

The 61<sup>th</sup> meeting of the Second State Expert Appraisal Committee (SEAC-II) for mining projects was held on 25<sup>th</sup> November, 2016 under the Chairmanship of Dr. Navin Chandra for discussion on the query responses submitted by the PP and the projects issues received from SEIAA. The following members attended the meeting-

1. Dr. Mohd. Akram khan, Member.
2. Shri. Mohd. Kasam khan, Member.
3. Shri. Prashant Shrivastava, Member.
4. Dr. Sonal Mehta, Member.

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

**1. Case No. – 2769/2015 Smt. Ratna Singh W/o Shri Sudhir Singh, Krishna Nagar, District-Satna (MP)-485011 Prior Environment Clearance for Limestone & Laterite Mine in an area of 17.408 ha. (Expansion in production capacity from 20,000 MTA to 4,18,635 TPA) at Khasra no.-1/2,2/1, 2/4, 1/3, 1/4, 1/5, 1/6, 2/2, 2/3,8/2, 8/3, 8/5k, 8/5kh, 8/5G, Village-Aber, Tehsil-Rampur Baghelan, District-Satna.Consultant: M/s Apex Mintech Consultants.**

This is a case of mining of Limestone & Laterite Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no.-1/2,2/1, 2/4, 1/3, 1/4, 1/5, 1/6, 2/2, 2/3,8/2, 8/3, 8/5k, 8/5kh, 8/5G, Village-Aber, Tehsil-Rampur Baghelan, District-Satna 17.408 ha. The project requires prior EC before commencement of any activity at site.

As per the above, the TOR was issued to the PP vide letter no. 1875 dated 05/11/2015. PP has submitted the EIA report vide letter dated 05/11/2016 which was forwarded by the SAEIAA vide letter no. 4378/SEIAA/16 dated 10/11/2016 and the case was scheduled for presentation.

The EIA was presented today by the PP and their consultant and after presentation, PP was asked to submit following information:

1. As per the mining plan in the year 2006-07, limestone production was 53,450T, while the approval was for only 20,000 T. Thus PP should justify for over production and also the copy of production assessment sheet issued by Mining Officer for the year 2005-06 to 2007-08.
2. Revised plantation scheme with its budgetary allocations.
3. Details of blasting technique and Safety- Security measures proposed by the PP.
4. Revised estimate cost of dust suppression & plantation scheme in EMP
5. Revised CSR as suggested by the committee during presentation.
6. Compliance of earlier E.C conditions duly verified by the MoEF&CC.

**2. Case No. 3262/2015 Shri Rajesh Bhujang S/o Shri Narayan Prasad Bhujang, Chhatri Mandi, Lashkar, District-Gwalior (MP) Prior E.C for approval of Stone Quarry Lease Area - 1.070 ha., Capacity - (20,000 cum/year) at Khasra No.-80/3, Vill.-Pachara, Teh.-Datia, District-Datia (MP).**

This is a case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-80/3, Village-Pachara, Tehsil-Datia, District-Datia (MP) 1.070 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 79, dated: 20/3/15, has reported that there are 17 more mines operating or proposed within 500 meters around the said mine with total area-42.780 ha including the proposed mine.

Earlier this case was scheduled again for presentation in 57<sup>th</sup> SEAC-II meeting dated-09/11/16 wherein it is recorded that Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the SEAC-II 49<sup>th</sup> meeting, dated-19/09/2016. Committee decided to give last chance to PP for making presentation in the subsequent meetings of SEAC after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project”.

Today, the case was again scheduled for the presentation today but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Earlier PP was also absent in the 49<sup>th</sup> SEAC II & in 57<sup>th</sup> SEAC II meeting. Committee decided that since sufficient opportunities have been given to the PP for appraisal and consideration of the project wherein PP remain absent, the case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

**3. Case No.-5287/2016 Shri Mohiuddin Shaikh S/o Shri Ayazuddin Shaikh, Leease, R/O - 1, Moti Bunglow, Dewas – 455001.Prior Environment Clearance for Stone Quarry in an area of 9.00 ha. (20,000 cum/year) at Khasra no.-772 & 774, Village-Surajpur, Tehsil - Shajapur, Dist. Shajapur (MP).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no.-772 & 774, Village-Surajpur, Tehsil -

Shajapur, Dist. Shajapur (MP) 09.00 ha. The project requires Prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 634 dated: 23/05/2016 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant in the 43<sup>rd</sup> SEAC II meeting dated 28/07/2016 wherein it was observed from the Google image based on the co-ordinates provided by the PP that a natural drain is at a distance of 500 meters however, as per certificate of OIC, Office of collector, Shajapur it is mentioned that the natural drain is at a distance of 50 meters which could not be located on the Google image. After presentation, PP was asked to submit following information:

1. Revised EMP and CSR with enhanced budgetary provisions.
2. Name of village where CSR activity shall be carried out.
3. Mine water discharge management plan with details of garland drain & settling tank on map.
4. Proposed methods of blasting.
5. Revised plantation scheme with no. of plants and budgetary provisions.
6. Clarification from OIC, Office of collector, Shajapur regarding the exact distance of the lease from the natural drain.

This case was scheduled again for presentation in the 58<sup>th</sup> SEAC meeting dated 10/11/2016 wherein it is recorded that Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings and even if the PP remains absent, the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

The case was again scheduled for presentation today but PP remains absent. Thus Committee decided that since sufficient opportunities have been given to the PP for appraisal and consideration of the project wherein PP remain absent in the 58<sup>th</sup> and 61<sup>st</sup> SEAC meeting, the case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

- 4. Case No. - 3085/2015 Shri Chandar Sing S/o Shri Juwan Singh, Sasari Piplya, Teh.-Sitamau, Mandsaur (M.P.)-458990. Tatka Group River Sand Quarry Lease Area - 11.00**

**Ha., Capacity - 6,400 cum/year at Khasra No.- 1830, 383/338 & 1039, Vill.-Bhagor, Tatka & Meriyakhedi Teh.-Sitamau, Dist-Mandsaur (M.P.)**

This is case of Tatka Group River Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-1830, 383/338 & 1039, Vill.-Bhagor, Tatka & Meriyakhedi Teh.-Sitamau, Dist-Mandsaur (M.P.) 11.00 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 1000 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no.1309, dated: 13/08/15, has reported that there are 02 more mines operating or proposed within 1000 meters around the said mine with total area of -19.50 ha including this Mine.

Today, the case was again scheduled for the presentation today but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Earlier PP was also absent in the 245<sup>th</sup> SEAC & in 58<sup>th</sup> SEAC II meeting. Committee decided that since sufficient opportunities have been given to the PP for appraisal and consideration of the project wherein PP remain absent, the case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

**5. Case No.-5436/2016 Shri Madam Singh S/o Shri Bheem Singh, Vill. Karadiya, Teh. Alote, Dist. Ratlam, MP – 457118. Prior Environment Clearance for River Sand Deposit Quarry in an area of 12.00 ha. (1800 cum per annum) (Khasra no. 01) at Village-Kalakhedi, Tehsil - Alote, Dist. Ratlam (MP).**

This is case of River Sand Deposit Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at (Khasra no. 01) at Village- Kalakhedi, Tehsil - Alote, Dist. Ratlam (MP) 12.00 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 1000 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 385 dated: 24/06/16 has reported that there is no more mine operating or proposed within 1000 meters around the said mine.

