430 cum/year at Khasra No. 224 at Vill.-Balahewa, Th.-Chitrangi, District-Singrauli (M.P.)**

This is case of Boulder Stone. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 224 at Vill.-Balahewa, Th.-Chitrangi, District-Singrauli (M.P.) 1.25 ha. The project requires prior EC before commencement of any activity at site.

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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. 1203 dated: 29/08/2014 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was earlier recommended for EC in the 260<sup>th</sup> SEAC meeting dated 07/01/2016 wherein in the EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure :-Aø

- Production of Boulder Stone as per mine plan with quantity not exceeding 7430 cum/year.
- A village road is about 40 meters away from the ML area thus additional row of plantation should be provided towards road side.
- A natural drain is about 60 meters away from the site thus garland drain with settling tank of suitable capacity be provided all around the ML area.

The SEIAA vide their letter no. 11593/SEIIA/16 dated 26/02/2016 have sent the above file back to SEAC stating that *“the site location is 7.5 kms from Son Ghariyal Sanctuary and therefore it should have been mentioned in the SEAC minutes”*. The above letter along with case file was placed before the committee. The committee re-appraised the case and observed that as per the certificate issued by the DFO vide letter no. 2053 dated 26/06/2013, Son Ghariyal Sanctuary is at a distance of 7.5 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/QRY/257/2015 and date of submission is 19/10/2015. The committee after deliberations decided to modify earlier recommendations and the recommend the case for EC subject to the following special conditions in addition to the standard conditions at annexure :-Aø

- Production of Boulder Stone as per mine plan with quantity not exceeding 7430 cum/year.
- A village road is about 40 meters away from the ML area thus additional row of plantation should be provided towards road side.
- A natural drain is about 60 meters away from the site thus garland drain with settling tank of suitable capacity be provided all around the ML area.

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- The grant of Environmental Clearance should be subject necessary Wild Life Clearance from NBWL to be obtained by PP.

**21. Case No. – 2589/2015 Shri Govind Singh Sisodia S/o Shri Sitaram Singh Sisodia, M.H. Circle, Tharlance Road, Sahu Ka Pura, Gwalior (M.P.)-474006. Dursada Stone Quarry Lease Area - 1.48 ha., Capacity - 40,000 cum/year, at Khasra no.-227, 314, Vill.-Dursada, Teh.-Datia, Distt.-Datia (M.P.)**

This is case of **Dursada Stone Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no.-227, 314, Vill. - Dursada, Teh.-Datia, Distt.-Datia (M.P.) 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 DFO. Concerned Mining Officer vide letter no.-284, dated: 28/05/2015 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 11.014 ha including this Mine. The case was presented by the PP and their consultant and it was observed that there is an elevation of 10 meter and site is a hillock. It was observed that since the shape of mine is awkward thus for safe and sustainable mining quantity may be restricted to 30,000 cum/year.

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

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

The SEIAA vide their letter no. 10829/SEIIA/16 dated 29/01/2016 have sent the above file back to SEAC for clarification on recommended production quantity which was placed before the committee with the case file. On perusal of the record it was observed that in the minutes of 249<sup>th</sup> SEAC meeting dated 14/12/2015 it is recorded that *“since the shape of mine is awkward thus for safe and sustainable mining quantity may be restricted to 30,000 cum/year”*. But while recommending the case, production capacity was mentioned as 40,000 cum/year which is a typographical error. Hence committee decided to modify earlier recommendations and recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -Aø

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1. Production of **Stone** as per mine plan with quantity not exceeding 30,000 cum/year.

**22. Case No. – 2225/14 Smt. Saroj Rani Agrawal, Shri Vinod Maheshwari, HPA, Chandra Village, Heera Ganj, Kashmir Hardware Gali, Katni (MP)-483501 Prior Environment Clearance for approval of proposed Sejha Limestone Dolomite Mine in an area of 7.03 ha. at Village-Sejha, Tehsil-Badwara, District-Katni (MP)(EIA Consultant: CSE, Bhopal)**

This is a project pertaining to mining of Limestone and Dolomite in MLA of 7.03 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; National park and sanctuary etc thus is not attracted by the general conditions and falls under category B-1ö by virtue of its location and mining lease area. Hence the project requires prior Environmental Clearance from the SEIAA. The case was forwarded by SEIAA to SEAC for appraisal of EIA for environment clearance for the project. It was submitted that this is a proposed mine having valid lease up to 2017 with production of 50000 Tonnes per annum.

