

**MINUTES OF STATE EXPERT APPRAISAL COMMITTEE 155<sup>th</sup> MEETING 11<sup>th</sup> November 2014**

The 155<sup>th</sup> meeting of the State Expert Appraisal Committee (SEAC) was held on 11<sup>th</sup> November, 2014 under the Chairmanship of Dr. R. B. Lal. The following members attended the meeting-

1. Dr. Mohini Saxena, Member
2. Shri K.P. Nyati, Member
3. Shri A.P. Srivastava, Member
4. Dr. U.R. Singh, Member
5. Dr. Srinivasan Krishnan Iyer, Member
6. Shri Manoj Pradhan, Member
7. Shri Manohar K. Joshi, Member
8. Dr. Alok Mittal, Member
9. Shri A.A. Mishra, Secretary

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

**Deliberations:**

**1. Case No. - 787/2012 Shri Abhishek Sahu, S/o Shri Jagdish Sahu,, Jhunku Ward - Deori, Tehsil- Deori , Distt. – Sagar (M.P.) . Lease Area - 1.0 Hectare , Stone/ Boulder Quarry At Vill. Chhewala, Teh-Deori, Distt.-Sagar (M.P.) Env. Cons. – Not Mentioned.**

This is a case of mining of stone. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at *Vill. Chhewala, Teh-Deori, Distt.-Sagar (M.P.)* in 1.0 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. It was reported by the concerned Mining Officer, Sagar vide letter no 457 dated 28/08/2014 that 07 more mines are operating/proposed within 500 meters around the proposed project site. The cumulative lease area of all the mines including the proposed mine is 10.0 Ha (i.e. less than 25 Ha). PP has reported that the pit formed after mining shall be developed into a water body. 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:

1. The forest boundary reported to be 450 meters from the lease area boundary; PP shall ensure that no waste is dumped near forest boundary.
2. Crusher shall not be installed in the lease area.
3. 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.
4. The mined out pits shall be developed into water body being appropriately fenced and with safe stairway.
5. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC &
6. Transportation of material shall be done in covered vehicles.
7. Curtaining of site shall be done using appropriate media.
8. Production of stone boulder shall be as per the mining plan not exceeding 4250 m<sup>3</sup>/Year and maximum average depth of pits shall not exceed 6meters.

[R.B. Lal, Chairman]

[A.P. Srivastava, Member]

[K.P. Nyati, Member]

[Shri M.P. Singh, Member]

[Dr Krishnan Iyer, Member]

[Dr U.R. Singh, Member]

[Dr. Alok Mittal, Member]

[Dr. Mohini Saxena, Member]

[Dr. Manoj Pradhan]

[Manohar K. Joshi, Member]

[A.A. Mishra, Secretary]

9. The proposed plantation should be carried out along with the mining and PP would take care that these plants attain full growth.
10. Transportation shall not be carried out through forest area.
11. PP shall take CSR activities in the region through the Gram Panchayat.
12. Validity of the EC shall be up to 2022.

**2. Case No. - 1808/2014 Shri Nirmal Somani S/o Shri Shyam Sundar Somani, Town & Tehsil – Alirajpur, Distt. – Alirajpur (M.P.) River Sand Auction Quarry at Khasra No. – 962, Village- Gadaat, Tehsil- Alirajpur, Distt. Alirajpur (M.P.) Lease Area- 5.00 ha., Capacity – 8910 Cum/Year, Lease Period – 05 Year. Env. Cons. – Not Mentioned.**

This is a case for prior EC for River sand mining from a lease area of 05.00 Ha. The application for the prior EC was forwarded by SEIAA to SEAC for appraisal and necessary recommendations. The submissions and the presentations made by the PP and his consultant reveals following-

➤ The site is located at *Khasra No. – 962, Village- Gadaat, Tehsil- Alirajpur, Distt. Alirajpur (M.P.)*

The letter submitted by the PP regarding existence of other sand queries within 1 Km from the boundaries of this quarry is not acceptable as there is no despatch no. and date of issue on the letter, hence PP was asked to submit the same.

After deliberations it was observed by the committee that several river-bed sand mining projects have been proposed in Alirajpur District. The maps and documents furnished by the PP in individual projects could not reveal the relative locations of different sand quarries and also it is essential to examine various aspects of the river sand mining including:

- Possible impacts from vehicle movement in the existing road net-work.
- Impacts from the enhanced activities around rivers due to deployment of mine-workers at mining sites.
- Impacts from loading / unloading of materials at river banks.
- Miscellaneous other relevant issues pertaining to river sand mining.
- Possibility of cluster (s) of sand mining and its impact on the area.

In light of above facts, it was decided by the committee to visit the sand mining sites in District Alirajpur including this site, through a sub-committee.

**3. Case No. - 1809/2014 Shri Mukesh Sharma, Prop. M/s Paras Minerals, 80, Tagore Nagar, Phase – 3, Bhopal –(M.P.) - 462011 Basalt Stone Quarry at Khasra No. – 94, Village- Baamladad, Tehsil- Icchawar, Distt.- Sehore (M.P.) Lease Area- 3.80 ha., Capacity – 7200 Cum/Year, Lease Period – 10 Year. Env. Cons. – Not Mentioned.**

This is a case of mining of stone. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at *Khasra No. – 94, Village- Baamladad, Tehsil- Icchawar, Distt.- Sehore (M.P.)* in 3.80 Ha. The project requires prior EC before commencement of any activity at site.

[R.B. Lal, Chairman]

[A.P. Srivastava, Member]

[K.P. Nyati, Member]

[Shri M.P. Singh, Member]

[Dr Krishnan Iyer, Member]

[Dr U.R. Singh, Member]

[Dr. Alok Mittal, Member]

[Dr. Mohini Saxena, Member]

[Dr. Manoj Pradhan]

[Manohar K. Joshi, Member]

[A.A. Mishra, Secretary]

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, Sehore vide letter no 5217 dated 28/08/2014 that 01 more mine is operating/proposed within 500 meters around the proposed project site. The cumulative lease area of all the mines including the proposed mine is 5.150 Ha (i.e. less than 25 Ha). PP has reported that the pit formed after mining shall be developed into a water body. 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:

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. The mined out pits shall be developed into water body being appropriately fenced and with safe stairway.
3. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA
4. Transportation of material shall be done in covered vehicles.
5. Air pollution control measures for crusher have to be installed as per the recommendation of MPPCB.
6. Curtaining of site shall be done using appropriate media.
7. Production of stone boulder shall be as per the mining plan not exceeding 7200 m<sup>3</sup>/Year and maximum average depth of pits shall not exceed 6 meters.
8. The proposed plantation should be carried out along with the mining and PP would take care that these plants attain full growth.
9. Transportation shall not be carried out through forest area.
10. PP shall take CSR activities in the region through the Gram Panchayat
11. Validity of the EC be shall for 10 years.

**4. Case No. - 1810/2014 Shri Krishna Kumar Shivhare S/o Shri Rajaram Shivhare, Vill. – Ghansore, Tehsil- Ghansore, Distt. – Seoni (M.P.) – 480997 Samnapur Metal Stone Quarry at Khasra No. – 408, 409/1 409/2, 409/3, 409/4, Village- Samnapur, Tehsil- Ghansore, Distt.- Seoni (M.P.) Lease Area- 1.90 ha., Capacity – 8550 Cum/Year, Lease Period – 10 Year. Env. Cons. – Not Mentioned.**

This is a case of mining of stone. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at *Khasra No. – 408, 409/1 409/2, 409/3, 409/4, Village- Samnapur, Tehsil- Ghansore, Distt.- Seoni (M.P.)* in 1.90 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. It was reported by the concerned Mining Officer, Seoni vide letter no 2059 dated 01/09/2014 that no mine is operating/proposed within 500 meters around the proposed project site. PP has reported that the pit formed after

[R.B. Lal, Chairman]

[A.P. Srivastava, Member]

[K.P. Nyati, Member]

[Shri M.P. Singh, Member]

[Dr Krishnan Iyer, Member]

[Dr U.R. Singh, Member]

[Dr. Alok Mittal, Member]

[Dr. Mohini Saxena, Member]

[Dr. Manoj Pradhan]

[Manohar K. Joshi, Member]

[A.A. Mishra, Secretary]

mining shall be developed into a water body. 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:

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. The mined out pits shall be developed into water body being appropriately fenced and with safe stairway.
3. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA
4. Transportation of material shall be done in covered vehicles.
5. Air pollution control measures for crusher have to be installed as per the recommendation of MPPCB.
6. Curtaining of site shall be done using appropriate media.
7. Production of stone boulder shall be as per the mining plan not exceeding 8550 m<sup>3</sup>/Year and maximum average depth of pits shall not exceed 6 meters.
8. The proposed plantation should be carried out along with the mining and PP would take care that these plants attain full growth.
9. Transportation shall not be carried out through forest area.
10. PP shall take CSR activities in the region through the Gram Panchayat
11. Validity of the EC shall be for 10 years.

**5. Case No. - 1811/2014 Smt Shobha Shukla W/o Late Shri Surendra Kumar Shukla, 94, Bangaga, Main Road- Indore, Distt. – Indore (M.P.)- 452014 Ashapura Basalt Stone Quarry at Khasra No. – 158/2, Village- Ashapura, Tehsil- Mhow, Distt.- Indore(M.P.) Lease Area- 1.675 ha., Basalt stone - 25995 Cum/Year, Murram - 2364 Cum/Year, Lease Period – 10 Year. Env. Cons. – Not Mentioned.**

This is a case of mining of stone/murram. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. – 158/2, Village- Ashapura, Tehsil- Mhow, Distt.- Indore(M.P.) in 1.675 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, that 05 more mines are operating/proposed within 500 meters around the proposed project site. The cumulative lease area of all the mines including the proposed mine is 6.933 ha (i.e. less than 25 Ha). PP has reported that the pit formed after mining shall be developed into a water body. 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:

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

[R.B. Lal, Chairman]

[A.P. Srivastava, Member]

[K.P. Nyati, Member]

[Shri M.P. Singh, Member]

[Dr Krishnan Iyer, Member]

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[Dr. Alok Mittal, Member]

[Dr. Mohini Saxena, Member]

[Dr. Manoj Pradhan]

[Manohar K. Joshi, Member]

[A.A. Mishra, Secretary]

department has to be deposited with the Collector to take up the activity after the mine is exhausted.

2. The mined out pits shall be developed into water body being appropriately fenced and with safe stairway.
3. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA
4. Transportation of material shall be done in covered vehicles.
5. Air pollution control measures for crusher have to be installed as per the recommendation of MPPCB.
6. Curtaining of site shall be done using appropriate media.
7. Production of stone boulder/murram shall be as per the mining plan not exceeding 17000 m<sup>3</sup>/Year and maximum average depth of pits shall not exceed 6 meters.
8. The proposed plantation should be carried out along with the mining and PP would take care that these plants attain full growth.
9. Transportation shall not be carried out through forest area.
10. PP shall take CSR activities in the region through the Gram Panchayat
11. Validity of the EC shall be for 05 years.

