

The 459<sup>th</sup> meeting of the State Expert Appraisal Committee (SEAC) was held on 23<sup>rd</sup> September, 2020 under the Chairmanship of Mohd. Kasam Khan for the projects / issues received from SEIAA. The following members attended the meeting in person or through video conferencing -

1. Dr. Mohd. Akram Khan, Member.
2. Dr. A. K. Sharma, Member.
3. Dr. Sonal Mehta, Member.
4. Dr. Jai Prakash Shukla, Member.
5. Dr. R. Maheshwari, Member.
6. Dr. Rubina Chaudhary, Member.
7. Shri A.A. Mishra, Secretary.

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

- 1. Case No. - 5761/2018 M/s Samle Prasad Gauri Shanker, Proprietorship Shri Prakash Chand Gupta, P.O. Jaitwara, District Satna (MP)-485221 Prior Environment Clearance for Selha Laterite, White Clay & Ochre Mine in an area of 12.67 ha. for production capacity of 1,25,000 TPA (Laterite- 1,00,000 TPA, Ochre- 20,000 TPA, Clay- 5000 TPA) at Village Selha, Tehsil Majhgawan, District Satna (MP)**

This is case of Laterite, White Clay & Ochre Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Village Selha, Tehsil Majhgawan, District Satna (MP) 12.67 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector's office (Ekal Praman Patra) vide letter no. 475 dated: 26/02/2016 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

Earlier this case was scheduled for presentation and discussion in 341<sup>st</sup> SEAC meeting dated 31/1/19 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 01/09/2020 which was forwarded through SEIAA vide letter no. 2578 dated 04/09/2020, which was placed before the committee.

The EIA was personated by the PP and their consultant where in the beginning chronology of the project was presented:

<b>SL. NO.</b>	<b>PARTICULARS</b>	<b>DETAILS</b>
1	The State Government granted the mining lease over the 31.30 Acres area previously held under PL for mineral Laterite, White Clay & Ochre Mine. The Mining lease has been executed for 40 years period in accordance with the MM (D&R) Amendment Act 2015. The lease deed was executed on 16.12.1976 to 15.12.2016 period This includes 12.67 Ha or 31.30 Acre area in Khasra no. 51, 52/1	vide letter No. 7409 dated 27.04.2018
2	Mining plan along with progressive mine closure plan has been approved by DGM	letter no- 4039/M.P/G-8/N.KRA 15/2017, Bhopal by Director, DGM dated 26.02.2018.
3	Forest NoC	Vide letter No. - 8761 dated 23.08.2018
4	ToR letter	TOR vide letter no.56/PS-MS/MPPCB/SEAC/TOR (341)/2018 dated 01.03.2019
5	Public Hearing was done at mine site in the presence of Upper Collector, Satna	24.07.2020

The salient features of the project are as follows:

1	Name of the project & its location	Laterite, White Clay & Ochre Mine in an area of 12.67 Ha or 31.30 Acre. (1,25,000 ton per annum) (Khasra no. 51, 52/1) at village - Selha, Tehsil - Majhgawan, Dist. Satna, MP.	
2	Name of the Company, Address Tele No. & E-mail :	M/s Samle Prasad Gauri Shanker P.O.- Jaitwara District – Satna (M.P.) Pin Code- 485221	
3	Latitude and Longitude of the project	<b>Latitude</b>	24°52'02.2" to 24°52'21.5" North
		<b>Longitude</b>	80°55'16.0" to 80°55'29.9" East
4	If a Joint venture,	Not Applicable	

	the names & addresses of the JV partners including their share		
5	Project brief: nature of proposal (new/expansion,) total area- land use, project components, connectivity to the site etc.	Nature of proposal	New
		Total area-land use	12.67 Ha or 31.30 acre
		ML Area Elevation	<ul style="list-style-type: none"> <li>• Highest elevation - 430 m AMSL towards centre</li> <li>• Lowest Elevation- 375m A.M.S.L. in south direction</li> </ul>
		Connectivity	<ul style="list-style-type: none"> <li>• Satna approx 32 Km towards SSW direction.</li> <li>• Chitahra Railway station, approx 8.5 km towards WSW direction.</li> <li>• NH-75, approx 33.5 km towards South direction.</li> <li>• Khajuraho Airport, approx 102 Km towards WSW direction</li> </ul>
6	Whether the project is in the Critically Polluted Area (CPA):	No	
7	Cost of the project :	Rs 1.0 Crores	
8	Employment generated/to be generated	43 person	
9	Benefits of the project	The project will give direct employment to 43 personnel, most of them will be skilled or semi-skilled & unskilled workers. Total area under Mining Lease is 12.67 ha or 31.30 acre. Out of which excavated area (7.42 ha) will be reclaimed and rehabilitated by plantation and 5.25 ha area will be developed as greenbelt. Total 15875 saplings will be planted. Project will also benefit to the state in the form of Royalty and fund in district mineral foundation for use in CSR. Also, the mine management will conduct CER activities in Selha village.	
10	Whether new or expansion project	It is new project for EC.	