Today, the case was again scheduled for the presentation today but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised

or to make any commitment which may be desired by the committee during the deliberation. Earlier PP was also absent in the 43<sup>rd</sup> and 53<sup>rd</sup> SEAC II meeting. Committee decided that since sufficient opportunities have been given to the PP for appraisal and consideration of the project wherein PP remain absent, the case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

**6. Case No.4203/15 Shri Kailash Chandra Gupta, M/s Esteem Infrabuild Pvt. Ltd., Sub Lessee, M/s M.P. State Mining Corp. Ltd., P-4, Lal Bahadur Nagar, Durgapura, Jaipur. Prior Environment Clearance for approval of Sand Quarry in an area of 23.810 ha. (2,38,100 cum/year) at Khasra no.-1576, Village-Ajnaar, Tehsil-Lahar, District-Bhind (MP).**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no.-1576, Village-Ajnaar, Tehsil-Lahar, District-Bhind (MP) 23.810 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 1000 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no.22, dated: 19/08/15, has reported that there are 02 more mines operating or proposed within 1000 meters around the said mine with total area of 36.810 ha including this mine.

Today, this case was scheduled again for presentation wherein it is recorded that Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 53<sup>rd</sup> SEAC-II meeting dated-13/10/16. Committee decided to give last chance to PP for making presentation in the subsequent meetings of SEAC after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

**7. Case No. - 2483/2015 ShriRajeshRathoreShriPremNarayanRathoreR/oVill.Talen,Distt-Rajgarh (M.P.) Sand Quarry Lease Area - 10.00 ha., Capacity -10,000 cum/year at Khasra No.-34, at Vill.-Piplod Purani, Th.--Shujalpur, Distt-Shajapur(M.P.)**

This is a case of mining of stone boulder. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-34, at Vill.-Piplod Purani, Th.-Shujalpur, Distt-Shajapur(M.P.) in 10.00 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 1000 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar & DFO. It was reported by the concerned Mining Officer of mining department vide letter no. 295 dated 07/03/15, that 01 mine is operating / proposed within 1000 meter radius around the said mine and the total lease area is 16.00 ha.including this mine.

Earlier the case was delisted in 338<sup>th</sup> SEIAA meeting dated 04/06/2016 as PP has not submitted the complete information. SEIAA in its meeting no. 362 dated 26/08/2016 has relisted the case as PP has submitted the desired information and sent the case to SEAC II for appraisal vide letter no. 3694/SEIAA/16 dated 20/09/2016.

Today, this case was scheduled again for presentation wherein neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 54<sup>th</sup> SEAC-II meeting dated-14/10/16. Committee decided to give last chance to PP for making presentation in the subsequent meetings of SEAC after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

**8. Case No.-5314/2016 Shri Narayan Singh Sondhya, Salariyakheda, Teh. Biora, Dist. Rajgarh.. Prior Environment Clearance for Sand deposit in an area of 10.0 ha. (15000 cubic meter per year) at Khasra no.-76,Village-Ragunathpura, Tehsil - Makhsudangargh, Dist. Guna (MP).**

This is case of Sand deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no.-76, Village-Ragunathpura, Tehsil-Makhsudangargh, Dist. Guna (MP) 10.0 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 1000 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 870 dated: 09/03/16 has reported that there is no more mine operating or proposed within 1000 meters around the said mine.

Earlier this case was discussed in 56<sup>th</sup> SEAC-II meeting dated-08/11/16 wherein it was recorded that: *“Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Earlier PP was also absent in the 46<sup>th</sup> SEAC II meeting dated 26/08/2016. Committee decided that since sufficient opportunities have been given to the PP for*

*appraisal and consideration of the project wherein PP remain absent, the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.”*

It was brought to the notice of the committee that this case was already recommended for delisting in 56<sup>th</sup> SEAC-II meeting dated 08/11/16 and by mistake it is scheduled in this agenda which was considered by the committee.

**9. Case No.5217/15 Shri Omprakash Jat S/o Radhakrishan Jat, Proprietor, Village Panthpiplai, Tehsil - Ujjain, Distt Ujjain – 457779. Prior Environment Clearance for River sand mine in an area of 7.880 ha. (2364 cum/year) at Khasra no.-1, 3, 11, 12, 13, 15, 41 54, Village-Piplyaragho, Tehsil - Ujjain, Dist.Ujjain (MP).**

This is case of River sand mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no.-1, 3, 11, 12, 13, 15, 41 54, Village-Piplyaragho, Tehsil - Ujjain, Dist.Ujjain (MP) 7.880 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 3215, dated: 10/12/15 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant in the 38<sup>th</sup> SEAC II meeting dated 13/07/2016 wherein it was observed as per the Google image of December, 2015 that a bridge is in existence in the southern side at approx. 90 meters away from the QL area, thus committee decided that 10 meters area be left in the QL from the bridge side. It was also observed from the same Google image that most part of the lease area is submerged in the water and the area shown for the excavation of sand as per approved mine plan is submerged in water and sand evacuation from this part of the QL is not possible. However, at the meandering side of river sand is available but this portion of QL is not approved for sand evacuation as per approved mine plan. Committee after deliberations decided that PP may be asked to submit the revised production plan duly approved by the competent authority for further consideration of the project.

Earlier this case was discussed in 56<sup>th</sup> SEAC-II meeting dated-08/11/16 wherein it was recorded that neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings and even it

the PP remains absent, the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

The case was again scheduled for presentation today but PP remains absent. Thus Committee decided that since sufficient opportunities have been given to the PP for appraisal and consideration of the project wherein PP remain absent in the 38<sup>th</sup> and 56<sup>th</sup> SEAC meeting, the case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

**10. Case No. - 3092/15 - Shri Raj Kumar Nema, OIC, Sub Off., M.P. State Mining Corporation Ltd., H.No. 12 Ward No. 17, Sainath Colony, Meenakshi, Hoshangabad (MP)-461001. Prior E.C for approval of Baghwad River Sand Quarry in Lease Area - 16.00 ha.Capacity 1,50,000 cum/year at Khasra No.-192/1, 136, Vill.-Baghwad, Teh.-Timarani, District-Harda (MP).**

This is case of Baghwad River Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site, at Khasra No.-192/1, 136, Vill.-Baghwad, Teh.-Timarani, District-Harda (MP) 16.00 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 1000 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vides letter no.-13338, dated: 29/09/15, has reported that there is no more mine operating or proposed within 1000 meters around the said mine.