**6. Case No. - 1812/2014 Shri Vikas Agrawal, Vill. – Bargawan, Tehsil- Deosar, Distt. – Singrouli (M.P.)-486886 Metal Stone / Boulder Quarry at Khasra No. – 330, Village- Kasar, Tehsil- Chitrangi, Distt.- Singrauli (M.P.) Lease Area- 02.85 ha., Capacity – 6546 Cum/Year, Lease Period – 05 Year. Env. Cons. – Not Mentioned.**

This is a case of mining of stone/murram. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. – 330, Village- Kasar, Tehsil- Chitrangi, Distt.- Singrauli (M.P.) in 2.85 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 Dy. Director Singrauli, vide letter no 1159 dated 26/08/2014 that no mine is operating/proposed within 500 meters around the proposed project site. PP has reported that the pit formed after mining shall be developed into a water body. 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 after obtaining compliance of the consent conditions from RO, MPPCB, Singrauli, subject to the following special conditions:

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. The mined out pits shall be developed into water body being appropriately fenced and with safe stairway.
3. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA
4. Transportation of material shall be done in covered vehicles.

[R.B. Lal, Chairman]

[A.P. Srivastava, Member]

[K.P. Nyati, Member]

[Shri M.P. Singh, Member]

[Dr Krishnan Iyer, Member]

[Dr U.R. Singh, Member]

[Dr. Alok Mittal, Member]

[Dr. Mohini Saxena, Member]

[Dr. Manoj Pradhan]

[Manohar K. Joshi, Member]

[A.A. Mishra, Secretary]

5. Air pollution control measures for crusher have to be installed as per the recommendation of MPPCB.
6. Curtaining of site shall be done using appropriate media.
7. Production of stone boulder/murram shall be as per the mining plan not exceeding 6546 m<sup>3</sup>/Year and maximum average depth of pits shall not exceed 05 meters.
8. The proposed plantation should be carried out along with the mining and PP would take care that these plants attain full growth.
9. Transportation shall not be carried out through forest area.
10. PP shall take CSR activities in the region through the Gram Panchayat.
11. Validity of the EC shall be for 05 years.

**7. Case No. - 1813/2014 Shri Satish Kumar Verma, S/o Shri Prem Kumar ( Ram Kumar Verma) Ward No. - 10, Tehsil- Amarwada, Distt. – Chindwara (M.P.)-480221 Amarwada Metal Stone / Boulder Quarry at Khasra No. – 855/3, Village- Amarwada, Tehsil- Amarwada, Distt.- Chindwara (M.P.) Lease Area- 0.898 ha., Capacity – 2850 Cum/Year, Lease Period – 10 Year. Env. Cons. – Not Mentioned.**

This is a case of mining of stone/murram. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. – 855/3, Village- Amarwada, Tehsil- Amarwada, Distt.- Chindwara (M.P.) in 0.898 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, Chhindwara vide letter no 2580 dated 02/07/2014 that no mine is operating/proposed within 500 meters around the proposed project site. PP has reported that the pit formed after mining shall be developed into a water body. 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:

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. The mined out pits shall be developed into water body being appropriately fenced and with safe stairway.
3. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
4. Transportation of material shall be done in covered vehicles.
5. Crusher shall not be installed in the lease area.
6. Curtaining of site shall be done using appropriate media.
7. Production of stone boulder/murram shall be as per the mining plan not exceeding 2850 m<sup>3</sup>/Year and maximum average depth of pits shall not exceed 6 meters.
8. The proposed plantation should be carried out along with the mining and PP would take care that these plants attain full growth.
9. Transportation shall not be carried out through forest area.

[R.B. Lal, Chairman]

[A.P. Srivastava, Member]

[K.P. Nyati, Member]

[Shri M.P. Singh, Member]

[Dr Krishnan Iyer, Member]

[Dr U.R. Singh, Member]

[Dr. Alok Mittal, Member]

[Dr. Mohini Saxena, Member]

[Dr. Manoj Pradhan]

[Manohar K. Joshi, Member]

[A.A. Mishra, Secretary]



10. PP shall take CSR activities in the region through the :-Gram Panchayat
11. Validity of the EC shall be for 10 years.

**8. Case No. - 1814/2014 Shri Prem Agrawal S/o Shri Ramniwas Agrawal, Vill- Churki, Tehsil – Chitrangi, Distt. –Singrauli ( M.P.) Churki Metal Stone Quarry at Khasra No. – 2355, Village- Churki, Tehsil – Chitrangi, Distt. –Singrauli ( M.P.) Lease Area- 0.60 ha., Capacity – 2463Cum/Year, Lease Period – 10 Year. Env. Cons. – Not Mentioned.**

This is a case of mining of stone/murram. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. – 2355, Village- Churki, Tehsil – Chitrangi, Distt. –Singrauli ( M.P.) in 0.60 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, Singrauli vide letter no 1158 dated 25/08/2014 that no mine is operating/proposed within 500 meters around the proposed project site. PP has reported that the pit formed after mining shall be developed into a water body. 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:

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. The mined out pits shall be developed into water body being appropriately fenced and with safe stairway.
3. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
4. Transportation of material shall be done in covered vehicles.
5. Crusher shall not be installed in the lease area.
6. Curtaining of site shall be done using appropriate media.
7. Production of stone boulder/murram shall be as per the mining plan not exceeding 2850 m<sup>3</sup>/Year and maximum average depth of pits shall not exceed 6 meters.
8. The proposed plantation should be carried out along with the mining and PP would take care that these plants attain full growth.
9. Transportation shall not be carried out through forest area.
10. PP shall take CSR activities in the region through the :-Gram Panchayat
11. Validity of the EC shall be for 10 years.

**9. Case No. - 1815/2014 Shri Balaji Tirupati Construction, Shri Chandra Prakash Verma, Vill. Agar Chawni, Tehsil – Agar, Distt. Agar (M.P.) Churki Metal Stone / Boulder Quarry at**

[R.B. Lal, Chairman]

[A.P. Srivastava, Member]

[K.P. Nyati, Member]

[Shri M.P. Singh, Member]

[Dr Krishnan Iyer, Member]

[Dr U.R. Singh, Member]

[Dr. Alok Mittal, Member]

[Dr. Mohini Saxena, Member]

[Dr. Manoj Pradhan]

[Manohar K. Joshi, Member]

[A.A. Mishra, Secretary]

*Khasra No. – 448/2, Village- Agar Chawani, Tehsil & Distt. –Agar ( M.P.) Lease Area- 04.80 ha., Capacity – 32400 Cum/Year, Lease Period – 10 Year. Env. Cons. – Not Mentioned.*

This is a case of mining of stone. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at *Khasra No. – 448/2, Village- Agar Chawani, Tehsil & Distt. –Agar (M.P.)* in 4.8 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 SDM, Agar, Badod vide letter no 1995 dated 05/09/2014 that 02 more mines are operating/proposed within 500 meters around the proposed project site. The cumulative lease area of all the mines including the proposed mine is 13.3 Ha (i.e. less than 25 Ha). PP has reported that the pit formed after mining shall be developed into a water body. 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:

1. Air pollution control measures for crusher have to be installed as per the recommendation of MPPCB after obtaining due consents from MPPCB.
2. 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.
3. The mined out pits shall be developed into water body being appropriately fenced and with safe stairway.
4. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA
5. Transportation of material shall be done in covered vehicles.
6. Curtaining of site shall be done using appropriate media.
7. Production of stone boulder shall be as per the mining plan not exceeding 32400 m<sup>3</sup>/Year and maximum average depth of pits shall not exceed 6 meters.
8. The proposed plantation should be carried out along with the mining and PP would take care that these plants attain full growth.
9. Transportation shall not be carried out through forest area.
10. PP shall take CSR activities in the region through the Gram Panchayat
11. EC shall be valid for 10 years.

**10. Case No. - 1816/2014 Shri Nitin Chouksey S/o Shri Tulsiram Chouksey, Town Parasia, Tehsil- Harrai, Distt. – Chindwara (M.P) Basalt Stone Quarry at Khasra No. – 18, 19, Village- Basuriyakalan,, Tehsil- Harrai, Distt.- Chindwara (M.P.) Lease Area- 0.900 ha., Basalt stone - 5700 Cum/Year, Lease Period – 10 Year. Env. Cons. – Not Mentioned.**

This is a case of mining of stone/murram. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at *Khasra No. – 18, 19, Village- Basuriyakalan,, Tehsil- Harrai, Distt.- Chindwara (M.P.)* in 0.90 Ha. The project requires prior EC before commencement of any activity at site.

[R.B. Lal, Chairman]

[A.P. Srivastava, Member]

[K.P. Nyati, Member]

[Shri M.P. Singh, Member]

[Dr Krishnan Iyer, Member]

[Dr U.R. Singh, Member]

[Dr. Alok Mittal, Member]

[Dr. Mohini Saxena, Member]

[Dr. Manoj Pradhan]

[Manohar K. Joshi, Member]

[A.A. Mishra, Secretary]



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, Chhindwara vide letter no 2552 dated 28/08/2014 that no mine is operating/proposed within 500 meters around the proposed project site. PP has reported that the pit formed after mining shall be developed into a water body. 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:

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. The mined out pits shall be developed into water body being appropriately fenced and with safe stairway.
3. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
4. Transportation of material shall be done in covered vehicles.
5. Crusher shall not be installed in the lease area.
6. Curtaining of site shall be done using appropriate media.
7. Production of stone boulder/murram shall be as per the mining plan not exceeding 5700 m<sup>3</sup>/Year and maximum average depth of pits shall not exceed 6 meters.
8. The proposed plantation should be carried out along with the mining and PP would take care that these plants attain full growth.
9. Transportation shall not be carried out through forest area.
10. PP shall take CSR activities in the region through the Gram Panchayat.
11. Validity of the EC shall for 10 years.

**11. Case No. - 1817/2014 Shri Manoj Bhagirath Ji, Town & Distt. – Alirajpur (M.P.)**  
*River Sand Auction Quarry at Khasra No. – 2130, Village- Bardala, Tehsil- Alirajpur, Distt. Alirajpur (M.P.) Lease Area- 10 ha., Capacity – 8019 Cum/Year, Lease Period – 05 Year. Env. Cons. – Not Mentioned.*

This is a case for prior EC for River sand mining from a lease area of 10.00 Ha. The application for the prior EC was forwarded by SEIAA to SEAC for appraisal and necessary recommendations. The submissions and the presentations made by the PP and his consultant reveals following-

➤ The site is located at *at Khasra No. – 2130, Village- Bardala, Tehsil- Alirajpur, Distt. Alirajpur (M.P.)*

It was reported by the concerned Mining Officer, Alirajpur vide letter no 1546 dated 09/10/2014 that no mine is operating/proposed within 1 Km around the proposed project site.