	.If expansion: i from ..... MT to ..... MT ii What is the % of expansion	
11	If for expansion, whether the application is under 7(ii) of the EIA Notification, 2006	Not applicable, It is new project for EC.
12	If expansion, please indicate the number and date of the certified Compliance Report of Regional Office of the MoEF	Not applicable
13	No. and Date of the EC and the revised EC letter issued by the MoEF (if this is a case for reconsideration. If so, what specific reconsideration(s) being sought by the proponent)	Not applicable
14	If the project was considered in EAC, Pl. gives dates of the meeting (s)	Not applicable
15	Type of Mine: (Open cast/Underground/ mixed)	Open Cast mechanised
16	Capacity of the mine applied for	1,25,000 TPA
17	ML Area i. As per block	12.67 ha or 31.30 acres

	allotment ii. As per approved mine plan	
18	Date of Board's approval	Not applicable.
19	Date of Ground water clearance	Not applicable.
20	Date of mine closure approval	letter no- 4039/M.P/G-8/N.KRA 15/2017, Bhopal by Director, DGM dated 26.02.2018.
21	Any river/Nallha flowing near or adjacent to the proposed mine. If yes, please give details	Sitwa Nalla : Approx 4 km SSE direction. Hathiya Nalla : Approx. 3.5 Km South direction.

PP stated that Opencast semi mechanized method of mining will be adopted in the lease area. All operation of mining such as development, winning of ore and loading will be carried out by mechanized means. Sorting and sizing will be done by manual means as well. No drilling & blasting will be carried out. No OB is present and the mineral is out cropping at surface. The development in mineral Laterite will be carried out in 2 to 3 bench of height up to 6.0m. The width of the bench will be 6 to 10m. The benches in ochre / clay will be of height up to 3m and width not less than the height of the bench. The total thickness of ochre / clay zone is 9m and it will be worked in three benches of 3m each. However during the course of mining in order to increase recovery and better grade, 5 sub benches will be made within these 3 bench, highest elevation is 430m RL towards center while the lowest elevation is 375 m RL towards South direction. Working will be done by formation of benches as per M.M.R. 1961.

The PP further submitted that the approx. 740 number of trees are along the boundary of lease area. These trees are Sejha (757), Neem (5), Palas (4), Mamry (3), Bahera (1), Mahua (2), and Tendu (2). These trees will be preserved.

During presentation it was observed by the committee that a complaint was forwarded by SEIAA vide letter no. 1954 dated 07/01/2019 regarding this lease which was sent to collector and mining officer for submitting factual status vide this office. Office of Collector, vide letter no. 1643 dated 28/05/2019 has informed that complaint is baseless and gram Sabah has issued NOC for mining on this lease. It is further stated that their office has no objection for

EC on this lease. After detail discussion and deliberation, committee has asked PP to submit the following information:

- Revised plantation scheme considering additional 20% mortality rate of trees.

PP vide letter dated 23.09.2020 submitted query reply which was placed before the committee which was found satisfactory and acceptable to the committee. The EIA/EMP and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC for proposed Selha Laterite, White Clay & Ochre Mine in an area of 12.67 Ha. (1,25,000 ton per annum) (Khasra no. 51, 52/1) at village - Selha, Tehsil - Majhgawan, Dist. Satna, MP by Shri Samle Prasad Gauri Shanker, subject to the following special conditions:

**(A) PRE-MINING PHASE**

1. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
2. Necessary consents for proposed activity shall be obtained from MPPCB and the air / water pollution control measures should be practiced as per the recommendation of MPPCB.
3. Authorization (if required) under Hazardous and Other Wastes (Management and Trans boundary Movement) Rules, 2016 should be obtained by the PP if required.
4. PP will also carry out fencing all around the lease area.
5. For tree uprooting is proposed necessary permission from the competent authority should be obtained for the same.
6. For dust suppression, regular sprinkling of water should be undertaken.
7. Haul road shall be compacted on regular interval and transport road will be made pucca and shall be constructed prior to operation of mine.
8. PP will obtain other necessary clearances/NOC from respective authorities.