**Environment setting**

S. No.	Particulars	Details
1.	Locations	
	Village	Sejha
	Tehsil	Badwara
	District	Katni
	State	MP
2.	Latitude Longitude	23 <sup>0</sup> 41 <sup>0</sup> 29.9 ö to 23 <sup>0</sup> 41 <sup>0</sup> 39.0 North 80 <sup>0</sup> 30 <sup>0</sup> 22.6 ö to 80 <sup>0</sup> 30 <sup>0</sup> 41.6 ö East
3.	Co-ordinate	1. 23 <sup>0</sup> 41 <sup>0</sup> 40.8.ö - 80 <sup>0</sup> 30 <sup>0</sup> 39.1ö 2. 23 <sup>0</sup> 41 <sup>0</sup> 39.4ö - 80 <sup>0</sup> 30 <sup>0</sup> 37.1ö 3. 23 <sup>0</sup> 41 <sup>0</sup> 38.2ö - 80 <sup>0</sup> 30 <sup>0</sup> 34.6ö 4. 23 <sup>0</sup> 41 <sup>0</sup> 38.1ö - 80 <sup>0</sup> 30 <sup>0</sup> 33.3 ö 5. 23 <sup>0</sup> 41 <sup>0</sup> 39.0ö - 80 <sup>0</sup> 30 <sup>0</sup> 41.6 ö
4.	General ground level	446m
5.	Elevation range	Highest - 451m RL Lowest - 441m RL
6.	Nearest National/ State Highway	NH-78 - 8.50km

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7.	Nearest Railway Station	Rupond - 7.75 km
8.	Nearest Airport	Jabalpur - 72.50km
9.	Nearest Tourist Place within 10km radius.	None
10.	Archaeological Important Place within 10km radius.	None
11.	Ecological Sensitive Areas (Wild Life Sanctuaries) within 10km radius.	None
12.	Nearest hill range within 10km radius	Jorapahar 6 3.5km - S
13.	Reserved / Protected Forest within 10km radius	Jorapahar RF - 3.5km 6 S Jorapahar PF - 3.25 km - S Bijhota RF - 9.25km - SSW Kudra RF - 9.75km - S Pori RF - 9.25km - N
14.	Nearest major city with 100000 population within 10km radius	Nil
15.	Nearest Town/City within 10km radius	None
16.	Nearest Village	SejhaTtola - 0.10km 6 S Sejha - 0.210km - E
17.	Nearest River with 10km radius	None
18.	Nearest Nalla/pond	Datla Reservoir - 5.0 km - ENE Jirgiri Nalla - 5.5 km - SSE Bhabrar Nalla - 1.0 km - E Jirgiri Tal - 8.75km - SE Jaranagar N - 5.50 km - NNW Baragaon Nalla - 0.25km - N Baragaon Canal - 0.30km - N Stop Dam - 4.50km - SE Sumrar Tank - 8.0km 6 WNW Bhawandar Nalla - 8.5km - N
19.	Other mines within 10km radius	1. Ultratech 6 Chhapparwah 2. Ujala Merchantes - Gudha 3. Sky Plast Mining & Minerals 6 Sejha 4. V. S. Minerals 6 Sejha 5. Kamal Lime Industries- Chandan 6. V. S. Mineral 6 Nanhwara 7. Gagan Sial 6 Sunahari 8. M/s Associate lime Co.Mission-Nanhwara 9. Ashok Goenka 6 Badagaon 10. M/s Kachhawaha Minerals Pvt 6

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		Badagaon 11. Ismile and sons- Bhatgaon sunehra 12. Arif Ahmed- Bhatgaon sunehara 13. Aslam Ahmed ó Bhatgaon Sunehara
20.	Industry within 10km radius	J. K. White Cement, (White cement based wall care Putty plant) ó 9.00km-Proposed

It was reported by the PP that

- The lease area was granted to Shri Surendra Kumar Agrawal for 10 years from 18.11.1977 to 17.11.1987. The first opening of mine was in year 1977. Subsequently it was renewed to further period of 10 years period up to 17.11.1997. After wards lease has been transferred under Rule 37 of MCR 1960 to Shri Rajendra Kumar Agrawal and after death of Mr. Rajendra Kumar Agrawal lease was transferred to Smt. Saroj Rani Agrawal.
- One other lease area are located within 500m radius
- The scheme of mining with progressive mine closure plan has been approved by IBM, Nagpur

### Salient feature of the lease area

S. No.	Particulars	Details
1	Type of Mine	Open Cast
2	Mining Lease Area	7.03Ha
3.	Mineable Area	7.03Ha
4.	Existing Pits & Quarries	1.2630 Ha
5.	Existing Dumps	0.4118ha
6.	Infrastructure and road	Nil
7.	Mineral Storage	0.012ha
8.	Plantation	Nil
9.	Recoverable Reserve	402751 MT
10.	Method of mining	OTFM
11.	Present depth of mining	6mbgl (435mRL)
12.	Ultimate Depth of Mining	6m bgl (435mRL)
13.	Ultimate Pit Slope	35°
14.	Expected Life of Mines	9 years from start of mine
15.	Lease Period	20 year from 1997 to 2017