After deliberations it was observed by the committee that several river-bed sand mining projects have been proposed in Alirajpur District. The maps and documents furnished by the PP in individual projects could not reveal the relative locations of different sand quarries and also it is essential to examine various aspects of the river sand mining including:

[R.B. Lal, Chairman]

[A.P. Srivastava, Member]

[K.P. Nyati, Member]

[Shri M.P. Singh, Member]

[Dr Krishnan Iyer, Member]

[Dr U.R. Singh, Member]

[Dr. Alok Mittal, Member]

[Dr. Mohini Saxena, Member]

[Dr. Manoj Pradhan]

[Manohar K. Joshi, Member]

[A.A. Mishra, Secretary]

- Possible impacts from vehicle movement in the existing road net-work.
- Impacts from the enhanced activities around rivers due to deployment of mine-workers at mining sites.
- Impacts from loading / unloading of materials at river banks.
- Miscellaneous other relevant issues pertaining to river sand mining.
- Possibility of cluster (s) forming of sand mines and its impact on the area.

In light of above facts, it was decided by the committee to visit the sand mining sites in District Alirajpur including this site, through a sub-committee.

**12. Case No. - 1818/2014 Shri Nirmal Somani S/o Shri Shyam Sundar Somani, Town & Tehsil – Alirajpur, Distt. – Alirajpur (M.P.)** *River Sand Auction Quarry at Khasra No. – 326, Village- Choti Wegalgaon , Tehsil- Sonswa, Distt. Alirajpur (M.P.) Lease Area- 5.520 ha., Capacity – 25245 Cum/Year, Lease Period – 05 Year. Env. Cons. – Not Mentioned.*

This is a case for prior EC for River sand mining from a lease area of 05.520 Ha. The application for the prior EC was forwarded by SEIAA to SEAC for appraisal and necessary recommendations. The submissions and the presentations made by the PP and his consultant reveals following-

➤ The site is located at *Khasra No. – 326, Village- Choti Wegalgaon , Tehsil- Sonswa, Distt. Alirajpur (M.P.)* It was reported by the concerned Mining Officer, Alirajpur vide letter no 1577 dated 16/10/2014 that no mine is operating/proposed within 1 Km around the proposed project site.

After deliberations it was observed by the committee that several river-bed sand mining projects have been proposed in Alirajpur District. The maps and documents furnished by the PP in individual projects could not reveal the relative locations of different sand quarries and also it is essential to examine various aspects of the river sand mining including:

- Possible impacts from vehicle movement in the existing road net-work.
- Impacts from the enhanced activities around rivers due to deployment of mine-workers at mining sites.
- Impacts from loading / unloading of materials at river banks.
- Miscellaneous other relevant issues pertaining to river sand mining.
- Possibility of cluster (s) forming of sand and its impact on the area.

In light of above facts, it was decided by the committee to visit the sand mining sites in District Alirajpur including this site, through a sub-committee.

**13. Case No. - 1819/2014 Shri Sumit Kumar Mittal S/o Shri Susheel Mittal, Balaji Developers, 7, ABJ Bihar Colony, Indore, Distt. – Indore (M.P.) - 452001** *Rehali Stone (Gitti) Quarry at Khasra No. – 486, 487, 489, 490, 491, 492, 493 & 494, Village- Rehali, Tehsil – Hatpipalya, Distt. – Dewas ( M.P.) Lease Area- 3.54 ha., Capacity – 50,000 Cum/Year, Lease Period – 10 Year. Env. Cons. – Not Mentioned.*

This is a case of mining of stone. The application was forwarded by SEIAA to

[R.B. Lal, Chairman]

[A.P. Srivastava, Member]

[K.P. Nyati, Member]

[Shri M.P. Singh, Member]

[Dr Krishnan Iyer, Member]

[Dr U.R. Singh, Member]

[Dr. Alok Mittal, Member]

[Dr. Mohini Saxena, Member]

[Dr. Manoj Pradhan]

[Manohar K. Joshi, Member]

[A.A. Mishra, Secretary]

SEAC for appraisal. The proposed site is located at *Khasra No. – 486, 487, 489, 490, 491, 492, 493 & 494, Village- Rehali, Tehsil – Hatpipalya, Distt. – Dewas ( M.P.)* in 3.54 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, Dewas vide letter no 1374 dated 09/09/2014 that no mine is operating/proposed within 500 meters around the proposed project site. PP has reported that the pit formed after mining shall be developed into a water body. 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:

1. Air pollution control measures for crusher have to be installed as per the recommendation of MPPCB after obtaining due consents from MPPCB.
2. 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.
3. The mined out pits shall be developed into water body being appropriately fenced and with safe stairway.
4. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA
5. Transportation of material shall be done in covered vehicles.
6. Curtaining of site shall be done using appropriate media.
7. Production of stone boulder shall be as per the mining plan not exceeding 50000 m<sup>3</sup>/Year and maximum average depth of pits shall not exceed 6 meters.
8. The proposed plantation should be carried out along with the mining and PP would take care that these plants attain full growth.
9. Transportation shall not be carried out through forest area.
10. PP shall take CSR activities in the region through the Gram Panchayat
11. EC shall be valid for 10 years.

**14. Case No. - 1820/2014 Shri Manoj Bhagirath Ji, Town & Distt. – Alirajpur (M.P.)**  
*River Sand Auction Quarry at Khasra No. – 369/, 971 Village- Baladmoong, Tehsil- Jobat, Distt. Alirajpur (M.P.) Lease Area- 8.00 ha., Capacity – 25740 Cum/Year, Lease Period – 05 Year.*  
**Env. Cons. – Not Mentioned.**

This is a case for prior EC for River sand mining from a lease area of 08.00 Ha. The application for the prior EC was forwarded by SEIAA to SEAC for appraisal and necessary recommendations. The submissions and the presentations made by the PP and his consultant reveals following-

➤ The site is located at *Khasra No. – 369/, 971 Village- Baladmoong, Tehsil- Jobat, Distt. Alirajpur (M.P.)*. It was reported by the concerned Mining Officer, Alirajpur vide letter no 1576 dated 16/10/2014 that no mine is operating/proposed within 1 Km around the proposed project site.

[R.B. Lal, Chairman]

[A.P. Srivastava, Member]

[K.P. Nyati, Member]

[Shri M.P. Singh, Member]

[Dr Krishnan Iyer, Member]

[Dr U.R. Singh, Member]

[Dr. Alok Mittal, Member]

[Dr. Mohini Saxena, Member]

[Dr. Manoj Pradhan]

[Manohar K. Joshi, Member]

[A.A. Mishra, Secretary]

After deliberations it was observed by the committee that several river-bed sand mining projects have been proposed in Alirajpur District. The maps and documents furnished by the PP in individual projects could not reveal the relative locations of different sand quarries and also it is essential to examine various aspects of the river sand mining including:

- Possible impacts from vehicle movement in the existing road net-work.
- Impacts from the enhanced activities around rivers due to deployment of mine-workers at mining sites.
- Impacts from loading / unloading of materials at river banks.
- Miscellaneous other relevant issues pertaining to river sand mining.
- Possibility of cluster (s) forming of sand and its impact on the area.

In light of above facts, it was decided by the committee to visit the sand mining sites in District Alirajpur including this site, through a sub-committee.

**15. Case No. - 1821/2014 Smt. Nikita Singh R/o Vill. Bolai, Tehsil – Gulana, Distt. – Shajapur (M.P.) - 465220 Gulana Stone Quarry at Khasra No. – 1320, Village- Gulana, Tehsil – Gulana, Distt. – Shajapur ( M.P.) Lease Area- 2.50 ha., Capacity – 25,000 Cum/Year, Lease Period – 10 Year. Env. Cons. – Not Mentioned.**

This is a case of mining of stone. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at *Khasra No. – 1320, Village- Gulana, Tehsil – Gulana, Distt. – Shajapur ( M.P.)* in 2.50 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. It was reported by the Mining Officer, Shajapur vide letter no 620 dated 16/10/2014 that 01 more mine is operating/proposed within 500 meters around the proposed project site. The cumulative lease area of all the mines including the proposed mine is 6.5 Ha (i.e. less than 25 Ha). PP has reported that the pit formed after mining shall be developed into a water body. 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:

1. Air pollution control measures for crusher have to be installed as per the recommendation of MPPCB after obtaining due consents from MPPCB.
2. 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.
3. The mined out pits shall be developed into water body being appropriately fenced and with safe stairway.
4. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA
5. Transportation of material shall be done in covered vehicles.
6. Curtaining of site shall be done using appropriate media.

[R.B. Lal, Chairman]

[A.P. Srivastava, Member]

[K.P. Nyati, Member]

[Shri M.P. Singh, Member]

[Dr Krishnan Iyer, Member]

[Dr U.R. Singh, Member]

[Dr. Alok Mittal, Member]

[Dr. Mohini Saxena, Member]

[Dr. Manoj Pradhan]

[Manohar K. Joshi, Member]

[A.A. Mishra, Secretary]

7. Production of stone boulder shall be as per the mining plan not exceeding 25000 m<sup>3</sup>/Year and maximum average depth of pits shall not exceed 6 meters.
8. The proposed plantation should be carried out along with the mining and PP would take care that these plants attain full growth.
9. Transportation shall not be carried out through forest area.
10. PP shall take CSR activities in the region through the Gram Panchayat.
11. EC shall be valid for 10 years.

**16. Case No. - 1823/2014 M/s Dabang Earth Movers Pvt. Ltd. , Prop. Shri Mukesh Gupta, R/o New Bus Stand, Katni, Distt. – Katni (M.P.) 483330 Badagaon Basalt Stone Quarry at Khasra No. – 396, 409 & 410, Village- Badagaon, Tehsil – Barhi, Distt. –Katni ( M.P.) Lease Area- 3.34 ha., Capacity – 71388 MT/Year, Lease Period – 10 Year. Env. Cons. – Not Mentioned.**

This is a case of mining of stone. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at *Khasra No. – 396, 409 & 410, Village- Badagaon, Tehsil – Barhi, Distt. –Katni (M.P.)* in 3.34 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 Mining Officer, Katni vide letter no 3330 dated 03/09/2014 that no mine is operating/proposed within 500 meters around the proposed project site. PP has reported that the pit formed after mining shall be developed into a water body. 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:

1. Air pollution control measures for crusher have to be installed as per the recommendation of MPPCB after obtaining due consents from MPPCB.
2. 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.
3. The mined out pits shall be developed into water body being appropriately fenced and with safe stairway.
4. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC.
5. Transportation of material shall be done in covered vehicles.
6. Curtaining of site shall be done using appropriate media.
7. Production of stone boulder shall be as per the mining plan not exceeding 36000 m<sup>3</sup>/Year and maximum average depth of pits shall not exceed 6 meters.
8. The proposed plantation should be carried out along with the mining and PP would take care that these plants attain full growth.
9. Transportation shall not be carried out through forest area.
10. PP shall take CSR activities in the region through the Gram Panchayat.
11. EC shall be valid for 05 years.