**(B) MINING OPERATIONAL PHASE**

9. No drilling & blasting will be carried out.
10. Working height of the loading machines shall be compatible with bench configuration.
11. No intermediate stacking is permitted at the mine site.
12. No dump shall be stacked outside the lease area.
13. Water sprinklers shall be provided in mine.
14. Curtaining of site shall be done through thick plantation all around the boundaries of all part of lease. The proposed plantation scheme should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement. Initially,

dense plantation shall be developed along the site boundary (in three rows) to provide additional protection in one year only.

15. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. As proposed in the EMP a minimum of 16450 plants shall be planted on barrier zone and backfilled area during lease period with survival rate of 80%.
16. Transportation of material shall be done in covered vehicles.
17. Transportation of minerals shall not be carried out through forest area.
18. The OB shall be reutilized for maintenance of road. PP shall bound to compliance the final closure plan as approved by the DGM.
19. Garland drain will be provided in 980m boundary of section 2.0m x 1.50m along with 5 settling tank of 30.0m x 7.50m x 3.0m . The protective bund will also be prepared around the periphery of the ML area in 5m width. Plantation will be raised on it. The sides of protective bund will be sloped at an angle of repose i.e. less than 30 degree from the horizontal. Short trenches and holes will be made to further avoid run off.
20. All garland drains shall be connected to settling tanks through settling pits and settled water shall be used for dust suppression, green belt development and beneficiation plant. Regular de-silting of drains and pits should be carried out.
21. Prosopis seeds shall be sowing through dribbling along garland drain soil.
22. For dust suppression over head sprinkler shall be provided while on transport road for dust suppression tankers shall be provided.
23. The existing and proposed land use plan of the mine is as follows:

Sr. No.	Heads	At present (ha)	At the end of Conceptual Period-(ha.)
1.	Pits (broken area)	1.70	(7.42)
2.	Dumps/Ore Stack	0.50	0
3.	Road	0.25	0
4.	Plantation (Green Belt)	1.0	5.25
5.	Infrastructure	0	0
<b>TOTAL</b>		<b>12.67</b>	<b>12.67</b>

24. Appropriate and submitted activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized through Gram Panchayat. Further any need base and appropriate activity may be taken up in coordination with local panchayat.
25. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
26. The commitments made in the public hearing are to be fulfilled by the PP.

27. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
28. PPE's such as helmet, mask and ear muffs etc should be provide to the workers during mining operations.

**(C) ENTIRE LIFE OF THE PROJECT**

29. In the proposed EMP, capital cost is Rs. 7.0 Lakh is proposed and Rs. 13.5 Lakh /year as recurring expenses.
30. Under CER activity, Rs. 2.0 Lakh per year has been proposed in different activities and should be implemented through respective committees.
31. The environment policy of the company should be framed as per MoEF&CC guidelines and same should be implemented through monitoring cell. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
32. A separate bank account should be maintained for all the expenses made in the EMP activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.
33. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
34. PP will comply with all the commitments made vide letter dated 23.09.2020
35. 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/ built-up area/ project area, addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.

**2. Case No. - 5922/2019 Smt. Sumitra Grover, Civil Lines, Near Rest House No. 1, PO & Dist. Katni, MP – 483501 Prior Environment Clearance for Limestone and Dolomite Mine in an area of 5.22 Ha. (80,000 tonne per annum) (Khasra No. 67 & 85), Village- Rajarwara, Tehsil - Vijayraghgarh, Dist. Katni.**

This is case of Limestone and Dolomite Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 67 & 85), Village- Vijayraghgarh, Tehsil - Katni, Dist. Katni (M.P.) 5.22 Ha. The project requires prior EC before commencement of any activity at site.

Earlier this case was scheduled for presentation and discussion in 351<sup>st</sup> SEAC meeting dated 16/3/19 wherein ToR was recommended.



PP has submitted the EIA report vide letter dated 01/09/2020 which was forwarded through SEIAA vide letter no. 2611 dated 05/09/2020, which was placed before the committee.