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16.	Thickness of lateritic soil	
	Minimum	0.00 m
	Maximum	0.25 m
17	Stripping Ratio	1 :0.13
18	Mode to transportation	Road
19	Area to be covered under dumps in conceptual period	Nil
20	Area covered under pit in conceptual period	3.0215Ha
21	Area to be reclaimed by conceptual period	0.6115Ha
22	Area to be covered under plantation by conceptual period	3.1075ha
23	Area to covered under water reservoir	2.215ha
24	mRL	451m-441m
25	Ground water table	
	Monsoon period	15m bgl (426mRL)
	Dry month	20m bgl (421 mRL)

**Details of existing pits**

Pit no.	Size-m	mRL	Logging in meters (average)
PIT 61	25X7X7	437M	All pits were made in the limestone formation with meager development in dolomite Thus average logging of pits will be 0.00-0.25 - Lateritic soil 0.00-10.00 - Limestone/ dolomite
PIT 62	37X7X7	437M	
PIT 63	18X7X7	439M	
PIT 64	55X11X 10	435M	
PIT -5	87X8X9	438M	
PIT 66	22X7X6	440M	
PIT 67	112X10 X9	439M	
PIT 68	37X13X 8	439M	
PIT 69	86X10X 10	438M	
PIT 610	310X8- 18X8	438 M	
PIT 611	93X16X 6	438M	
PIT -12	90X10X 9	435M	
PIT 613	133X12	435M	

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	X8		
PIT 614	8X5X2	440M	
PIT 615	15X10X 4	438M	

### Mining Method

- Earlier the mining was being carried out by the open cast manual method of mining using hand tools such as spades, chisel, hammer etc. Lumps of mineral were being transported from pit bottom to surface manually by head load using pan; earlier waste was in the form of weathered ferruginous material which is being kept in side of pit.
- At present, total excavated area is 1.2630Ha. There are fifteen pits in the ML area. The present depth of excavated pit is varies from 2-10 m.
- Occasional drilling will be done for heaving purpose in the lease area. Blasting will be done on occasionally basis. Random holes of 1.2m depth will be done by drilling.
- The mining operations are proposed in pit no. 5, 7 and 10 of lease area. Now in the ensuing years there will be developed with 2 production benches in limestone and Dolomite while the height of the benches will be 3.5-6m. During the ensuing two years development about will be 0.7474ha additional area and cumulative area 2.104ha will be developed with two benches.
- Mineral prospecting to be carried out in 2017, (as due) the report of the same be submitted to the SEIAA/SEAC.

### Existing and proposed land use plan

Items	Existing	Conceptual period
<b>Total lease area</b>	<b>7.03ha</b>	
Ultimate depth of mining	6m to 10m	6m bgl (435mRL)
Ultimate pit slope	35 degree	35 degree
Area under dumps	0.4118ha	Nil
Area under pits	1.2630ha	3.0215ha
Area to be reclaimed	Nil	0.6118ha

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Infrastructure & Road	0.012ha	0.1ha
Mineral storage	Nil	Nil
Plantation	Nil	3.1075ha
Water body	0.13ha	2.215ha

### Afforestation plan

#### Requirements of plants for afforestation/reclamation

Year	Un-worked area green belt		Outside dumps (Reclaim)		Benches of pit		Inside dump (village side)		Total	
	Area (Ha)	Trees	Area (Ha)	Trees	Area (Ha)	Trees	Area (Ha)	Trees	Area (Ha)	Trees
Present	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
1 <sup>st</sup> to 2 <sup>nd</sup>	0.25	375	-	-	-	-	0.25	375	0.5	750
3 <sup>rd</sup> to CP	1.75	2625	0.61	950	0.2475	375	-	-	2.6075	3950
<b>Total</b>	<b>2.0</b>	<b>3000</b>	<b>0.61</b>	<b>950</b>	<b>0.2475</b>	<b>375</b>	<b>0.25</b>	<b>375</b>	<b>3.1075</b>	<b>4700</b>

The case was earlier presented by PP and their consultant in the 04<sup>th</sup> SEAC (II) meeting dated 08/02/2016 wherein after presentation PP was asked to provide response on following:-

1. An assurance from PP in the form of an affidavit that no OB shall be dumped in the mineralized area.

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2. All the commitments made in the public hearing must be complied for which an affidavit be submitted by PP.