[R.B. Lal, Chairman]

[A.P. Srivastava, Member]

[K.P. Nyati, Member]

[Shri M.P. Singh, Member]

[Dr Krishnan Iyer, Member]

[Dr U.R. Singh, Member]

[Dr. Alok Mittal, Member]

[Dr. Mohini Saxena, Member]

[Dr. Manoj Pradhan]

[Manohar K. Joshi, Member]

[A.A. Mishra, Secretary]

**17. Case No. - 1824/2014 Shri Surendra Patel R/o 29, Mohan Nagar, Ayodhya Nagar- By Pass, Bhopal, Distt. – Bhopal (M.P.)- Basalt Stone Quarry at Khasra No. – 95/1, Village- Bamladad, Tehsil – Ichawar, Distt. –Sehore ( M.P.) Lease Area- 1.350 ha., Capacity – 8,000 Cum/Year, Lease Period – 10 Year. Env. Cons. – Not Mentioned.**

This is a case of mining of stone. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. – 95/1, Village- Bamladad, Tehsil – Ichawar, Distt. –Sehore ( M.P.) in 1.350 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 Mining Officer, Sehore vide letter no 5216 dated 28/08/2014 that 01 more mine is operating/proposed within 500 meters around the proposed project site. The cumulative lease area of all the mines including the proposed mine is 5.150 Ha (i.e. less than 25 Ha). PP has reported that the pit formed after mining shall be developed into a water body. 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:

1. Air pollution control measures for crusher have to be installed as per the recommendation of MPPCB after obtaining due consents from MPPCB.
2. 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.
3. The mined out pits shall be developed into water body being appropriately fenced and with safe stairway.
4. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC &
5. Transportation of material shall be done in covered vehicles.
6. Curtaining of site shall be done using appropriate media.
7. Production of stone boulder shall be as per the mining plan not exceeding 8000 m<sup>3</sup>/Year and maximum average depth of pits shall not exceed 6 meters.
8. The proposed plantation should be carried out along with the mining and PP would take care that these plants attain full growth.
9. Transportation shall not be carried out through forest area.
10. PP shall take CSR activities in the region through the Gram Panchayat
11. EC shall be valid for 10 years.

**18. Case No. - 936/2012 Smt. Rachna Mahawar, W/o Shri Raj Kumar Mahawar, L- 20, Pavsheel Nagar, Narmada Road – Jabalpur, Distt. – Jabalpur (M.P.) – 482001 Smt. Rachna Mahawar Stone Mine at Khasra No. – 312/3, Village – Temar, Tehsil – Jabalpur, Distt. – Jabalpur (M.P.) Lease Area 1.46 Ha. Capacity – 10, 000 Cubic Meters Per Year. Mineral: Mining of Stone (Boulder).**

This is a case of mining of stone. The application was forwarded by SEIAA to

[R.B. Lal, Chairman]

[A.P. Srivastava, Member]

[K.P. Nyati, Member]

[Shri M.P. Singh, Member]

[Dr Krishnan Iyer, Member]

[Dr U.R. Singh, Member]

[Dr. Alok Mittal, Member]

[Dr. Mohini Saxena, Member]

[Dr. Manoj Pradhan]

[Manohar K. Joshi, Member]

[A.A. Mishra, Secretary]



SEAC for appraisal. The proposed site is located at *Khasra No. – 312/3, Village – Temar, Tehsil – Jabalpur, Distt. – Jabalpur (M.P.)* in 1.46 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 Dy. Director (Mine), Jabalpur vide letter no 1596 dated 28/08/2014 that 04 more mines are operating/proposed within 500 meters around the proposed project site. The cumulative lease area of all the mines including the proposed mine is 11.45 Ha (i.e. less than 25 Ha). PP has reported that the pit formed after mining shall be developed into a water body. 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:

1. Air pollution control measures for crusher have to be installed as per the recommendation of MPPCB after obtaining due consents from MPPCB.
2. 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.
3. The mined out pits shall be developed into water body being appropriately fenced and with safe stairway.
4. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA
5. Transportation of material shall be done in covered vehicles.
6. Curtaining of site shall be done using appropriate media.
7. Production of stone boulder shall be as per the mining plan not exceeding 10000 m<sup>3</sup>/Year and maximum average depth of pits shall not exceed 6 meters.
8. The proposed plantation should be carried out along with the mining and PP would take care that these plants attain full growth.
9. Transportation shall not be carried out through forest area.
10. PP shall take CSR activities in the region through the Gram Panchayat
11. .EC shall be valid for 10 years.

**19. Case No. - 818/2012-** Mr. Mahesh Manwani, Director, " Alpine Greenage" of M/sHimanshu Infrastructure Pvt. Ltd." A 2, IInd Floor, Above Metro Shoes, Ravishankar Market,Bhopal (M.P.) " Alpine Greenage" of M/s HimanshuInfrastructure Pvt. Ltd." *Khasra No. 529 (Old No.- 47/1/2/1), 530 ( Old No. 47/1/1) Village –Gehukheda, Tehsil – Huzur, Distt. – Bhopal (M.P.) Total Land Area – 34,400.00 Sq.m. ( 3.44 Ha.),Total Built-up Area – 27334.22 Sq.m. Env. Consultant – In- Situ Enviro Care, Bhopal.*

Request from PP was received for keeping the project in the subsequent meetings as PP was not in position to attend the meeting due to some unavoidable reasons. Committee decided to call the PP in coming meetings as per the turn.

[R.B. Lal, Chairman]

[A.P. Srivastava, Member]

[K.P. Nyati, Member]

[Shri M.P. Singh, Member]

[Dr Krishnan Iyer, Member]

[Dr U.R. Singh, Member]

[Dr. Alok Mittal, Member]

[Dr. Mohini Saxena, Member]

[Dr. Manoj Pradhan]

[Manohar K. Joshi, Member]

[A.A. Mishra, Secretary]

**20. Case No. - 1805/2014** M/s Sterling Globe Builders through Director, Shri Sanjeev Sabherwal, Opp. Hanuman Nagar, Jatkheri Road, Near Hoshangabad Road, Tehsil – Huzur, Distt. – Bhopal (M.P.) *Sterling Globe Grand M/s Sterling Globe Builders at Khasra No.– 460 Village – Opp. Hanuman Nagar, Jatkheri Road, Near Hoshangabad Road, Tehsil – Huzur, Distt. - Bhopal Total Plot Area- 12600 Sq.mt Total Built up Area –Env. Consultant Not Mentioned.*

Request from PP was received for keeping the project in the subsequent meetings as PP was not in position to attend the meeting due some unavoidable reasons. Committee decided to call the PP in coming meetings as per the turn.

**21. Case No. 780/2012-** M/s Jatashankar Marbles Pvt. Ltd., Ganesh Villa, House No. 153, Sector 46, NIT, Faridabad (Haryana) – 121001 *Labraha Granite Deposit Mine at Khasra No. 1480, Village – Labraha, Tehsil – Chandla, Distt. – Chhatarpur (M.P.) Lease Area – 2.922 Ha., Proposed Capacity – 6,000Cubic meter per year. ( Case was discussed 102<sup>nd</sup> SEAC Meeting dt. 11/09/12& 118<sup>th</sup> dt. 01/02/13) Env. Consultant -.GRC India(P) Ltd. Noida(U.P.) TOR issued vide letter no.- 442 dt. 25/04/13*

This is a mining project in an area of 2.922 ha, the mineral proposed for mining is granite with production capacity of 6000 m<sup>3</sup>/Year. The project falls under category B-1 of the schedule of EIA Notification and requires prior EC under the provisions of said notification. TOR was issued by SEAC vide letter dated 25/04/2013. The EIA for the project was forwarded by the SEIAA to SEAC for appraisal and recommendation. The salient features and the location aspects were presented by the PP and his consultant before the committee in 155<sup>th</sup> meeting dated 11<sup>th</sup> November, 2014, which reveals following:

**Background of the project:**

- É The LOI has been granted by State Government in favor M/s Jatashankar Marbles Pvt. Ltd vide letter no. 862/Khaniz/2012 dated 29.05.2012 for grant of Quarry Lease 30 years period measuring 2.922 ha. for mineral Granite in Village Labraha, Sub Division Chandla, District Chhatarpur, State Madhya Pradesh.
- É The mining plan was approved by Director, DGM, Bhopal under Rule 12 of Granite Conservation and Development Rules, 1999 vide letter no. 11291/ geology - 2/N.K16/2012 dated 25-07-2012
- É TOR was issued on 25.04.2013 vide letter no. 442/PS-MS/MPPCB/SEAC/TOR (118)/2013 by SEAC, M.P.
- É Environmental Study: March. to May. 2013.
- É Public Hearing for the project was completed on 19.12.2013.

**Location of the project:**

Location of mining lease area	Village : Labraha Tehsil : Chandla District : Chhatarpur State : Madhya Pradesh
Geographical Co-ordinates	Latitude : 25°02'14.4ö North Longitude : 80°08'14.7ö East
Total Mining Lease area	2.922 ha

[R.B. Lal, Chairman]

[A.P. Srivastava, Member]

[K.P. Nyati, Member]

[Shri M.P. Singh, Member]

[Dr Krishnan Iyer, Member]

[Dr U.R. Singh, Member]

[Dr. Alok Mittal, Member]

[Dr. Mohini Saxena, Member]

[Dr. Manoj Pradhan]

[Manohar K. Joshi, Member]

[A.A. Mishra, Secretary]

Type of lease area	Government waste land
Road Connectivity	The lease area is 70 km from Distt.-Headquarter Chhatarpur via Garhi Malhara, Mahrajpur, Bagmau tri junction and Bachhon. Bachhon is 65 Km from Chhatarpur and the QL area is then 5 km towards Chandla. The nearest railway station is Khajuraho at a distance of 50 km from the QL area.
Altitude of the Site	185-179 m RL

**Mining details**

Mining Method	Opencast Other than Fully Mechanized Method
Ultimate depth of mine	160m RL
Proposed Bench of mining pit	Height :6 m Width : 6 m
Mineral Reserve Proved Mineral Reserve (121) Pre-Feasibility Mineral Resource	1, 27, 709 cum(Granite) 62,874cum(Granite)
Rate of Production	6,000 cum PA
Life of Mine	30 years as per present level of exploration.
Required Man Power	57
Water Requirement	8.0 KLD
Source of Water	Old bore well, hand pump and mine sump located in QL area
Use of Mineral	Mineral granite is used for building purpose as tiles and block. Since the granite tests good polish, it is used for provision of flooring tiles. The various rock/boulder of sizes 3m x 3m x 1.5m are put under the gang saw blades and various tiles are made useful for decorative purpose in commercial building and houses.