Earlier this case was discussed in 56<sup>th</sup> SEAC-II meeting dated-08/11/16 wherein it was recorded that: *“The case was presented by the PP and their consultant in the 28<sup>th</sup> SEAC II meeting dated 02/06/2016 wherein it was observed as per the Google image of May, 2016 based on the co-ordinates provided by the PP that a water stream is crossing the lease and another stream is joining the lease. Thus committee after deliberations decided that PP should submit revised land use plan addressing above issues.*

Today, this case was scheduled again for presentation wherein neither (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 56<sup>th</sup> SEAC-II meeting dated-08/11/16. Thus Committee decided that since sufficient opportunities have been given to the PP for appraisal and consideration of the project wherein PP remain absent in the 56<sup>th</sup> and 61<sup>st</sup> SEAC meetings, the case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.



**11. Case No.-5456/2016 M/s MOIL Limited, MOIL Bhavan, A-1, Katol Road, Nagpur, Maharashtra - 440013 Prior Environment Clearance for Manganese Ore Mining in an area of 48.974 ha. (0.120 MTPA) (Khasra no. 44759/1-59/8, 62-1-62/12, 63, 89/1-21, 96/1-96/5, 97/1-97/5, 99/1-99/3, 100/1-100/2, 101) at Village- Lugma, Tehsil - Baihar, Dist. Balaghat (MP).**

This is case of Manganese Ore Mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site, (Khasra no. 44759/1-59/8, 62-1-62/12, 63, 89/1-21, 96/1-96/5, 97/1-97/5, 99/1-99/3, 100/1-100/2, 101) at Village- Lugma, Tehsil - Baihar, Dist. Balaghat (MP).

M/s MOIL has proposed underground mining of Manganese ore in an area of 48.974 Hectares at Survey No: 59/1-59/8,62/1-62/12,63,89/1-21,96/1-96/5,97.1-97/5,99/1-99/3, 100/1-100/2,101,Lugma Village,Baihar, [Paraswada] Tehsil,Balaghat District, Madhya Pradesh. The proposed production of Manganese is 0.120 MTPA. Mining Lease was granted for a period of 50 years by Department of Mineral Resources, Government of M.P. vide letter no.F-3-35/2011/12-1, dated 05.06.2015 and recommended by Ministry of Mines, Government of India, New Delhi vide letter No.5/1/2014/- M.IV, 16/10/2014.The Mining plan was approved by IBM,Nagapur Regional Office, L.No.BGT/MN/ MPLN-1149/NGP, dated 19/05/2015.

The mining is underground mining. The mine lease area comes in Survey of India top sheet No. 64 C/5. The latitude and longitude of the boundary pillars are 21<sup>0</sup>58' 46.123'' N, 80<sup>0</sup>28' 6.516'' E, 21<sup>0</sup>58' 46.373'' N, 80<sup>0</sup>27' 46.532'' E. The region has good deposits of Manganese and has major demand in Steel industry. Geographically the mine is located in the center of India with well connected networks of Roads. The location advantage of the mine makes it possible to dispatch the Manganese in all the directions giving easy accessibility to the market.

**The Salient Features of the Project**

Project Name	Lugma Manganese Mine of M/s. MOIL Limited
Mining Lease Area	48.974 hectares
Location of Mine	Survey No: 59/1-59/8,62/1-62/12,63,89/1-21,96/1-96/5,97.1-97/5,99/1-99/3,100/1-100/2,101 Lagma(V), Baihar (M), Balaghat(Dt), Madhya Pradesh.
Toposheet number	64 C/5, 64 B/8
Type of activity	Manganese Mining
Proposed production of mine	0.120 MTPA
Method of mining	Underground Mechanized mining

	[Horizontal cut and fill stoping with post filling by sand
EC Appraisal Category	B1
Type of Land	Private Land
Drilling/Blasting	Controlled Blasting and drilling is proposed.
No. of working days	300 days
Water demand	100 m <sup>3</sup> per day
Sources of water	Water will be supplied from Water tankers from the nearby area
Man power	50
Nearest railway station	Railway station- 32.60 Km
Nearest airport	Nagpur Airport – 200 km
Interstate Boundary	Lugma to Chhattisgarh – 42.81 km Lugma to Maharashtra – 45.31 km
Nearest Village	Lugma Village – 0.8 km [NW]
Recovery claimed M:W	70 :30
Nearest River/ Stream/Canal etc	Nahara Nadi – 2.89 km [W] Kis Nallah – 4.53 km [SE]
National Park	None within 15 kms
Wild Life/Protected Forest/Ecological sensitive zones	None within 15 kms
Reserve Forest boundary [Sarekha RF]	<ul style="list-style-type: none"> <li>• 260 m from RF Boundary Pillar No.7, [COMP.No 1797]</li> <li>• 167 m from RF Boundary Pillar No.8 COMP.No 1797]</li> <li>• 25-27 m from RF Boundary [COMP.No 1516]</li> </ul>

**Connectivity:**

Lugma mine is located in Baihar Tahsil of Balaghat District, Madhya Pradesh. The mine takes the name of a village. The mine is at 33.5 km from Balaghat town. The Balaghat-Paraswada (Baihar) road (S.H.No.26) almost touches South Western part of the Manganese deposit of Lugma - Ukwa. Paraswada (Baihar) is 24 km further ahead from mine site.

Balaghat is connected by all weather roads to important places like Nagpur, Gondia, and Raipur etc.

**Project cost:** The proposed mining project cost is Rs. 77 lakhs.

The case was presented by the PP and their consultant. It being a case of major minerals of underground mining in an area of 48.974 ha committee decided that monitoring should be carried out atleast on 10 locations selected on the basis of environmental sensitivity. Committee also proposes to carryout site visit of this lease (if possible) and any additional TOR may be given after site visit. After presentation and deliberations, committee recommended to issue standard TOR prescribed by MoEF&CC with following additional TORs:-

1. Compliance of consent conditions of the MP Pollution Control Board should be obtained from concerned Regional Officer.
2. Top soil management plan be discussed in the EIA report.
3. Subsidence study should be carried out and discussed in the EIA report.
4. Inventory of operating / proposed mines within 2 Km around the said mine should be provided in the EIA report.
5. Evacuation Plan on a map to be provided with transport route, required infrastructure and man-power.
6. Any alternate route avoiding the nearby habitations (if any).
7. Mine ventilation and illumination layout should be addressed in EIA report.
8. Details of tailing pond should be discussed in EIA report.
9. Details of sand stowing should be provided with EIA report.

**12. Case No. -5191/16 Shri Rajeev Saxena, DGM, Sub Office-Dhar, MP State Mining Corporation, Paryavas Bhawan, Block-A, 2nd Floor, Jail Road, Arera Hills, Bhopal (MP)-462011 Prior Environment Clearance for Sand Mine Deposit in an area of 14.154 ha. (56,250 cum/year) at Village-Jalood, Tehsil-Maheshwar, District-Khargone (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra no.-105/1/1/1, Village-Jalood, Tehsil-Maheshwar, District-Khargone (MP) 14.154 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 1000 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vides letter dated:

30/4/16, has reported that there is 01 more mine operating or proposed within 1000 meters around the said mine with total area of -29.154 ha including this mine.