The EIA was persented by the PP and their consultant where in the beginning chronology of the project:-

Sl. No.	Particulars	Details
1.	1 <sup>st</sup> Mine lease grant and renewal for	<ul style="list-style-type: none"> <li>20 year period i.e 19/12/1975 to 18/12/1995.</li> <li>1<sup>st</sup> renewal for 19/12/1995 to 18/12/2015 (20 year period)</li> </ul>
2.	Mine lease period as per Mines and Minerals Development and Regulation ACT, 2015	Extension for 50 years from date of 1st grant i.e from 19/12/1975 to 18.12.2025
3.	Forest NoC	Letter no. 5336 dated 08/09/15 granted by DFO, Katni
4.	TOR granted	Vide letter No. 156/PS-MS/MPPCB/SEAC/TOR (351)/2019 dated 24.04.2019 (Case No. 5922/2019).
5.	Public hearing	07/08/2020 at project site
6.	Mining Plan Approval	• Vide letter No MP/Katni/Limestone_ Mod-03/2015-16 dated 11/08/15

The salient features of the project are as follows:

1	Name of the project & its location	Rajarwara Limestone and Dolomite Mine (5.22 ha) for 80,000 TPA production at Village Rajarwara, Tehsil – Vijayraghogarh, District-Katni, Madhya Pradesh by Smt. Sumitra Grover	
2	Name of the Company, Address Tele No. & E-mail :	Smt. Sumitra Grover Civil Lines, Near Rest House No.1 P.O. & District-Katni, M.P. Pin Code – 483501	
3	Latitude and Longitude of the project	Latitude	23°59'42.928" to 23°59'52.483" North
		Longitude	80°30'18.428" to 80°30'30.558"
4	If a Joint venture, the names & addresses of the JV partners including their share	Not applicable	
5	Project brief: nature of proposal (new/expansion,) total area- land use, project components,	Nature of proposal	New project
		Total area- land use	5.22 ha.
		Project components	Highest elevation 382 m AMSL towards

	connectivity to the site etc.		North Lowest elevation 378 m AMSL in South direction
		Connectivity	The lease area can be approached from Katni by road via Jhukehi. The lease area is 28 kms from Katni. Jukehi Railway Station – 7.5 Km WSW and Jukehi – Kymore Road – 280m NW Katni –Kymore Road, 6.0 km in SE and NH-7 – 6.5 km in NW Direction.
6	Whether the project is in the Critically Polluted Area (CPA):	No	
7	Cost of the project :	Rs. 1.0 crore	
8	Employment generated/to be generated	25	
9	Benefits of the project	The mineral will be used in mainly cement plants, Steel plant and in Lime Kilns for manufacture of industrial lime. It will provide direct employment to local populace (40 person) and indirect employment to around 50 person. About 6525 sapling will be planted in barrier zone (0.87 ha), in excavated area (2.25 ha) after reclamation by backfilling, buffer zone and remaining by the side of transport route. Project will also benefit to the state in the form of Royalty and fund in district mineral foundation for use in CSR. Also, the mine management will conduct CER activities in Rajarwara village. the charnoi land will be developed in buffer zone (2.10 ha) area as well as within ML area.	
10	Whether new or expansion project .If expansion: i from ..... MT to ..... MT ii What is the % of expansion	New project for 80,000 TPA Limestone and Dolomite production	
11	If for expansion, whether the application is under 7(ii) of the EIA Notification, 2006	Not applicable.	
12	If expansion, please indicate the number and date of the certified Compliance Report of Regional Office of the MoEF	Not applicable.	

13	No. and Date of the ToR /and revised ToR, if any, letter issued by the authority	<ul style="list-style-type: none"> <li>• ToR letter No. 156/PS-MS/MPPCB/SEAC/TOR (351)/2019 dated 24.04.2019 (Case No. 5922/2019).</li> <li>• The State Expert Appraisal Committee in its 351 meeting dated 16/03/2019 issued the ToR.</li> </ul>
14	No. and Date of the EC and the revised EC letter issued by the MoEF (if this is a case for reconsideration. If so, what specific reconsideration(s) being sought by the proponent)	Not applicable
15	If the project was considered in EAC, Pl. gives dates of the meeting (s)	Not applicable
16	Type of Mine: (Open cast/Underground/mixed)	Open Cast Mechanised
17	Capacity of the mine applied for	80,000 TPA
18	ML Area iii. As per block allotment iv. As per approved mine plan	5.22 Ha 5.22 Ha
19	Date of approval of mine plan, mine closure plan status & date	• Approved by IBM vide letter dated 11.08.2015.
20	Date of Board's approval	Not applicable
21	Date of Ground water clearance	Not applicable
22	Date of mine closure approval	• Approved by IBM vide letter dated 11.08.2015.
23	Any river/Nallha flowing near or adjacent to the proposed mine. If	<ul style="list-style-type: none"> <li>• Tons or Tamasa River – 3.8 km in NW</li> <li>• Amha Nala – 10.0 km in NW</li> <li>• Katni Nadi-7.6 km in SE</li> <li>• Kevlari Nala – 5.8 km in South</li> </ul>

	yes, please give details	• Simarda River- 13.1 km in North
24	Grant of LoI	• The mine lease is sanctioned for 50 years period i.e from 19/12/1975 to 18.12.2025
25	Public Hearing	• Public Hearing was held on 07/08/2020 at mine site in the presence of Sh. Jagdish Chandra Gomai, Upper Collector, Katni