**Air Pollution Control Measures**

**Mines**

- É Wet drilling arrangements will be made.
- É Use of Personal Protection Equipments (PPE) like dust masks, ear plugs etc. by the mine workers.
- É Rock breaker will be used for breaking over size boulders in order to reduce dust and noise generation, which otherwise would be generated due to secondary blasting.

[R.B. Lal, Chairman]

[A.P. Srivastava, Member]

[K.P. Nyati, Member]

[Shri M.P. Singh, Member]

[Dr Krishnan Iyer, Member]

[Dr U.R. Singh, Member]

[Dr. Alok Mittal, Member]

[Dr. Mohini Saxena, Member]

[Dr. Manoj Pradhan]

[Manohar K. Joshi, Member]

[A.A. Mishra, Secretary]

É Controlled blasting and optimization of use of explosive energy will help in reducing the above emissions.

É Regular water sprinkling on haul roads & loading points will be carried out

**Haulage**

É All haul roads will be maintained regularly and will not be blocked or obstructed for any villager/passersby.

É Avoiding over filling of tippers and consequent spillage on the road.

**Noise Pollution Control Measures**

É Proper maintenance, oiling and greasing of machines at regular intervals will be done to reduce the generation of noise.

É Adequate silencers will be provided in all the diesel engines.

É Blast holes will not be overcharged.

É Plantation along the sides of approach roads and mine area will be done to minimize the propagation of noise

É Personal Protective Equipments (PPE) like earmuffs/earplugs will be provided to all operators and employees working near mining machineries or at higher noise zone.

É Periodical noise level monitoring will be done.

**Water environment (impact assessment )**

The mining operations being opencast, adverse impacts are likely to arise if proper control measures are not implemented. The following are the areas where adverse impacts are envisaged in respect of surface water quality:

É Wash-off from the dumps

É Soil Erosion

**Water pollution control measures**

~ The soil will be used as blanket on the worked out area of the pits for taking up afforestation.

~ No water treatment will be needed. There is no toxic contamination in the ore and overburden. Hence no contamination of any nature was reported

~ The working will be carried out above ground water table. Simultaneous backfilling is proposed and hence no wash off from the dumps or soil erosion is expected.

**Reclamation Plan**

~ Of the entire lease area of 2.922 ha, about 2.412 ha will be excavated. Out of which 1.782 Ha will be reclaimed. Water reservoir will be created in 0.63 Ha and 0.51 Ha will be developed as green belt.

**Post Land use Pattern**

SN	Heads	At present	At the end of 5 <sup>th</sup> years	At the end of life of mine
1.	Pits (broken area)	Nil	1.30	(2.412)
2.	Road	Nil	0.10	Nil
3.	Green belt	Nil	0.05	0.51

[R.B. Lal, Chairman]

[A.P. Srivastava, Member]

[K.P. Nyati, Member]

[Shri M.P. Singh, Member]

[Dr Krishnan Iyer, Member]

[Dr U.R. Singh, Member]

[Dr. Alok Mittal, Member]

[Dr. Mohini Saxena, Member]

[Dr. Manoj Pradhan]

[Manohar K. Joshi, Member]

[A.A. Mishra, Secretary]

4.	Water reservoir	Nil	Nil	0.63
5.	Reclaimed and rehabilitated by plantation	Nil	Nil	1.782
TOTAL		Nil	1.45	2.922

**It was submitted by the PP that:**

- The land is govt. waste land.
- The land has been demarcated as per rules before PL and is located in khasra no. 1480.
- There is no litigation pending against the Project.
- There is no issue of rehabilitation due this particular project.
- There are no National Parks, Sanctuaries, Wildlife corridors, Tiger reserves (existing as well as proposed), if any, within 10 Km of the mine lease. Panna Biosphere reserve is at 7.2 Km

After deliberations PP was asked to submit response to the following queries:

- Details of the land proposed for OB management to be furnished along with the land ownership documents.
- OB management plan to be furnished.
- Comments from competent authority on issue of existence of large number of bird species in the region.
- Transport route of materials from the mining site up to the main road to be furnished.
- Water and air analysis reports presented in the EIA report need to be reviewed/ revisited in view of several discrepancies pointed out by committee.
- The committee was not satisfied with the approach adopted by the consultant in preparation of EIA report particularly the discrepancies in analysis and survey based data/ information

**22. Case No. - 1111/2013 M/s OCL India Limited, Mr. D.D Atal (Owner), Village – Mugdara, Tehsil- Nainpur, Distt- Mandla,(M.P) Mugdara Dolomite Mines with crusher at Khasra No. – 807/1, 808/2 & 811/1, Village – Mugdara, Tehsil – Nainpur, Distt. – Mandla (M.P.) Lease Area- 19.223 ha., Capacity – 48000 TPA. ToR issued vide letter No. 444 dt. 25/04/13. Env. Consultant – CES, Bhopal.**

This is a mining project in an area of 19.223 ha, the minerals proposed for mining is Dolomite with production capacity of 48000 TPA. The project falls under category B-1 of the schedule of EIA Notification and requires prior EC under the provisions of said notification. TOR was issued by SEAC vide letter dated 25/04/2013. The EIA for the project was forwarded by the SEIAA to SEAC for appraisal and recommendation.

The project is submitted for environment clearance in view of lease renewal as lease expired in May 2014. The mine was operative with valid consent of MPPCB. It was reported by the PP that the mine is presently closed. The salient features and the location aspects were presented by the PP and his consultant before the committee in 155<sup>th</sup> meeting dated 11<sup>th</sup> November, 2014, which reveals following:

**Location and Approach**

É Site : Village - Mugdara  
 É Tehsil : Nainpur

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É District	:	Mandla
É Location	:	Toposheet No. 64B/6, 64B/7
É Land Use	:	Forest Land
É Forest Comp No.	:	807/1, 808/2 & 811/1
É Latitude	:	22 <sup>o</sup> 26ø24.9ö to 22 <sup>o</sup> 26ø37.9ö North
É Longitude	:	80 <sup>o</sup> 22ø41.1ö to 80 <sup>o</sup> 23ø30.8öEast
É Road Connectivity	:	Bahmni Banjar- Nainpur

**Public Hearing Details**

- ❖ Public consultation has been conducted by SPCB on 28.06.2014 at Mine Premises, Mugdara, Tehsil Nainpur, Dist. Mandla (MP) by ADM, Mandla
- ❖ 53 peoples have attended the hearing and observed that people of nearby areas are in favour of mining project as they will get employment from it. Twenty one of them registered their opinion in writing.
- ❖ No major adverse issues have been reported in the public hearing and it was reported that the public hearing in general was in favour of the project.

**Reported Mineral Reserve**

Classification	Code	Quantity-T	Grade
<b>A. Mineral Reserve</b>			
Probable Mineral Reserves	121	719214T	LD AND SMS
Probable Mineral Reserves	122	673150T	LD AND SMS
<b>B. Remaining Resources</b>			
Prefeasibility mineral Resources	221	121843 T	LD AND SMS
Prefeasibility mineral Resources	222	191176 T	LD AND SMS
Inferred mineral Resources	333	3260221T	LD AND SMS

**Mineable reserves and anticipated life of the mine:**

The proved and probable reserves have been considered for the total mineable reserves. The updated mineable reserves are to be tune of 1392364 MT.

Mine life estimated by taking mineable reserves and maximum yearly production of granite is 48000 MT per year.

Life = 1392364/48000= 29year

**Production schedule –**

- Mining capacity ó 48000 TPA.

**Mining Method**

- All the mining operation will be carried out by opencast method with the existing practice. Loading of the crushing material in 10t tipper or 15t truck by JCB or manually. Development work will be done by excavator cum loader and sizing of blast material will be done manually. The haul road has been extended up to the bottom of the quarries. Face clearing, sorting and sizing will be done manually. During the five year haulage road will be developed at the gradient of 1:16. Overburden will be hauled by tractor trolley/dumper. During the proposal period, mining will be carried out in western part of area near the exiting pit no. 3 and 5. Faces of pit-3 will be advanced in western direction and present pit will be developed in better scientific pattern. During the ensuing five year

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development 3.3ha additional area will be developed with 10m depth. Wherever dewatering required during monsoon season will be done by the suitable capacity pump through settling tank which is located in the eastern barrier zone and de-silted water has given for agricultural activities in nearby area or drained to the nallah.

- During the next five year period old dumps no. D-1 to D-3, D17, D18, D21 & D22 will be re-handled and dumped in 7.5m barrier zone and pit no. 3, 4 & 5 will be merged in to single pit.
- Development of road: Haulage roads 2-3m wide will be a maintained and developed at required places, it will be laid at maximum 1: 16 gradient from surface stack yard to pit bottom at 449mrl with in bye roads to faces of individual benches and approx 240m haulage road will be developed.
- Retaining Wall: Waste has been kept near to the pit, north & south eastern direction of barrier zone. Its stability has been maintained by constructing the retaining wall, which help restrict/retain the loose particles. Height & length of retaining wall is measured as 0.50m and 500m respectively. Retaining wall has also been made along the Banjar River side, which restrict/retain the boulder. Length & Height of retaining wall is measured as approx 1000m and 1.0m.
- Garland drain: Garland drain has been observed along the waste dumps. Depth & length of garland drain is measured as 0.50m and 1000m respectively. Garland drain has also been observed along the slope of dump along the Banjar river and village side. Length & depth of garland drain is measured as approx 2000m and 0.5m

**Salient features of the project:**

S. No.	Particulars	Details
1	Type of Mine	Open Cast
2	Mining Lease Area	19.223 Ha
3.	Mineable Area	19.223 Ha
4.	Existing Pits & Quarries	3.6916 ha
5.	Existing Dumps	1.5438ha
6.	Infrastructure and road	1.319 ha
7.	Mineral Storage	0.21ha
8.	Plantation	2.325 ha
9.	Recoverable Reserve	1392364 MT
10.	Method of mining	Manual
11.	Ultimate Depth of Mining	1m bgl (447mRL)
12.	Ultimate Pit Slope	60°
13.	Expected Life of Mines	29 years
14.	Lease Period	25.05.1994 to 24.05.2014
15.	Thickness of lateritic soil	
	Minimum	0.5 m
	Maximum	1.0 m
16	Stripping Ratio	1:0.01 ó 1:1.28
17	Existing mode to transportation	Road
18	Area to be covered under dumps in conceptual period	Nil
19	Area covered under pit in lease period	16.3005 ha
20	Area to be reclaimed by lease period	10.3525 ha
21	Area to be covered under plantation by lease period	14.6775 ha
22	Area to covered under water reservoir	4.948 ha