Earlier this case was discussed in 52<sup>nd</sup> SEAC-II meeting dated-12/10/16 wherein it was recorded that:

*“Please refer minutes of 26<sup>th</sup> SEAC-II meeting dated-24/05/2016 where TOR was approved*

*As per the above, the TOR was issued to the PP vide letter no.866 dated 28/05/2016.*

*MP State Mining Corporation Limited, Bhopal vide their letter no.421 dated 17/08/2016 has also informed that it is a case of non-cluster as per GOI, MoEF&CC notification dated 01/07/2016 as this lease was sanctioned prior to the 09/09/2013. Concerned Mining Officer vide letter no.173 dated 01/08/2016 has issued a certificate stating that above lease was sanctioned vide order no. F4-1/2010/12/01 dated 22/09/2010 and thus does not falls under the perview of cluster approach as per GOI, MoEF&CC notification dated 01/07/2016.*

*SEIAA vide letter no. 3173/SEIAA/16 dated 16/08/2016 and 3240/SEIAA/16 dated 26/08/2016 has also instructed to appraise such cases on priority as per GOI, MoEF&CC notification dated 01/07/2016 and thus committee decided that as per the above instructions of SEIAA, all such cases should be appraised on the priority on the basis the lease documents available in the file/representation submitted by the PP.*

*Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings and even it the PP remains absent, the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.”*

Today, this case was scheduled again for presentation wherein neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 52<sup>nd</sup> SEAC-II meeting dated-12/10/16. Thus Committee decided that since sufficient opportunities have been given to the PP for appraisal and consideration of the project wherein PP remain absent in the 52<sup>nd</sup> and 61<sup>st</sup> SEAC meetings, the case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

- 13. Case No. -5188/16 Shri Rajeev Saxena, Dy. GM, Sub Office-Dhamnood, MP State Mining Corporation, Paryavas Bhawan, Block-A, 2nd Floor, Jail Road, Arera Hills, Bhopal (MP)-462011 Prior Environment Clearance for Sand Mine Deposit in an area of 21.450**

**ha. (82,500 cum/year) at Khasra No.-28/1/1/1, Village-Bhasunda, Tehsil-Maheshwar, District-Khargone (MP). (Absent in 53<sup>rd</sup> meeting)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra No.-28/1/1/1, Village-Bhasunda, Tehsil-Maheshwar, District-Khargone (MP) 21.450 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 1000 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter dated: 30/4/16, has reported that there are 01 more mine operating or proposed within 1000 meters around the said mine with total area of 41.045 ha including this mine.

Earlier this case was discussed in 53<sup>rd</sup> SEAC-II meeting dated-13/10/16 wherein it was recorded that:

*“Please refer minutes of 26<sup>th</sup> SEAC-II meeting dated-24/05/2016 where TOR was approved*

*“As per the above, the TOR was issued to the PP vide letter no. 894 dated 28/05/2016.*

*MP State Mining Corporation Limited, Bhopal vide their letter no.421 dated 17/08/2016 has also informed that it is a case of non-cluster as per GOI, MoEF&CC notification dated 01/07/2016 as this lease was sanctioned prior to the 09/09/2013. Concerned Mining Officer vide letter no.172 dated 01/08/2016 has issued a certificate stating that above lease was sanctioned vide order no. F4-1/2010/12/01 dated 22/09/2010 and thus does not falls under the perview of cluster approach as per GOI, MoEF&CC notification dated 01/07/2016.*

*SEIAA vide letter no. 3173/SEIAA/16 dated 16/08/2016 and 3240/SEIAA/16 dated 26/08/2016 has also instructed to appraise such cases on priority as per GOI, MoEF&CC notification dated 01/07/2016 and thus committee decided that as per the above instructions of SEIAA, all such cases should be appraised on the priority on the basis the lease documents available in the file/representation submitted by the PP.*

*Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings and even it the PP remains absent, the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.”*

Today, this case was scheduled again for presentation wherein it is recorded that Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 53<sup>rd</sup> SEAC-II meeting dated-13/10/16. Thus Committee decided that since sufficient opportunities have been given to the PP for appraisal and consideration of the project wherein PP remain absent in the 53<sup>rd</sup> and 61<sup>st</sup> SEAC meetings, the case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

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

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

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no.2103, dated: -16/11/15, has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of-61.44 ha including this mine.

**Environment setting**

Particulars	Details
Location`	Village-Dhamdha , the- Sihora, Dist Jabalpur (MP)
Latitude	23° 23'19.3" to 23° 23'35.1" North
Longitude	80° 02'24.8" to 80° 02'059.3"East
Nearest Village	Dharampura - Adjoining - S
Nearest National/state Highway	Jabalpur – Varanasi - NH-7 – 0.25 km- ESE
Nearest Railway Station	Gosalpur - 1.25 km - SE
Nearest Airport	Jabalpur - 23.0 km

Nearest Tourist Place within 10km radius.	None within 10km radius
Archaeological Important Place within 10km radius.	None within 10km radius
Ecological Sensitive Areas	None within 10km radius
Reserved / Protected Forest within 10km radius (Boundary to boundary distance)	Borha RF -9.0km - SE
Nearest River	Heran River - 2.0km- NNW Barne River - 8.15km – E
Nearest Nalla/ pond	Budhasagar Tank - 3.75km – SW Barne Reservoir - 8.50km - SE Maral Reservoir - 9.25km – SE Gosalpur Talab - 1.15km – ENE Local Nalla - 1.60km – N Canal - 6.50km - SE Pond - 1.0km- SW
Nearest Hill Ranges	None within 10km radius
Other lease area within 500m radius	M/s S. S. Enterprises, Gosalpur - NE M/s Narayan Metals & Minerals – NNE
Other Industries within 10km radius	M/s Sagar Stone Beneficiation plant M/s Rajeev Chadda Beneficiation plant Cattle Feed Plant

It was reported by the PP that

- The fresh lease was granted for period of 50 years from 06.01.2016 to 05.01.2066.
- The lease area comes under govt. waste land
- One other lease area are located within 500m radius
- The scheme of mining with progressive mine closure plan has been approved by IBM, Nagpur
- After excavation of mineral, beneficiation will be done through put capacity of 3,00,000 MTPA.

### Sailent feature of the lease area

Particulars	Details
Type of Mine	Open Cast (OTFM)
Mining Lease Area	22.00ha
Mineable Area	16.04ha
Existing Pits & Quarries	3.9869 ha
Existing dump	2.2866ha

Plantation	Nil
Recoverable Reserve	Laterite – 520474.00 MT Fe Ore- 646022.00 MT Mn Ore- 356846.00 MT
Ultimate Depth of Mining	402 m MSL
Ultimate Pit Slope	45 <sup>o</sup>
Expected Life of Mines	8 years
Lease Period	50 years
Stripping Ratio	1 :0.25
Existing mode to transportation	Road
Area to be covered under dumps in conceptual period	Nil
Area covered under pit in conceptual period	16.04 ha
Area to be fully reclaimed by conceptual period	0. 2650ha
Area to be partially reclaimed by conceptual period	14.0ha upto 0.5 to 1.0m
Area to be covered under plantation by conceptual period	16.7650 ha
Area to be covered under water reservoir	1.0 ha
Elevation	422-400 m MSL
Ground water table	
Monsoon period	10 m bgl (390 m MSL)
Dry month	15m bgl (385m MSL)
Production per day (MT)	1003MT
Dumper per day (24MT)	42 no.