During presentation PP submitted that Opencast mechanized method of mining will be carried out. Drilling and blasting will be carried out of dia 80 mm and depth 2.8 -2.90 m. The development in OB will be carried out by deployment of excavator cum loader. Loading of OB will be done mechanically. The development in ore body will be done by Hyd excavator cum loader. The high wall will be sloped at an angle of not more than 45 degrees from the horizontal. The OB /waste generated will be used for backfilling and generated soil will be used for plantation. Controlled blasting will be done using delay detonator to prevent flying fragments. Muffle blasting will also be practiced. The committee observed that the proposed area for mining is having almost plain topography. The highest elevation of the lease area is 382m R.L. towards North direction and the lowest elevation is 378m R.L. in South direction. Working will be done by formation of benches as per M.M.R. 1961.

During presentation PP submitted that since 2007-08 no production is taken from this mine. However, in the year 2006-07 only 500 MT productions were taken till July, 2006. After detail discussion and deliberation, committee asked PP to submit the following information:

- Production status at mine site
- Revised plantation scheme considering additional 20% mortality rate of trees.
- Revised CER with include infrastructure development in school, maintenance of village road as suggested by the committee.

The PP vide their letter dated 23/09/2020 submitted query reply which was placed before the committee which was found satisfactory and acceptable to the committee. The EIA/EMP and other submissions made by the PP earlier were found satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC clearance for approval Rajarwara Limestone and Dolomite Mine in an area of 5.22 ha (80,000 TPA) at Village Rajarwara, Tehsil – Vijayraghgarh, District- Katni, Madhya Pradesh by Smt. Sumitra Grover, subject to the following special conditions:

**(A) PRE-MINING PHASE**

1. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.

2. Necessary consents for proposed activity shall be obtained from MPPCB and the air / water pollution control measures have to be installed as per the recommendation of MPPCB.
3. Authorization (if required) under Hazardous and Other Wastes (Management and Trans boundary Movement) Rules, 2016 should be obtained by the PP if required.
4. PP will also carry out fencing all around the lease area.
5. If any tree uprooting is proposed necessary permission from the competent authority should be obtained for the same.
6. For dust suppression, regular sprinkling of water should be undertaken.
7. Haul road shall be compacted on regular interval and transport road will be made pucca and shall be constructed prior to operation of mine.
8. PP will obtain other necessary clearances/NOC from respective authorities.

**(B) MINING OPERATIONAL PHASE**

9. No overcharging during blasting to avoid vibration.
10. Controlled and muffle blasting shall be carried out.
11. Working height of the loading machines shall be compatible with bench configuration.
12. Slurry Mixed Explosive (SME) shall be used instead of solid cartridge.
13. No explosive will be stored at the mine site.
14. No intermediate stacking is permitted at the mine site.
15. No dump shall be stacked outside the lease area.
16. Curtaining of site shall be done through thick plantation all around the boundaries of all part of lease. The proposed plantation scheme should be carried out along with the mining and PP would maintain the plants for 3 years including casualty replacement. Initially, dense plantation shall be developed along the site boundary (in three rows) to provide additional protection in one year only.
17. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. As proposed in the EMP a minimum of 6525 trees shall be planted on barrier zone, backfilled area and in buffer zone along the transportation route during lease period.
18. Transportation of material shall be done in covered vehicles.
19. Transportation of minerals shall not be carried out through forest area.

20. The OB shall be reutilized for maintenance of road and backfilling. PP shall bound to compliance the final closure plan as approved by the IBM.
21. Garland drain (750 m X 2.0m X 1.5m) and bund along with settling tank will be maintained in the boundary side to prevent siltation of low lying areas and in rush of water into the mine. One more desiltation pond of 25 x 6 x 3.0= 450 cum towards the sloping side of ML area will be provided, in addition to existing sump of 50.0 x 30.0 x 3.0= 4500 cum .
22. All garland drains shall be connected to de-siltation pond and settled water shall be used for dust suppression and green belt development. Regular de-silting of drains and pits should be carried out.
23. Prosopis seeds shall be sowing through dribbling along garland drain soil.
24. For dust suppression water sprinkler shall be provided and on transport road for dust suppression tankers shall be provided.
25. The existing and proposed land use plan of the mine is as follows:

<b>S. No</b>	<b>Particular</b>	<b>Existing</b>	<b>5th year end</b>	<b>Conceptual Period</b>
1	Total area excavated (broken)	2.90	4.04	(4.35)
2	Area fully mined out (out of 1)	0.60	3.0	(4.35)
3	Area fully reclaimed (Backfilled out of 2)	0.53	1.53	(2.25)
4	Area rehabilitated out of 3 by afforestation	0.00	1.25	2.25
5	Area reclaimed by water harvesting	0.00	0.00	2.10
6	Total area under dumps	1.07	0.65	0.00
7	Area under active dumps	0	0	0.00
8	Area under mineral stack	0.00	0.00	0.00
9	Area under Road	0.05	0.01	0.00
10	Area under Green belt (i.e. plantation on area other than dump and backfilled area)	0.01	0.50	0.87
11	Area under infrastructure	0.00	0.01	0.00
12.	Undisturbed area	1.19	0.01	0.00

26. Appropriate and submitted activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized in coordination with Gram Panchayat. Further any need base and appropriate activity may be taken up in coordination with local panchayat.
27. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
28. The commitments made in the public hearing are to be fulfilled by the PP.
29. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
30. PPE's such as helmet, ear muffs etc should be provide to the workers during mining operations.

### **(C) ENTIRE LIFE OF THE PROJECT**

31. In the proposed EMP, capital cost is Rs. 10.0 Lakh is proposed and Rs. 8.50 Lakh /year as recurring expenses.
32. Under CER activity total cost 2.50 lakh/annum in different activities and should be implemented through respective committees.
33. The environment policy of the company should be framed as per MoEF&CC guidelines and same should be implemented through monitoring cell. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
34. A separate bank account should be maintained for all the expenses made in the EMP activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.
35. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
36. PP will comply with all the commitments made vide letter dated 23.09.2020.
37. 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/ built-up area/ project area, addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.

**3. Case No. - 5625/2017 M/s Shrikrishnadas Tikaram, Civil Lines, P.O. & District - Katni, MP - 483501 Prior Environment Clearance for Bauxite & Fireclay Mine in an area of 2.428 Ha.. (20,626 ton per annum) (Khasra no. 220/1 P, 221/2 P) at Village- Argat, Tehsil - Ram Nagar, Dist. Satna (MP)**

This is case of Bauxite, Limestone & Fireclay Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at (Khasra no. 220/1 P, 221/2 P) at Village- Argat, Tehsil - Ram Nagar, Dist. Satna (MP) 2.428 Ha. The project requires prior EC before commencement of any activity at site. PP has submitted ToR application forwarded by the SEIAA vide letter no.1440 dated 03/01/2018.

Earlier this case was scheduled for presentation and discussion in 305<sup>th</sup> SEAC meeting dated 16/1/18 wherein ToR was recommended.

PP has submitted the EIA report vide letter No. NIL which was forwarded through SEIAA vide letter no. 2617 dated 05/09/2020, which was placed before the committee.

The EIA was persented by the PP and their consultant where in the beginning chronology of the project:-

Sl. No.	Particulars	Details
1.	1 <sup>st</sup> Mine lease grant and renewal	<ul style="list-style-type: none"> <li>• for 20 year period i.e 13.09.1973 to 12.09.1993</li> <li>• 1st renewal for 13/09/1993 to 12/09/2013 (20 year period) as per order dated 30/07/2002.</li> </ul>
2.	Mine lease period as per Mines and Minerals Development and Regulation ACT, 2015	Extension for 50 years from date of 1st grant i.e from 13/09/1973 to 12/09/2023.
3.	Mining Plan Approval	<ul style="list-style-type: none"> <li>• Bauxite Mine plan approval:- MP/Satna/Bauxite/RMP-18/2019-20 3707 dated 09/12/19</li> <li>• Fireclay Scheme of Mining 1622-23/M.P./G-4/Number- 49/2019 dated 04/02/2020.</li> </ul>
4.	Forest NoC	Letter no. 6956 dated 03/09/17 granted by DFO, Satna
5.	TOR granted and rectification in ToR letter	<ul style="list-style-type: none"> <li>• 45/PS-MS/MPPCB/SEAC/TOR (305)/2018 dated 08/2/18 [Case No.5625/2017]</li> <li>• An application submitted on for removing limestone in ToR letter subject . As there is no limestone mining proposal .</li> </ul>
6.	Public hearing conducted	27/07/2020 at project site



The salient features of the project are as follows:

1	Name of the project & its location	Argat Bauxite and Fireclay Mine in an area 2.428 ha (20,626 TPA) at Village Argat, Tehsil Ram Nagar, District Satna, Madhya Pradesh by M/s. ShriKrishnadas Tikaram	
2	Name of the Company, Address Tele No. & E-mail :	M/s. Shrikrishnadas Tikaram Civil Lines, District Katni M.P. 483501 Email ID:- sktr09@yahoo.com	
3	Latitude and Longitude of the project	Latitude	24°16'59.3"" to 24°17'4.6"North
		Longitude	81°14'20.5" to 81°14'27.0" East
4	If a Joint venture, the names & addresses of the JV partners including their share	Not applicable	
5	Project brief: nature of proposal (new/expansion,) total area- land use, project components, connectivity to the site etc.	Nature of proposal	New project for EC
		Total area- land use	2.428 ha.
		Project components	Highest elevation 326 m AMSL in the south direction Lowest elevation 325 mAMSL in the north direction
		Connectivity	The lease area is about 83 kms from District Headquarter Satna (M.P.) via Amarpatan, New Ramnagar & Jigna by road. The lease area is 38 kms from Rewa. The nearest railway station is Rewa 28.5 km in North. Rewa - Jigna -Jhinna Road – 1.06 km in SW direction. Jigna – Ram Nagar Road- 2.76 Km; West SH-9- 11.5 Km South East NH-75- 12.5 Km North East
6	Whether the project is in the Critically Polluted Area (CPA):	No	
7	Cost of the project :	Rs. 1.0 crore	
8	Employment generated/to be generated	25	
9	Benefits of the project	The mineral is intended for sale to refractory plants near Katni and cement plants in the region. It will provide direct employment to local populace (25 person) and indirect employment to around 50 person. About 3035 sapling will be planted in barrier zone (0.228 ha) in excavated area (0.35 ha) after reclamation by backfilling, buffer zone and by the side of transport route.	

		Project will also benefit to the state in the form of Royalty and fund in district mineral foundation for use in CSR. Also, the mine management will conduct CER activities in Argat village. the charnoi land will be developed in buffer zone (1.85 ha) area as well as within ML area.
10	Whether new or expansion project .If expansion: i from ..... MT to ..... MT ii What is the % of expansion	New project for 20,626 TPA Bauxite and Fireclay production
11	If for expansion, whether the application is under 7(ii) of the EIA Notification, 2006	Not applicable.
12	If expansion, please indicate the number and date of the certified Compliance Report of Regional Office of the MoEF	Not applicable.
13	No. and Date of the ToR /and revised ToR, if any, letter issued by the authority	<ul style="list-style-type: none"> <li>• 45/PS-MS/MPPCB/SEAC/TOR (305)/2018 dated 08/2/18 [Case No.5625/2017].</li> <li>• The State Expert Appraisal Committee in its 305th meeting dated 16/01/2018 issued the ToR.</li> </ul>
14	No. and Date of the EC and the revised EC letter issued by the MoEF (if this is a case for reconsideration. If so, what specific reconsideration(s) being sought by the proponent)	Not applicable
15	If the project was considered in EAC, Pl. gives dates of the meeting (s)	Not applicable
16	Type of Mine: (Open cast/Underground/mixed)	Open Cast Semi mechanised
17	Capacity of the mine applied for	20,626 TPA
18	ML Area v. As per block allotment vi. As per approved mine plan	2.428 Ha 2.428 Ha

19	Date of approval of mine plan, mine closure plan, status & date	<ul style="list-style-type: none"> <li>• Bauxite Mine plan approval:- MP/Satna/Bauxite/RMP-18/2019-20 3707 dated 09/12/19</li> <li>• Fireclay Scheme of Mining 1622-23/M.P./G-4/Number- 49/2019 dated 04/02/2020.</li> </ul>
20	Date of Board's approval	Not applicable
21	Date of Ground water clearance	Not applicable
22	Date of mine closure approval	<ul style="list-style-type: none"> <li>• Bauxite PMCP approval:- MP/Satna/Bauxite/RMP-18/2019-20 3707 dated 09/12/19</li> <li>• Fireclay PMCP 1622-23/M.P./G-4/Number- 49/2019 dated 04/02/2020.</li> </ul>
23	Any river/Nallha flowing near or adjacent to the proposed mine. If yes, please give details	<ul style="list-style-type: none"> <li>• Bansagar Lake, 4.4 Km in SW</li> <li>• Rajaji Nala, 4.8 Km in WSW</li> <li>• Marhawal Nala, 1.3 Km in SE</li> </ul>
24	Grant of LoI	<ul style="list-style-type: none"> <li>• The mine lease is sanctioned for 50 years period i.e from 13/09/1973 to 12/09/2023.</li> </ul>
25	Public Hearing	<ul style="list-style-type: none"> <li>• Public Hearing was held on 27/07/2020 at mine site in the presence of Sh. I.J. Khalkho, Upper Collector, Satna.</li> </ul>