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**MINUTES OF STATE EXPERT APPRAISAL COMMITTEE 155<sup>th</sup> MEETING 11<sup>th</sup> November 2014**

23	mRL	462-448m RL
24	Ground water table	
	Monsoon period	27m bgl (421 mRL)
	Dry month	32m bgl (416mRL)

**Conceptual plan of the project**

Items	Existing	Conceptual period
<b>Total lease area</b>	<b>19.223 ha</b>	
Ultimate depth of mining	1m bgl (447mRL)	1m bgl (447mRL)
Area under dumps	1.5438ha	Nil
Area under pits	3.6916ha	16.3005ha
Area to be reclaimed	Nil	10.3525ha
Road	0.2655 ha	0.01ha
Infrastructure	0.2ha	Nil
Mineral storage	0.21ha	Nil
Plantation	2.325ha	14.6775ha
Water body	1.44ha	4.948ha

**Environmental setting of the project**

S. No.	Particulars	Details
1.	Locations	
	Village	Mugdara
	Tehsil	Nainpur
	District	Mandla
	State	MP
2.	Latitude Longitude	22 <sup>0</sup> 26 <sup>0</sup> 24.9 <sup>0</sup> To 22 <sup>0</sup> 26 <sup>0</sup> 37.9 <sup>0</sup> North 80 <sup>0</sup> 22 <sup>0</sup> 41.1 <sup>0</sup> To 80 <sup>0</sup> 23 <sup>0</sup> 30.8 <sup>0</sup> East
3.	General ground level	448m
4.	Nearest National/state Highway	Mandla to Nainpur Road - 3.2km - W
5.	Nearest Railway Station	Bamhni Banjar - 4.0 km - NNW
6.	Nearest Airport	Jabalpur - 89.0 km
7.	Nearest Tourist Place within 10km radius.	None
8.	Archaeological Important Place within 10km radius.	None
9.	Ecological Sensitive Areas (Wild Life Sanctuaries) within 10km radius.	None
10.	Reserved / Protected Forest within 10km radius (Boundary to boundary distance)	Malidadar RF -2.5km - NE Sara RF - 3km - SW Khirsaru RF - 7km - NW
11.	Nearest major city with 100000 population within 10km radius	Nil
12.	Nearest Town / City within 10km radius	Bamhni Banjar - 4.0 km - NNW
13.	Nearest Village	Bhatia Tola - 0.2 km - N

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14.	Nearest River	Banjar River - 0.3km - S Supern Nadi - 8.5 km - NE
15.	Nearest Nalla	Patpara Nala - 2.5 km - WNW Canal - 2.5 km - NW Dhuandhar Tank - 6.25km - WNW
16.	Nearest Hill Ranges	None within 10km radius
17.	Other lease area within 1km radius	5 lease area with crusher 1. M/s Laxmi Industries, Bhaita tola 2. M/s Mahaveer Minerals, Bhatia Tola 3. M/s Salasar Minerals, Bhatia tola 4. M/s R. K. Agrawal, Bhata tola 5. M/s Pooja Minerals, Mugdara
18.	Industry within 10km radius	None within 10km radius

**Environment Management Plan:**

**Air pollution control measures**

Following air pollution control measures have been proposed to minimize negative impact due to mining activity.

1. Spraying of water has been observed on the haulage roads, services road & dump area and frequency of the spraying over haulage road is required to increase. Same practice need to be adopted in future also
2. Dumping has been done in north east and south east direction away from the habitation. Presently dumps are inactive and will be re-handled as soon as mine will résumé itø operation. Regular water spraying over the dumps (once in a day) is suggested at this stage
3. Dust mask have been provided to all workers, but itø use shall be made compulsory.
4. Good plantation has been done around the mine office. Such kind of plantation is expected all over the non-mineralized area, along the road (crusher side) and periphery, which may be taken up in coming monsoon season.
5. Old dumps have been temporary stabilized with legumes and grasses to prevent the erosion of soil and to arrest the dust emission. Over burden dumps will not be left active for longer period and will be used for reclamation purposes. As stated in mining plan, re-handling and backfilling will be started from first year onwards, which should complied strictly
6. Water has already been sprayed over the muck pile and dumps to reduced the dust generation;
7. Regular maintenance of crusher with proper schedule is suggested to avoid fugitive emission.
8. Haulage of overburden/mine waste to the siding has been done by dumper. The approach road from lease area to PWD road is about 0.22km, which is Pucca road, but dust generation due to transportation is envisaged may be for limited period and extent to small area. Water spraying has been carried out, however frequency of spraying should be twice in a day. The timing of movement of dumpers must be scheduled in consideration with local village activities
9. Water sprinkler has been observed at crushing point and transfer point. Vibrating screen has been covered but regular vigilance is required

**Water Pollution Control Measures**

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There is no water course in the lease area. The main drainage of the area is through seasonal gullies. The water table in the lease area varies from 27m to 32m whereas mining will be done up to avg. 1m depth thus ground water table will not touch during conceptual period.

- " Following measures has been observed to control the water pollution:
- " Pump has been installed to lift accumulated rain water from working pit.
- " Garland drain has been observed along the slope of dump towards the direction of the Banjar river. Length & depth of garland drain is measured as 2000m and 0.5m. This provision helps to restrict/retain the loose particles. Length of garland drain needs to be increased with the paces of further mining.
- " Garland drain has also been made along the village side. Length & depth of garland drain is observed as approx 1000m and 0.5m.

Further measures have been suggested considering the requirement for EMP

- É Regular removal of settled silt from the settling tank.
- É Construction of RCC dyke for keeping of oil & grease drums near to the crusher area
- É Construction of earthen settling tank in accordance with the contour profile of the area and network of drains should be connected to these tanks. The accumulated water may be used for dust suppression purposes also.
- É Regular cleaning of water logged pit being used by villagers is highly recommended to avoid any social issues.
- É The crusher has been observed at the entry point of the lease area, though crusher has not been operated on regular basis. The slope of the land of the crusher area has been observed toward the road side passing near the lease area. Spillage of crushed material will contaminate the area and the nearby agricultural field also, hence regular vigilance is required. Further it is recommended
- É To create the garland drain along the slope (road side) and drain should provide and at pit number 02 (abandoned water logged pit).
- É Garland drain has been observed around the dumps having sufficient depth and surrounding all-around the dumps. One settling tanks were observed towards the river side (south direction) and the drain ends to the settling tanks. It is also suggested to create outlet in the form of drain and it should meet the natural drainage gully of the area, which is moving towards the river side. This will prevent the siltation to the river. Otherwise all the runoff water which carries the silt will be spreaded over the land outside of the lease area.
- É The dewatering is proposed through the pumps and natural drainage patterns governed by the gullies. The gullies and the man made drain are parallel after the mine road. Hence it is also suggested to carry out plantation in between the dumps and passages to be used for dewatering to prevent the soil erosion.
- É The abandoned water logged pit should be given proper shape and fencing arrangement. Benches should prepare as it is being used for bathing and for other domestic purposes. It is also suggested to develop fish culture activities

#### **Noise Pollution Control Measures**

Following management practices have been observed for the present operation.

- " Hydraulic drills has been used for drilling;
- " All moving parts are properly lubricated; and Non-moving parts are properly fastened.
- " Hydraulic Rock Breaker is used for breaking boulders instead of conventional pop shooting;
- " Explosives is blasted in confined stage or optimum stemming column is maintained during charging of holes;

In order to further control with respect to expanded capacity, following measures are adopted:

- " Row of trees are planted all around mine premises to reduce propagation of noise and dust due to blast outside the lease;
- " No blasting shall be done when the sky is clouded because cloud cover can cause reflection of pressure wave back to the ground level at some distance from the blast

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- " The workforce working at the mining face, where high noise level is expected, has been provided with protective device for occupational safety, however it's wearing should be made compulsory to them.
- " Vibratos screens exciter should be covered and the screen will be with closed covers.
- " Conveyor belts need to be joined by vulcanized splice.
- " Inspection and maintenance scheduled need to be nicely formulated and strictly adhered to.
- " Receiving and discharge chutes should be maintained in good condition
- " Acoustic treatment for rotating equipments
- " Noise generating machinery, should strictly be in compliance with the recommendations of the manufacturers. This would ensure an installation free from vibration and exhaust leaks which are also major contributors to increased noise levels
- " Provision of insulating caps and aids at the exit of noise source on the machinery
- " Formation of internal dump and green belt development will also muffle the noise to a great extent.
- " Maintenance of machines and vehicles has been carried out regularly. The scheduling of frequency is need attraction.
- " Use of physical barriers and green belt development around the mine to restrict the noise from going outside the mine boundary during operation

**Solid Waste Management**

- " The nature of waste is in the form of lateritic soil and overburden is in the form of weathered siliceous material along with weathered fines of dolomite. At present, 22nos. of lateritic soil dumps and mine waste dumps are observed in lease area which covers about 1.5438ha area. During the past mining, about 48900 m<sup>3</sup> mine waste was generated. During the next five year period old dumps no. D-1 to D-3, D17, D18, D21 & D22 will be re-handled and dumped in 7.5m barrier zone and during 1<sup>st</sup> year, Dump D13, D14 will be re-handled and used for backfilling purpose in already mined out area
- During the 6<sup>th</sup> year to conceptual period about 380252m<sup>3</sup> mine waste generated and same will be used for backfilling purpose. No waste dump will be available at the end of conceptual period
- During the conceptual period about 16.3005ha area will be excavated and out of these, 10.3525ha area will be backfilled. About 4.948ha area will be converted as water reservoir with proper benches, fencing, which will also help to recharge ground water.
- During the conceptual period, about 614589 m<sup>3</sup> lateritic soil with mine waste will be generated and same will be used for backfilling purpose. Existing waste dump has been stabilized by grasses and shrubs.