### Existing and proposed land use plan

Items	Existing	Conceptual Period
Total lease area	22 ha	
Elevation MSL	422-400	
Ultimate depth of mining	1-20 mt ( 421-402m MSL)	20 mt (402m MSL )



Ultimate pit slope	45 degree	45 degree
Area under dumps	2.2866 ha	Nil
Area under pits	3.9869 ha	16.04 ha
Volume of OB	56723 cum	124677 cum (Will be used for backfilling)
Area to be fully reclaimed	Nil	0.2650 ha
Area to be partillay reclaimed (spreading of waste)	Nil	14.0ha X0.5-1.0m thick
Infrastructure & Road	0.2734 ha	0.1 ha
Mineral storage	Nil	Nil
Beneficiation plant	Nil	2.00 ha
Plantation	Nil	16.7650 ha
Water body	Nil	1.0 ha
Area to be rehabilitated	Nil	16.7650ha

Earlier this case was discussed in 36<sup>th</sup> SEAC-II meeting dated-04/07/16 wherein it was recorded that: *“The case was scheduled for presentation today wherein PP and their consultant were present. PP submitted that their lease is within 250 meters of forest land and thus they have applied for the Divisional Committee for hearing. PP further submitted that due to above reasons, three months time may be given to them for obtaining Divisional Committee recommendations. PP has also submitted a written request for this vides their letter dated 30/06/2016 and 04/07/2016. Committee after deliberations decided that on the request of PP 02 month’s time may be given to PP for submission of Divisional level Committee recommendations.”*

PP vide letter dated 15/11/2016 has submitted a request that NOC from Divisional Forest Committee is under consideration and site inspection is done by the concerned authorities and recommendations have been forwarded to the committee by DFO. Considering the recommendations, NOC will be issued after the meeting of the Divisional Committee and thus requested that they may be allowed for TOR presentation and committee recommendations (NOC) will be submit before public hearing. Committee after deliberations considered the request of PP as per above submission.

The case was presented by the PP and their consultant. It being a case of major minerals committee recommended to issue standard TOR prescribed by MoEF&CC with following additional TORs:-

1. Compliance of consent conditions of the MP Pollution Control Board should be obtained from concerned Regional Officer.
2. Top soil management plan be discussed in the EIA report.
3. Inventory of operating / proposed mines within 2 Km around the said mine should be provided in the EIA report.

4. Evacuation Plan on a map to be provided with transport route, required infrastructure and man-power.
5. Alternate route to be proposed by the PP.
6. Technical details of rock blasting to be submitted in EIA report.
7. Minimum 08 monitoring stations to be taken up for the EIA study.
8. Complete details of tailing pond with specification in the EIA report.
9. NOC of Divisional Commissioner Level Committee should be submitted before public hearing and same should also be appended with the EIA report.

**15. Case No. -1983/2014 Shri Pradeep Mittal, Director, M/s Balaji Marble and Tiles Pvt. Ltd., 11-12 Dunne Market, Jabalpur Road, Bargawan, Katni (MP)-483501. Prior Environment Clearance for approval of proposed Katouli River Sand Quarry in an area of 7.00 ha. at Khasra no.-2502 Village-Katouli, Tehsil-Singrauli, District- Singrauli (MP)**

This is case of Katouli River Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site, at Khasra no.-2502 Village-Katouli, Tehsil-Singrauli, District- Singrauli (MP) 7.00 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 1000 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no.1661, dated: 11/11/14, has reported that there are no more mines operating or proposed within 1000 meters around the said mine.

Earlier this case was discussed in 58<sup>th</sup> SEAC-II meeting dated-10/11/2016 wherein it was observed that: *“this case was Return to SEIAA in 1<sup>st</sup> SEAC-II meeting dated-02/02/2016 as SEIAA in its 284<sup>th</sup> meeting dated 23/01/2016 has taken following policy decision in response to the directives of Hon’ble NGT in their order dated 06/01/2016 in Appeal No. 53/2015:-*

*“All cases pertaining to sand mining, the mining plan to be submitted by Director, Geology and Mining should include details about annual replenishment of sand in the leased area and the normal water level prevalent in the lean season. The cases recommended by SEAC and under process in SEIAA will be considered only after the revised mining plan duly incorporating the additional chapters as directed above by the Hon’ble NGT is submitted by the PP and duly approved by the competent authority. The cases will be reappraised by SEAC on the basis of revised mining plan and in accordance with the directives of the Hon’ble NGT”.*

*After this case was discussed in 369<sup>th</sup> SEIAA meeting dtd-23/09/2016 and it has been recorded in the minutes that "After detailed discussion and perusal of query response in 346<sup>th</sup> SEIAA meeting dtd-27/06/2016, PP has submitted the replenishment plan on 03/09/2016 and therefore it has been decided to relist the case and sent the information to SEAC for appraisal.*

*SEIAA has forwarded technical file along with Replenishment Plan vide letter 4113 dated-13/10/2016.*

*Today, case was placed for discussion and presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings and even if the PP remains absent, the case shall be returned to SEIAA assuming that PP is not interested to continue with the project."*

Today, this case was scheduled again for presentation wherein it is recorded that Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 58<sup>th</sup> SEAC-II meeting dated-10/11/16. Committee decided to give last chance to PP for making presentation in the subsequent meetings of SEAC after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

**16. Case No.- 2862/2015 Shri Vikash Sharma, Mahaveer Colony, Sendhwa, Distt. - Barwani (MP)-451666. Mehatgaon River Sand-Bajri Deposit Lease Area - 7.770 ha.Capacity - 7,425 cum/year, at Khasra No.- 38, Vill.-Mehatgaon, Teh.-Sendhwa, District-Barwani (MP).**

This is case of Mehatgaon River Sand-Bajri Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site, at Khasra No. - 38, Vill.-Mehatgaon, Teh.-Sendhwa, District-Barwani (MP) 7.770 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 1000 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no.266, dated: 31/03/15, has reported that there are no more mines operating or proposed within 1000 meters around the said mine.

Earlier this case was discussed in 58<sup>th</sup> SEAC-II meeting dated-10/11/2016 wherein it was observed that: *Earlier this case was recommended for E.C in 213<sup>th</sup> SEAC meeting dated-08/08/2015.After this case was discussed in 372<sup>nd</sup> SEIAA meeting dtd-28/09/2016 and it has*

*been recorded in the minutes that: "This case was recommended by SEAC in 213<sup>th</sup> meeting dtd-08/08/2015 in 233<sup>rd</sup> SEIAA meeting dtd-04/09/2015 a query was raised for collector, Barwani to submit NOC of the works Department for the stability of two bridges following within the lease area. Therefore EE, PWD Indore has reported that no mining activity should be carried out in 500 m. distance from the road bridge and also deep mining should be prohibited. PP and other concerned were asked to modify the mining plan on account of the NOC provided by the EE, PWD."*

*Subsequently the case was delisted on account of non submission of desired information by the PP. Now PP has submitted the requisite information (modified mining plan) and therefore the case is hereby relisted and sent to SEAC-II for re-appraisal by SEIAA vide letter no 4215 dated-18/10/2016.*