The PP has submitted above commitments in the form of an affidavit which was placed before the committee. The committee decided that since the EIA/EMP and other submissions made by the PP earlier 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. Transportation of material shall be done in covered vehicles.
  3. Necessary consents shall be obtained from MPPCB and the air / water pollution control measures have to be installed as per the recommendation of MPPCB.
  4. Permission / NOC shall be obtained from Gram Panchayat for lifting water from the village resources and shall be furnished to MPPCB while obtaining necessary consents under the provisions of Air / Water consents.
  5. Curtaining of site shall be done through thick plantation all around the boundaries of the lease area.
  6. Production of Limestone and Dolomite shall be as per the mining plan not exceeding 49,645TPA.
  7. The proposed plantation should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement.
  8. Appropriate activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized through Gram Panchayat.
  9. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
  10. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
23. **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. 6 159,151, Vill.-

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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 earlier discussed in the 6<sup>th</sup> SEAC (II) meeting dated 18/02/2016 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.

PP vide letter dated 14/03/2016 has submitted the revised budgetary provisions for environmental management for the QL and its surrounding area which was placed before the committee. The committee decided that since other submissions made by the PP earlier were found to be satisfactory and acceptable, the case is recommend for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -A

1. Production of **Murrum** as per mine plan with quantity not exceeding 7,429 cum/year.
2. A natural drain is about 34 meters away from the QL area thus a setback of 15 meters be left from the QL area excluding the 7.5 meters mandatory buffer zone.

**24. Case No.4457/15 Shri Prabhat Kumar Pathak C/o Dilip Buildcon ltd. , Cuna Bhatti Kolar road Bhopal, Distt- Bhopal M.P-462016 Prior Environment Clearance for**

MINUTES OF 12<sup>th</sup> MEETING**approval of Stone Boulder Quarry in an area of 1.620 ha. (70000 Cum/Year) at Khasra No.- 34, at Village – Lalpura, Teshil – Sohagpur, Distt. Shahdol (M.P.)**

This is case of Stone Boulder Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.- 34, at Village ó Lalpura, Teshil ó Sohagpur, Distt. Shahdol (MP) 1.620 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. 1693 dated: 16/10/2015 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine.

The case was earlier discussed in the 268<sup>th</sup> SEAC meeting dated 16/01/2016 wherein the EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -Aø

- Production of **Stone** not exceeding 70,000 cum/year as per mine plan.
- Being a Temporary Permit (TP) validity of EC should be only up to 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.

SEIAA vide their letter no. 11720 dated 08/03/2016 has sent back the file for clarification on production capacity as mine plan is approved for 50,000 cum/year while SEAC has recommended for 70,000 cum/year and the same was placed before the committee. On perusal of the file it was observed that SEAC has recommended for the production capacity of 70,000 cum/year which was as per the Form-1 and the details mentioned in the web-site. However, on perusal of the mine plan, it was observed that the maximum production capacity mentioned in the öDevelopment and Production statusö is 50,000 cum/year. Thus the committee decided that the recommendation may be revised and 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** not exceeding 50,000 cum/year as per mine plan.

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- Being a Temporary Permit (TP) validity of EC should be only up to 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.

**25. Case No.4407/15 Shri Prabhat Kumar Pathak C/o Dilip Buildcon Ltd. , Bhopal, Distt-Bhopal M.P-462016 Prior Environment Clearance for approval of Stone Boulder Quarry in an area of 4.50 ha. (1,80,000 cum/year) at Khasra no.-38, Village-Samda Tola, Tehsil-Budhar, District-Shahdol(MP)**

This is case of Stone Boulder Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no.-38, illage-Samda Tola, Tehsil-Budhar, District-Shahdol (MP) 4.50 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 1466 dated: 11/9/2015 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of 8.50 ha including this mine.

The case was earlier discussed in the 268<sup>th</sup> SEAC meeting dated 16/01/2016 wherein 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** not exceeding 1,80,000 cum/year as per mine plan.
- Being a Temporary Permit (TP) validity of EC should be only up to 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.

SEIAA vide their letter no. 11728 dated 09/03/2016 has sent back the file for clarification on production capacity as mine plan is approved for 75,000 cum/year while SEAC has recommended for 1,80,000 cum/year and the same was placed before the committee. On

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perusal of the file it was observed that SEAC has recommended for the production capacity of 1,80,000 cum/year which was as per the Form-1 and the details mentioned in the web-site. However, on perusal of the mine plan, it was observed that the maximum production capacity mentioned in the Development and Production status is 75,000 cum/year. Thus the committee decided that the recommendation may be revised and 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** not exceeding 75,000 cum/year as per mine plan.
- Being a Temporary Permit (TP) validity of EC should be only up to 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.

**(Dr.NavinChandra,Chairman)**

**( Dr.Mohd. Akram Khan, Member )**

**(Shri Mohd. Kasam Khan, Member )**

**(Anil Sharma, Member)**

**(Prashant Shrivastava, Member)**

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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.