**Budget for Environmental Protection**

SN	Head	Approximate Capital cost (Rs. In lacs)	Basis	Approximate recurring cost per annum (Rs. in lacs)	Basis
1	Air pollution monitoring	2.0	Cost includes water spraying arrangement	2.20 (Rs 4500/- per sample)	Expected cost includes regular monitoring by approved third party
2	Water pollution monitoring	5.0	Include cost of septic tank, garland drain, Settling tanks (7-9 no.)	0.80 Rs 3500/- per sample for G/w, S/w, M/D etc)	Expected cost includes regular monitoring by approved third party
3	Noise pollution	Nil	-	0.25	Expected cost includes regular

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**MINUTES OF STATE EXPERT APPRAISAL COMMITTEE 155<sup>th</sup> MEETING 11<sup>th</sup> November 2014**

SN	Head	Approximate Capital cost (Rs. In lacs)	Basis	Approximate recurring cost per annum (Rs. in lacs)	Basis
	monitoring				monitoring by approved third party
4	Solid and hazardous waste management	3.0	Capital cost include cost of RCC dyke for keeping of oil drums	0.25	Expected cost of cleaning and maintenance
5	Environmental Monitoring and management	1.5	-	2.0	Recurring cost would incur on hiring of consultants for environmental management
6	Plantation at Site	2.0	Plantation in and around site	1.0	Maintenance of plantation
7	De-siltation of pit and ST	-	-	2.0 (0.50 per quarter)	Quarterly basis

**Activity –wise CSR plan and budget provisions**

S. No.	Need Identified For CSR Plan	Activities	Duration	Frequency	Budgetary Provision (Rs.)
1.	Total quality education for girls and adult education camps	Scheduled evening classes ensuring quality education for drop outs or out-reach girls and adult education camps for illiterate women who have attained 30 years of age; who were not enrolled or required to be enrolled in primary school	12 months	Regular	40,000
2.	Health and hygiene awareness camps and check-ups	Seasonal medical camps to öKeep Community disease free through preventionö. The diseases like diarrhea, malaria, dengue, hookworm etc. get spread due to irregular lifestyle and lack of knowledge. This CSR activity will be implemented taking an action in knowledge sharing how to adopt a healthy lifestyle and how to prevent unwelcoming diseases.	Quarterly	Four camps a year	35,000
3.	Ensuring clean water and safe sanitation	Education and awareness generation campaign, wall writing, village level theme camps, participatory learning	Quarterly	Four campaigns a year	20,000

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**MINUTES OF STATE EXPERT APPRAISAL COMMITTEE 155<sup>th</sup> MEETING 11<sup>th</sup> November 2014**

	practices	& action (PLA), village and local natural resource mapping.			
4.	Maintenance of narrow roadways and tree plantation	The time to time maintenance of narrow roadways connoting people from cities and incorporate various saplings roadside area used for the transportation sequentially.	-	Scheduled	65,000
Total					<b>160,000</b>

**Existing and Proposed Forestation plan**

Year	Unworked area green belt		Pit bench		Backfilled area		Banjar river side		Total	
	Area (Ha)	Trees	Area (Ha)	Trees	Area (Ha)	Trees	Area (Ha)	Trees	Area (Ha)	Trees
Existing	As given table no. 2.9 (A)									
1 <sup>st</sup> to 5th	0.5	750	-	-	-	-	0.5	750	1.0	1500
6 <sup>th</sup> to CP	-	-	1.0	1500	10.3525	15230	-	-	11.3525	16730
Total	0.5	750	1.0	1500	10.3525	15230	0.5	750	14.6775	23600

**Budget Allocation for Plantation:** A separate budget of Rs 355000 has been proposed for plantation/ Green belt development Plan.

**CSR Action Plan**

Stage of FC is reported to be clear and temp working has been issued by the MoEF. The issue of prior EC is subject to the issue of Forest Clearance. Based on the submission and presentation made by the PP committee decided to recommend the case for issue of prior EC subject to the following special conditions :

1. Forest Clearance shall be obtained and submitted to the authority.
2. Early stabilization of all new dumps to be taken up.
3. Re handling of dump should be taken carefully to avoid spillage towards agricultural field.
4. Back filling need to started on concurrent basis as soon as mining resumes its operation.
5. Proper slope and benches with retaining wall for the dumps is suggested to prevent spillage of waste to agricultural land.
6. About 4.948 ha area proposed to be converted as water reservoir shall be developed with proper benches, fencing and aesthetics.
7. The existing garland drains towards Banjar River have to be re-designed keeping in view the future exploitation. The dumps in this region shall be stabilized on priority.
8. All suggestions made in the EMP have to be executed as essential conditions.

**23. Case No. 1646/2013-** M/s Khajuraho Stones (India) Pvt. Ltd. Owner, 6th km Sagar Road, Dhandari, P.O. & Distt- Chhatarpur (M.P.)-471001- M/s Khajuraho Stones (India) Pvt. Owner, 6th km Sagar Road, Dhandari Ltd., P.O. & Distt- Chhatarpur (M.P.)-471001- **Luhani Rock Phosphate Deposit Lease Area- 13.20 Ha., at Khasra No.-1008, 1007, 1005/1, 1005/2, 1006, 1003/1, 1003/2, 1002, 1001, 984, 979, 980, 978, 975, 1028/9, 1028/10, 1028/11, 1028/12, at Village – Luhani, Tehsil- Bakshwaha, Distt- Chhatarpur (M.P.) Capacity- 1,00,000 MT/Year. ToR (133 SEAC Meeting dt. 15/05/13) issued vide letter no.- 648 dt. 20/08/13 Env. Consultant – CES, Bhopal.GRC India(P) Ltd. Noida (U.P.)**

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This is a mining project in an area of 13.20 ha, the mineral proposed for mining is rock-phosphate. The project falls under category B-1 of the schedule of EIA Notification and requires prior EC under the provisions of said notification. TOR was issued by SEAC vide letter dated 15/05/2013. The EIA for the project was forwarded by the SEIAA to SEAC for appraisal and recommendation. The salient features and the location aspects were presented by the PP and his consultant before the committee in 155<sup>th</sup> meeting dated 11<sup>th</sup> November, 2014, which reveals following:

**General Introduction of the project:**

- The area was previously granted under prospecting license for 2 years period vide State Government order no.- 2-225/2011/12-1 dated 14.12.2011.
- The PL deed was executed on 06.02.2012 for 2 years period w.e.f. 06.02.2012 to 05.02.2014.
- The State Government has sanctioned the area under mining lease for 30 years period vide order No. ó 1458/Khanij/2012 dated 04.09.2012 over an area of 13.20 hectares.
- The estimated project cost is Rs. 1.0 crore. Life of mine is 30 years.

**Project details**

<b>Project</b>	<b>Luhani Rock phosphate Deposit</b>
Location	Village : Luhani Taluka : Bakswaha District : Chhatarpur State : Madhya Pradesh
Total Area	13.20 ha
Type of Land	Partly Government, Partly Own & Partly Private Land (Non- Forest Barren Land)
Screening Category	BØCategory
Cost of the Project	Rs. 1.0 crore.
Employment Generation	60
Mining Plan	Mining Plan has been approved by IBM vide letter no MP/Chhatarpur/ R.Phosphate /MPLN/ G-05/ 12-13 dated 19-04-2013 for grant of Mining Lease.
Road	The lease area is about 80 kms from Distt. Headquarter Chhatarpur (M.P.) via Bara Malhara & Hirapur. Chhatarpur ó Hirapur ó Sagar PWD road at a distance of 3.5 kms in south west direction.
Railway Station	The nearest railway station is Sagar at a distance of about 75 km on Katni- Bina BG section of Central Railway.
Airport	Khajuraho is about 92 Km in aerial distance.
Dist. Headquarter	Chhatarpur is about 80 Km

[R.B. Lal, Chairman]

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[A.A. Mishra, Secretary]

Highest Elevation	387 m A.M.S.L
Lowest Elevation	364 m A.M.S.L.
Ultimate depth of Mining	15 m BGL (Up to 349 m AMSL)
General Slope:	The topography of the lease area is undulating and hilly on a mound running SE ó NW with general slope towards north west.
Ground water table	25 m BGL (339 m AMSL).
Latitude	24°22'28.4" to to 24°22'47.9" North
Longitude	79°09'06.8" to 79°09'27.0ö East

**Sensitive Features in the region**

<b>Forest</b> Tigoda RF Shahgarh RF Hirapur RF Indora RF Dalipur RF Palda RF PF	<b>Distance –Direction</b> About 3.0 km in East. About 2.5 km in SW and 6 Km in South. About 5.0 km in SE . About 4.5 Km in NE. About 7 Km in NE About 6 Km in ENE About 4.5 km in South.
<b>Water Bodies</b> Chandiyapur Main Canal Ratua Nalla Lanch Nadi Bila Nadi Kalidahan Nadi Kulla Nala	<b>Distance –Direction</b> About 1.5 km in SW. About 1 km in North About 3.2 km in SW About 3.0 km in West About 7.5 km in ESE About 4.0 km in NW

**Salient features of the project:**

ORE TO BE MINED	Rock Phosphate
Mining Methodology	Opencast other than fully mechanized with drilling & blasting.
Total Mineral Reserve	2.827 Million Tonnes
Total Waste Generation	2550 T/month
Rate of Production	1,00,000 TPA
Anticipated Life of Mine	30 year based on present level of exploration

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**Mining Method:**

- “ Opencast other than fully mechanized method of mining will be adopted in the Mine lease area.
- “ The excavation of OB/ ore will be done by manual means as well as excavator cum loader.
- “ The loading and transport of OB and ore will also be done by deployment of HEMM.
- “ In order to prevent haphazard excavation of pits, the development/production has been proposed at one place in quarry.
- “ Controlled Drilling and blasting has been proposed of 32mm dia holes upto 1.5m depth. The spacing will be 1.0m and burden 0.80m.
- “ The development and the ultimate pit limit has been designed keeping in view 7.5m barrier as per Rule 111 of MMR 1961.

**Land use pattern**

S. No	LAND USE	Existing	Lease Period end/Mine Life End
1	Total area excavated (broken)	1.13	11.707
2	Area fully mined out (out of 1)	Nil	(11.707)
3	Area fully reclaimed (Backfilled out of 2)	Nil	(5.707)
4	Area rehabilitated out of 3 by afforestation	Nil	(5.707)
5	Area rehabilitated by water harvesting	Nil	(6.0)
6	Total area under dumps	0.25	Nil
7	Area under active dumps	Nil	Nil
8	Area under mineral stack	Nil	Nil
9	Area under Road	0.25	Nil
10	Green Belt	Nil	1.493
11	Area under infrastructure	Nil	Nil
12	Undisturbed area	11.57	Nil
	<b>TOTAL</b>	<b>13.20</b>	<b>13.20</b>

After deliberations PP was asked to submit response to the following queries:

- Comments from the competent authority on the issue of existence of large number of bird species in the region.
- Water and air analysis reports presented in the EIA report need to be reviewed/ revisited in view of several discrepancies pointed out by committee.
- The committee was not satisfied with the approach adopted by the consultant in preparation of EIA report particularly the discrepancies in analysis and survey based data/ information

**24. Case no. - 104/2008 M/s Anand Mining Corporation, Pathak Ward, P.O.Katni, Distt: Katni, (M.P.) 483501** Dubiyara & Tikaria Iron Ore Mine Vill: Dubiyara and Tikaria, Tah: Sehora, Distt: Jabalpur, Area: 26.002 Ha, Prod: 1.0 Million T/Y. TOR issued - dated- 07/08/08.