*Today, case was placed for discussion and presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings and even if the PP remains absent, the case shall be returned to SEIAA assuming that PP is not interested to continue with the project."*

Today, this case was scheduled again for presentation wherein it is recorded that Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 58<sup>th</sup> SEAC-II meeting dated-10/11/16. Thus Committee decided that since sufficient opportunities have been given to the PP for appraisal and consideration of the project wherein PP remain absent in the 58<sup>th</sup> and 61<sup>st</sup> SEAC meetings, the case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

### **DISCUSSION ON QUERY REPLIES SUBMITTED BY PP**

**17. Case No.-3298/2015 Shri O.G. Goyal, Executive Director & Nominated Owner, M/s Hira Power & Steels Ltd., 101-C, Parwani Complex, Civil Line, Raipur (CG)-492001. Prior E.C for approval of Dolomite Mine in an area of 13.25 ha. (6,00,000 TPA) at Vill.-Kakiya, Teh.-Bichiya, District-Mandla (MP).**

This is case of Dolomite Mine in an area of 13.25 ha. (6,00,000 TPA) at Khasra No.-Block HK 1-1399, 1406, 1440, 1441, 1442, 1443, 1444/1-6, 1445, 1446, 1447, 1448, 1489/1-3, 1491, 1492, 1493, 1494, 1495, 1496, 1497, Block HK 3-1425, 1427, 1429/1, 1430, 1431, 1432, 1455/1-2, 1456, 1457, 1458, Village-Kakiya, Tehsil-Bichiya, District-Mandla (MP) where TOR is to be issued.

Particulars	Details			
Lessee and address	Hira Power & Steels Ltd. Unit – I, Plot no. 557, 563 & 564 Urla Industrial complex, Raipur – 492003 (C.G.)			
Name of Project	Kakaiya Dolomite mine			
Location of project	Village – Kakaiya, Tehsil – Bichhiya, Dist. Mandla (M.P.)			
Whether new or expansion project	New			
Type of mine	Open Cast mechanized			
Project cost	Rs. 5.94 crore			
Latitude, Longitude	Longitude: 80° 26' 39.5" E Latitude: 22° 28' 39.6" N			
Toposheet No.	64 B/7			
Total Mine Lease area	<b>S.No.</b>	<b>Block</b>	<b>Area (Ha)</b>	
	1	HK 1	9.060	
	2	HK3	4.190	
	<b>Tota</b>		<b>13.25</b>	
Khasra numbers	<b>Block HK1</b> – 1399, 1406, 1440, 1441, 1442, 1443, 1444, 1445, 1446, 1447, 1448, 1489, 1491, 1492, 1493, 1494, 1495, 1496, 1497, <b>Block HK3</b> – 1425, 1427, 1428, 1429/1, 1430, 1431, 1432, 1455, 1456, 1457, 1458.			
Production	6, 00,000 TPA			
Life of Mine	10 Years			
Man Power	19			
Elevation	<b>S.No.</b>	<b>Particulars</b>	<b>Elevation</b>	
			<b>Block HK 1</b>	
	1.	Highest (mRL)	464	
	2.	Lowest (mRL)	460	
Land use	<b>S. No.</b>	<b>Particulars</b>	<b>Area (ha.)</b>	
	1)	Non-Forest land	13.25	
	<b>Total area</b>			<b>13.25ha.</b>
Nearest habitation/ town	Kakaiya.1.0 Km S			
Nearest Airport	Jabalpur 100.0 Km			
Nearest Highway	<b>S. No.</b>	<b>Highways</b>	<b>Distance</b>	<b>Direction</b>
	1.	SH -11	11 km	W
	2.	SH -12	12 Km	NW
Nearest railway track from mine boundary	SE Railway MP 8.0 Km W			

Power supply	Madhya Pradesh State Electricity Distribution Co. Ltd. - 33KV grid station		
Nearest Telephone	At mine site		
Nearest Dispensary and Govt. Hospital	Kakaiya.1.0 Km S		
Educational facility	Kakaiya.1.0 Km S		
Water demand and supply	The total water demand will be 9.0 KLD for the proposed project. 5.0 KLD for Mining and allied, 2.0 KLD for green belt development and 2.0 KLD for domestic use.		
Nearest tourist places	None within the 10 Km study area.		
Defense installations	None within the 10 Km study area.		
Archeological Features	None within the 10 Km study area.		
Ecological sensitive zones	None within the 10 Km study area.		
Nearest streams/ rivers/ water bodies (from mine boundary)	<b>S. No.</b>	<b>Watercourses (seasonal)</b>	<b>Distance &amp; Direction</b>
	1.	Banjar River	5 Km W
	2	Mathari river	4.5 N
	3	Surpan Nadi	2.0 Km N
Seismic zone	Seismic zone-II		
Annual Climatic Conditions	Max. Temperature – 45°C Min <sup>m</sup> Temperature – 6°C Average Rainfall–1250mm		
Open cast Mining	<p>The mining will be carried out by open cast mechanized method consists of following operations:</p> <p>(i) The haulage road will be constructed by maintaining a gradient of 1:16 with width of about 10 m for to &amp; fro movement of dumpers.</p> <p>(ii) The development will be carried out on the southern side of the lease area by removing OB of about 4.0 m thick and this will form the first bench (OB bench). The OB will be removed using a excavator fitted with ripper and transported to the dump yard.</p> <p>(iii) After removal of OB, production of dolomite will start with a bench height of 6 m.</p> <p>(iv) The blast holes will be drilled by DTH drill machine of</p>		