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The EIA presentation for the project was made before the committee in the 46<sup>th</sup> meeting dated 28/01/2010., whereby PP was asked to submit point-wise response for the queries of the committee. The reply for the queries was submitted by the PP and PP was asked to make a presentation on the same. PP and his consultant presented the matter before the committee in this meeting which reveals following:

1. **NOC from 'Gram Sabha'**. 6 NOC has been submitted and found to be in place.
2. **Latest NOC from forest department – PP submitted following explanation with supporting documents:**

- That, the area was previously granted to Shri Vishambhar Prasad Pathak under ML on 21.09.1959. The area was recorded as revenue land.
- Mining lease was granted to the lessee for 20 years period from 02.04.1987 to 01.04.2007. The area was recorded as revenue land. The lessee during the course of ML produced 885291 tons of Iron ore. The whole ML area is degraded by mining and allied activities and there are huge mineralized stacks of Iron ore still left in the ML area.
- The lessee applied for renewal of ML, EC and sought NOC from the forest department.
- The Collector Jabalpur vide its order No. 770/d/Khanij/2007 dated 27.09.2007 after hearing the DFO and lessee found that the lease area is revenue land and not forest land as per the revenue records. (copy enclosed ).
- That, the DFO vide letter dated 22.12.2008 wrote to the collector to reconsider the matter on administrative side.
- That, the lessee moved to Honøble High Court Jabalpur for deciding the renewal application of mining lease dated 03.03.2006 vide writ petition No. 6557/2012. The Honøble High Court Jabalpur quoted as under.
- The State Forest Department vide its letter dated 15.11.2006 directed the collector and DFO that in case of any dispute with regard to revenue or forest land, the collector should exercise the jurisdiction as settlement officer conferred to it under section 88 of the code which has been amended under section 90, the said powers are vested in the settlement officers and the decision taken by the collector would become final.
- The collector exercising the power of settlement officer would become final.
- The DFO wrongly 2<sup>nd</sup> time asked the collector to reconsider the matter. To decide the application of DFO letter dated 22.12.2008
- That, the Commissioner vide order dated 09.01.2014 quashed the order of the Collector order dated 27.09.2007.
- That, the lessee appealed before the Revenue Board, Gwalior Madhya Pradesh under Section 44 (2)(3) of M.P. land revenue code 1959. The board heard the matter and observed in light of Honøble High Court judgment in writ petition No. 6557/2012 following facts.
  - (i) The collector exercising the power of settlement officer would become final.
  - (ii) The DFO wrongly 2<sup>nd</sup> time asked the collector to reconsider the matter.
  - (iii) The Commissioner's order to quash the order of collector is beyond its power. The commissioner has no power to comment on order of collector after finding of the Honøble High Court. The revenue board observed that the order

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of Commissioner is against the order of Hon'ble High Court and hence is not admissible

- That, the revenue board up held the order of collector dated 27.9.2007 and quashed the order of Commissioner dated 09.01.2014 and declared the area as revenue land vide its order dated 10.09.2014 in case No. 209/B-121/2012-13. (Copy of order submitted by the PP).

It was submitted by the PP that in light of above, the order of the revenue board may be treated as NOC in respect of forest land.

3. **Full details of the nearby habitation with exact distances from the lease boundary and population etc.** – submitted by the PP and found to be satisfactory and acceptable.
4. **Detailed dense plantation scheme towards village tikariya & dubiyara has to be provided-** The PP committed to do dense shelter belt plantation towards the habitation area of village Dubiyara & Tikaria in north and NW. The tree density will be 2500 tree per hect. During 1<sup>st</sup> 5 years 10836 trees will be planted in 4.335 ha area mainly toward habitation site in north and NW. The shelter belt plantation will reduce the air and noise pollution and will not only act as acoustic source of barrier but will also lead to aesthetic beauty of the area.
5. **Written commitment for fulfillment of the public hearing issue regarding strengthening of the road to be submitted** – Submitted by the PP, found to be satisfactory and acceptable. The PP committed to maintain the approach road near the mining lease area and the road through which transportation of ore will be carried out. The lessee has made a provision of budget of Rs. 2.50 Lac per annum under CSR for fulfilment of the public hearing issue regarding strengthening of the road in the buffer zone along with the local panchayat and administration.
6. **Detail of air pollution control equipment proposed in crusher to be furnished. Submitted by the PP as follows:**
  1. Minimum 6 meter high compound wall along crusher periphery towards road side.
  2. a) Reduce spillage from screen hopper to conveyer belts by providing box type arrangement b) Suitable exhaust and venting system of adequate capacity to be provided to guide the dust emanating from the crushers in to the staff through cyclone to collect the dust.
  3. a) Hood for Screening, Classifier and Crusher b) Cover conveyor belts with semi circular eco friendly sheet. c) Rotary screen to be completely closed leaving space at bottom for collection. d) Considering predominant wind direction, wind breaking wall shall be constructed. e) Provide dust containment facility at
    - 1) Below crusher discharge area,
    - 2) Vibratory screen and Belt conveyer transfer points
  - f) Provide dust suppression system (i.e. water spray through nozzles) comprising of A water tank, Pump On-line water filter, GI pipes with valves and fittings and Water spray nozzles
  - g) Adequate plantation all along the periphery of crusher premises.
  - h) The fugitive dust emission will be kept minimum.
7. **Plan with commitment for plantation in 33% of project area within lease period to be submitted. Map showing green belt to be submitted** – Submitted by the Pp as follows:

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Year	Green belt		Backfilled/Reclaimed area		Total	
	Area (ha)	Trees	Area (ha)	Trees	Area (ha)	Trees
Present	1.05	2625	0	0	1.05	2625
1 <sup>st</sup>	1.05	2625	0	0	1.05	2625
2 <sup>nd</sup>	1.10	2750	0	0	1.10	2750
3 <sup>rd</sup>	0.5	1250	0	0	0.5	1250
4 <sup>th</sup>	0.5	1250	0	0	0.5	1250
5 <sup>th</sup>	0.135	336	0	0	0.135	336
6 <sup>th</sup> to 10 <sup>th</sup>	0	0	4.00	10000	4.00	10000
11 <sup>th</sup> to 15 <sup>th</sup>	0	0	8.00	20000	8.00	20000
16 <sup>th</sup> & 17 <sup>th</sup>	0	0	6.00	15000	6.00	15000
Before end of Lease period	0	0	2.9675	70000	2.967	70000
<b>Total</b>	<b>4.335</b>	<b>10836</b>	<b>20.9675</b>	<b>52000</b>	<b>25.302</b>	<b>62836</b>

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. Appropriate garland drains shall be constructed all around the OB dumps and these shall be connected to the settling tank of suitable size such that no silt may be drained outside the MLA.
2. Minimum 6 meter high compound wall along crusher periphery towards road side shall be ensured.
3. Box type arrangement shall be provided to reduce spillage from screen hopper to conveyer belts
4. Suitable exhaust and venting system of adequate capacity to be provided to guide the dust emanating from the crushers in to the staff through cyclone to collect the dust.
5. Hood for Screening, Classifier and Crusher b) Cover conveyor belts with semi circular eco friendly sheet. c) Rotary screen to be completely closed leaving space at bottom for collection. d) Considering predominant wind direction, wind breaking wall shall be constructed.

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6. Provide dust containment facility at
  - 1) Below crusher discharge area,
  - 2) Vibratory screen and Belt conveyer transfer points
7. Provide dust suppression system (i.e. water spray through nozzles) comprising of a water tank, Pump On-line water filter, GI pipes with valves and fittings and Water spray nozzles.
8. Adequate plantation all along the periphery of crusher premises.
9. No drilling and blasting shall be permitted in the mining operations.

**25. Case No. – 1923/2014 Shri Lalji Khangar S/o Shri Bardani Khangar, Village-Barua, Tehsil-Gorihar, District-Chhatarpur (MP)- Sand Quarry Khasra No. 614 at Village-Barua, Tehsil-Gorihar, District-Chhatarpur (MP) ,Lease Area – 1.113 ha., Capacity - 9500 Cubic mt.. /Year.**

This is a case of sand removal from agriculture fields. It was reported by the PP that sand deposition in the agriculture fields was due to heavy floods in the nearby river. Now for removal of the sand, Mining Department has issued lease for one time removal of sand from the fields. The application for prior EC was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at *Khasra No. 614 at Village-Barua, Tehsil-Gorihar, District-Chhatarpur (MP)* in 1.113 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, Chhatarpur that no mine is operating/proposed within 1 Km around the proposed project site. It was reported by the PP that after removal of sand the fields shall be used for agriculture purpose. The 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. The removal of sand shall be done manually.
2. No sieving devices shall be installed in the lease area.
3. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA
4. Transportation of material shall be done in covered vehicles.
5. Curtaining of site shall be done using appropriate media.
6. Production of sand shall be as per the mining plan not exceeding 9500 m<sup>3</sup>/Year and up to the level of the soil surface.
7. The proposed plantation should be carried out along with the mining and PP would take care that these plants attain full growth.
8. Transportation shall not be carried out through forest area.
9. PP shall take CSR activities in the region through the Gram Panchayat
10. Validity of the EC shall be for 02 years.

**26. Case No. – 1924/2014 Shri Manish Kumar Gupta, Chhoti Bazar, Jhanda Chouraha, Banda (UP)-210001- Prior Environment Clearance for approval of proposed Sand Quarry in River Ken**

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*Khasra No. 55 at Village-Mohana, Tehsil-Ajaygarh, District-Panna (MP) , Lease Area - 2.00 ha., Capacity - 69595 Cubic mt. /Year.*

This is a case of sand mining from river Ken. The application for prior EC was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at *Khasra No. 55 at Village-Mohana, Tehsil- Ajaygarh, District-Panna (MP) in 2.00 Ha.* The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. It was reported by the concerned Mining Officer, that no mine is operating/proposed within 1 Km around the proposed project site. The submissions made by the PP pertaining to mining method, transportation and the CSR activity are satisfactory. It was further noted that as per the DFO's report the Ken Ghariyal Sanctuary is 5.75 Km from the project boundary. Committee is of the view that as the project site is located within 10 km of PA, the provisions of MoEF Circular dated 20/08/2014 is applicable. Accordingly, the project has to be forwarded to the Chief Wild Life Warden (CWLW) for obtaining comments and recommendations in the light of above circular. The project requires further discussion before making any recommendations to the SEIAA.

**Meeting ended with thanks to the Chair and the Members**

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