	<p>80 mm dia for blasting. Thereafter, the oversized blasted mass will be reduced by hydraulic rock breaker to loadable size (from 0 to 1200 mm) which will be transported by excavator/dumper combination to destination point.</p> <p>(v) The recovery of saleable dolomite will be expected as 95% of the total ROM and the remaining 5% constituting of intercalation material, like schist, micaceous material and chert in voids encountered within the dolomite bands will be separated manually and will form waste, which will be used for preparation and maintenance of haul roads.</p>																																																																																																																							
<p>Land Use Break Up</p>	<p><b>Table showing the area "put to use" area to be reclaimed and financial assurance to be paid:</b></p> <table border="1"> <thead> <tr> <th>S. No.</th> <th>Head</th> <th>Area put On use at the start of Scheme (Ha)</th> <th>Additional Requirement during scheme Period (Ha)</th> <th>Total (Ha)</th> <th>Area considered As fully reclaimed &amp; Rehabilitated (Ha)</th> <th>Net area Considered for Calculation (Ha)</th> </tr> <tr> <td></td> <td></td> <td>A</td> <td>B</td> <td>C=(A+B)</td> <td>D</td> <td>E=(C-D)</td> </tr> </thead> <tbody> <tr> <td>1</td> <td>Area under mining</td> <td>---</td> <td>4.283</td> <td>4.283</td> <td>---</td> <td>4.283</td> </tr> <tr> <td>2</td> <td>Storage for Top soil/OB Dump</td> <td>---</td> <td>1.713</td> <td>1.713</td> <td>---</td> <td>1.713</td> </tr> <tr> <td>3</td> <td>Mining storage</td> <td>---</td> <td>Nil</td> <td>Nil</td> <td>---</td> <td>Nil</td> </tr> <tr> <td>4</td> <td>Crusher</td> <td>---</td> <td>Nil</td> <td>Nil</td> <td>---</td> <td>Nil</td> </tr> <tr> <td>6</td> <td>Infrastructure</td> <td>---</td> <td>0.050</td> <td>0.050</td> <td>---</td> <td>0.050</td> </tr> <tr> <td>8</td> <td>Area under Haulage Road/Ramp</td> <td>---</td> <td>0.100</td> <td>0.100</td> <td>---</td> <td>0.100</td> </tr> <tr> <td>9</td> <td>Waste Dump</td> <td>---</td> <td>Nil</td> <td>Nil</td> <td>---</td> <td>Nil</td> </tr> <tr> <td>10</td> <td>Railways</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> </tr> <tr> <td>11</td> <td>Green Belt</td> <td>---</td> <td>0.945</td> <td>0.945</td> <td>---</td> <td>0.945</td> </tr> <tr> <td>12</td> <td>Tailing pond</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> </tr> <tr> <td>13</td> <td>Effluent treatment plant</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> </tr> <tr> <td>14</td> <td>Mineral separation plant</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> </tr> <tr> <td>15</td> <td>Township area</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> </tr> <tr> <td>16</td> <td>Others to specify</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> </tr> <tr> <td></td> <td><b>Grand Total</b></td> <td><b>Nil</b></td> <td><b>7.091</b></td> <td><b>7.091</b></td> <td><b>---</b></td> <td><b>7.091</b></td> </tr> </tbody> </table>	S. No.	Head	Area put On use at the start of Scheme (Ha)	Additional Requirement during scheme Period (Ha)	Total (Ha)	Area considered As fully reclaimed & Rehabilitated (Ha)	Net area Considered for Calculation (Ha)			A	B	C=(A+B)	D	E=(C-D)	1	Area under mining	---	4.283	4.283	---	4.283	2	Storage for Top soil/OB Dump	---	1.713	1.713	---	1.713	3	Mining storage	---	Nil	Nil	---	Nil	4	Crusher	---	Nil	Nil	---	Nil	6	Infrastructure	---	0.050	0.050	---	0.050	8	Area under Haulage Road/Ramp	---	0.100	0.100	---	0.100	9	Waste Dump	---	Nil	Nil	---	Nil	10	Railways	---	---	---	---	---	11	Green Belt	---	0.945	0.945	---	0.945	12	Tailing pond	---	---	---	---	---	13	Effluent treatment plant	---	---	---	---	---	14	Mineral separation plant	---	---	---	---	---	15	Township area	---	---	---	---	---	16	Others to specify	---	---	---	---	---		<b>Grand Total</b>	<b>Nil</b>	<b>7.091</b>	<b>7.091</b>	<b>---</b>	<b>7.091</b>
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3	Mining storage	---	Nil	Nil	---	Nil																																																																																																																		
4	Crusher	---	Nil	Nil	---	Nil																																																																																																																		
6	Infrastructure	---	0.050	0.050	---	0.050																																																																																																																		
8	Area under Haulage Road/Ramp	---	0.100	0.100	---	0.100																																																																																																																		
9	Waste Dump	---	Nil	Nil	---	Nil																																																																																																																		
10	Railways	---	---	---	---	---																																																																																																																		
11	Green Belt	---	0.945	0.945	---	0.945																																																																																																																		
12	Tailing pond	---	---	---	---	---																																																																																																																		
13	Effluent treatment plant	---	---	---	---	---																																																																																																																		
14	Mineral separation plant	---	---	---	---	---																																																																																																																		
15	Township area	---	---	---	---	---																																																																																																																		
16	Others to specify	---	---	---	---	---																																																																																																																		
	<b>Grand Total</b>	<b>Nil</b>	<b>7.091</b>	<b>7.091</b>	<b>---</b>	<b>7.091</b>																																																																																																																		

The case earlier was discussed in the 119<sup>th</sup> SEAC meeting dated 25/08/2015 wherein after deliberations following TORs were issued by the committee in addition to the standard TORs prescribed by the MoEF & CC:

1. Issues raised by commissioner office vide case no. 01/ML/2013 should be addressed in detail in EIA.
2. Issues rose in minutes of GoMP, Mining Department reference no. F-14-42/2013/12/2 regarding transportation of minerals through Mandla district should be discussed in EIA.

3. Two villages are in the vicinity of Mining lease area and same should be addressed in EIA with their protection plan.
4. Protection plan of all natural drainage and water bodies in the vicinity of mining lease area should be discussed in EIA.
5. Several trees are existing in mining lease area thus green belt development plan be discussed in the mining lease area.
6. Mineral evacuation and transportation plan should also be discussed in the EIA.

PP vide letter dated 28/10/2016 has submitted a request that as per new notification of MoEF their mine has now falls in to B2 category and thus considered as B2 category for EC which was considered in the 381<sup>st</sup> SEIAA meeting dated 04/11/2016. For decision on above request of PP, case was scheduled in agenda for discussion and decision.

The case was presented by the PP and their consultant in the 58<sup>th</sup> SEAC meeting dated 10/11/2016 wherein PP submitted that as per GOI, MoEF&CC notification dated 01/07/2016 their mine falls in B2 category as there are 04 more mines within 500 meters of the area as per the certificate issued by the mining officer vide letter no. 861 dated 20/08/2016 and out of these more 04 mines, 03 mines have got EC and thus their area should not be considered for cluster approach.

Committee on perusal of the documents submitted by PP observed that there are 04 more mines within 500 meters of this mine and one mine belongs to Shri Vinod kumar Agarwal, Mandla of 6.81 ha have got EC by SEIAA, MP on dated 27/04/2012 (before 15/01/2016) and rest 02 mines have got EC's from DEIAA (but after 15/01/2016). Hence the area of mine belongs to Shri Vinod kumar Agarwal, Mandla of 6.81 ha will not be counted in cluster approach as per GOI, MoEF&CC notification dated 01/07/2016. Deducting the area of 6.81 ha from the total cluster area of 29.80 ha, the effective area will be 22.99 ha which is less than 25.00 ha. Committee after deliberation decided that on the above basis this mine will not fall under B1 category and should be appraised as B2 considering the total area is <25.00 ha and Dolomite is declared as minor minerals by Govt. of India vide Gazette notification **S.O.** 423(E) dated 10 Feb. 2015.

Committee further informed to PP that as per the GOI, MoEF&CC notification dated 01/07/2016 they have to submit comprehensive EMP through QCI/NABET accredited consultant considering all other mines within 500 meters in EMP and regional EMP. PP submitted that they have prepared the EMP as per the GOI, MoEF&CC notification dated 01/07/2016 and thus were allowed for the presentation.



During presentation, it was observed by the committee that the lease is in forest area for which PP has obtained the approval of Divisional Commissioner Level Committee wherein committee recommends that the conditions stipulated by the Divisional Commissioner Level Committee should be complied by the PP. It was further observed by the committee that the lease is in two parts which is allotted by the Govt of MP for captive use vide letter dated 04/03/2014 in Block HK-1 of 09.060 ha and Block HK-3 of 04.190 ha with total area of 13.250 ha. As per MMR Rule, 1996 the lease should be compact and contiguous but PP during presentation submitted that The Mines and Minerals (Development and Regulations) Act, 1957, (6) lease can be allotted in even if it is not compact and contiguous. On perusal of the Mines and Minerals (Development and Regulations) Act, 1957, (6) committee observed that there is a provision but if such allotment is made by the authority the reason thereof should be mentioned. PP requested that SEAC may write a letter to Director, Geology and Mining, Bhopal for confirmation of above fact and allotment as per the provision of Mines and Minerals (Development and Regulations) Act, 1957. Committee after deliberations decided that a clarification should be obtained from Director, Geology and Mining, Bhopal for confirmation of facts as above for further consideration of the case.

PP vide letter no. 078 dated 16/11/2016 has submitted copy of the letter issued by the Director, Directorate of Geology and Mining, MP, Bhopal (issued vide letter no. 17853 dated 11/11/2016, copy also endorsed to MS, SEAC vide letter no. 17854 dated 11/11/2016) and requested committee to give them a chance to present their case for quarries raised in the 58<sup>th</sup> SEAC meeting dated 10/11/2016 which was considered by the committee after all the scheduled presentation today. During presentation PP informed that Director, Directorate of Geology and Mining, MP, Bhopal has issued clarification wherein it is stated that the mining lease has been sanctioned in two parts as per "The Mines and Minerals (Development and Regulations) Act, 1957" relaxing as per the provisions laid down in the section 6(1)(C). It is further stated by the Director that earlier Dolomite was categorized as major mineral which as per the GOI notification dated 10/02/2015 has been categorized in to minor minerals. The committee after deliberations decided that since Director, Directorate of Geology and Mining, MP, Bhopal has informed that the lease has been sanctioned in two parts as per the provisions laid down in The Mines and Minerals (Development and Regulations) Act, 1957 giving relaxation under section 6(1)(C), case can be considered. It was also brought to the notice of committee that SEIAA vide letter no. 3313/SEIAA/16 dated 31/03/2016 has forwarded a

complaint (dated 16/08/2016) regarding the above project. The committee observed that the villagers have made complaint to the Director, Directorate of Geology and Mining, Bhopal and others that the lease should not be sanctioned as it is the irrigated land having crop on it. Committee further observed that PP vide letter dated 10/11/2016 has informed with recent photographs that there is no standing crop in mining lease area and informed that they have also obtained the Gram Sabah NOC. Committee observed that since PP with the original application has submitted NOC from Gram Sabah wherein no objections are raised by the villagers and competent authority has sanctioned the lease thus any action if required should be taken by the lease sanctioning authority.

In view of above, the committee decided to consider above case as B-2 category and the EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production of Dolomite as per mine plan with quantity not exceeding 4,59,705 TPA.
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. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
4. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
5. The proposed plantation should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement. Entire plantation should be carried out in the initial 2-3 years while maintenance and causality replacement be done in subsequent years.
6. The OB should be properly stacked inside the ML area in barrier zone and disposed off as per the submitted plan.
7. Transportation of material shall be done in covered vehicles.
8. Transportation of minerals shall not be carried out through forest area.
9. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat.
10. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.

11. The lease is in forest area for which PP has obtained the conditional approval of Divisional Commissioner Level Committee thus the conditions stipulated by the Divisional Commissioner Level Committee should be complied by the PP.
12. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
13. PP will comply with all the commitments made by him in the letter dated 25/11/2016.

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

**(Prashant Shrivastava, Member)**

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

**(Dr. Sonal Mehta, Member)**

**(Dr. Navin Chandra, chairman)**

Following standard conditions shall be applicable for the mining projects of minor mineral in addition to the specific conditions:

**Annexure- 'A'**

**Standard conditions applicable to Stone/Murrum and Soil quarries:**

1. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
2. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA
3. Transportation of material shall be done in covered vehicles.
4. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
5. Curtaining of site shall be done using appropriate media.
6. The proposed plantation should be carried out along with the mining @45 trees per hectare and PP would maintain the plants for five years including casualty replacement.
7. Transportation shall not be carried out through forest area.
8. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat.
9. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
10. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
11. PP should also maintain a log book containing annual details of tree plantation and causality replacement.
12. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
13. Mining should be done as per the submitted land use plan submitted by PP.

**Annexure- 'B'**

**Standard conditions applicable for the sand Mine Quarries\***

1. The amount towards reclamation of the land in MLA shall be carried out through the mining department; the appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
2. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
3. Plantation shall be carried out on the banks for stabilization of the banks.
4. The mining activity shall be done manually.
5. No heavy vehicles shall be allowed to enter the river bed and the transportation of the sand from the excavation pits of the leased area to the loading point shall be through trollies (tractor trollies) and not by heavy vehicles. Only registered tractor trollies which are having the necessary registration and permission for the aforesaid purpose under the Motor Vehicle Act and also insurance coverage for the same shall alone be used for said purpose.
6. Transport vehicles will be covered with tarpauline to minimize dust/sand particle emissions.
7. For carrying out mining in proximity to any bridge and/or embankment, appropriate safety zone on upstream as well as on downstream from the periphery of the mining site shall be ensured taking into account the structural parameters, location aspects, flow rate, etc., and no mining shall be carried out in the safety zone.
8. No Mining shall be carried out during Monsoon season.
9. The depth of mining shall be restricted to 3m or water level, whichever is less.
10. No in-stream mining shall be allowed.
11. The mining shall be carried out strictly as per the approved mining plan and ensure that the annual replenishment of sand in the mining lease area is sufficient to sustain the mining operations at levels prescribed in the mining plan.
12. Established water conveyance channels should not be relocated, straightened, or modified.
13. If the stream is dry, the excavation must not proceed beyond the lowest undisturbed elevation of the stream bottom, which is a function of local hydraulics, hydrology, and geomorphology.
14. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
15. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
16. EC will be valid for mine lease period subject to a ceiling of 5 years.
17. Mining should be done as per the submitted land use plan submitted by PP.

Annexure- 'C'

Standard conditions applicable for the Khodu Bharu sand Mine Quarries\*

1. Mining should be done only to the extent of reclaiming the agricultural land.
2. Only deposited sand is to be removed and no mining/digging below the ground level is allowed.
3. The amount towards reclamation of the land in MLA shall be carried out through the mining department; the appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
4. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
5. The mining activity shall be done manually.
6. Heavy vehicles shall not be allowed for removal of sand.
7. The sand shall be transported by small trolleys up to the main transport vehicle.
8. Transport vehicles will be covered with tarpoline to minimize dust/sand particle emissions.
9. No Mining shall be carried out during Monsoon season.
10. PP shall take Socio-economic activity in the region through the 'Gram Panchayat'.
11. EC will be valid for mine lease period/mine plan subject to a ceiling of 5 years.
12. The mining shall be carried out strictly as per the approved mining plan.