PP further submitted that Opencast semi mechanized method of mining will be carried -out. Drilling and blasting will not be carried out. The development in OB and Ore body will be carried out by manual as well as mechanical means. There will be no top soil generation as the area is already broken. The OB /waste generated will be used for backfilling followed by plantation. The proposed area for mining is having almost plain topography. The highest elevation of the lease area is 326 m R.L. towards South direction and the lowest elevation is 325 m R.L. in North direction. Working will be done by formation of benches as per M.M.R. 1961.

After detail discussion and deliberation, committee has asked the PP to submit the following information:

- Revised plantation scheme considering additional 20% mortality rate of trees.
- Revised CER with include infrastructure development in school, maintenance of village road as suggested by the committee.

PP vide their letter dated 23/09/2020 submitted query reply which was placed before the committee which was found satisfactory and acceptable to the committee. The EIA/EMP and other submissions made by the PP earlier were found satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC clearance for approval of

Argat Bauxite and Fireclay Mine at Village Argat, Tehsil Ram Nagar, District Satna, Madhya Pradesh (2.428 ha) by M/s. ShriKrishnadas Tikaram

**(A) PRE-MINING PHASE**

1. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
2. Necessary consents for proposed activity shall be obtained from MPPCB and the air / water pollution control measures have to be installed as per the recommendation of MPPCB.
3. Authorization (if required) under Hazardous and Other Wastes (Management and Trans boundary Movement) Rules, 2016 should be obtained by the PP if required.
4. PP will also carry out fencing all around the lease area.
5. If any tree uprooting is proposed necessary permission from the competent authority should be obtained for the same.
6. For dust suppression, regular sprinkling of water should be undertaken.
7. Haul road shall be compacted on regular interval and transport road will be made pucca and shall be constructed prior to operation of mine.
8. PP will obtain other necessary clearances/NOC from respective authorities.

**(B) MINING OPERATIONAL PHASE**

9. No drilling & blasting will be carried out.
10. Working height of the loading machines shall be compatible with bench configuration.
11. No dump shall be stacked outside the lease area.
12. Curtaining of site shall be done through thick plantation all around the boundaries of all part of lease. The proposed plantation scheme should be carried out along with the mining and PP would maintain the plants for 3 years including casualty replacement. Initially, dense plantation shall be developed along the site boundary (in three rows) to provide additional protection in one year only.
13. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. As proposed in the EMP a minimum of 3035

trees shall be planted on barrier zone, backfilled area and in buffer zone along the transportation route during lease period.

14. Transportation of material shall be done in covered vehicles.
15. Transportation of minerals shall not be carried out through forest area.
16. The OB shall be reutilized for maintenance of road and backfilling. PP shall bound to compliance the final closure plan as approved by the IBM.
17. All garland drains shall be connected to de-siltation pond and settled water shall be used for dust suppression and green belt development. Regular de-silting of drains and pits should be carried out.
18. Prosopis seeds shall be sowing through dribbling along garland drain soil.
19. For dust suppression water sprinkler shall be provided and on transport road for dust suppression tankers shall be provided.
20. The existing and proposed land use plan of the mine is as follows:

S. No	Particular	Existing	During Proposal Period	Conceptual Period
1	Total area excavated (broken)	2.20	2.20	(2.20)
2	Area fully mined out (out of 1)	0.25	1.50	(2.20)
3	Area fully reclaimed (Backfilled out of 2)	0.10	0.30	(0.35)
4	Area rehabilitated out of 3 by afforestation	0.10	0.20	0.35
5	Area reclaimed by water harvesting	Nil	Nil	1.85
6	Total area under dumps	Nil	Nil	Nil
7	Area under active dumps	Nil	Nil	Nil
8	Area under mineral stack	Nil	Nil	Nil
9	Area under Road	Nil	Nil	Nil
10	Area under Green belt and plantation on bund	0.10	0.228	0.228

21. Appropriate and submitted activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized in coordination with Gram Panchayat. Further any need base and appropriate activity may be taken up in coordination with local panchayat.
22. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
23. The commitments made in the public hearing are to be fulfilled by the PP.
24. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.

25. PPE's such as helmet, ear muffs etc should be provide to the workers during mining operations.

**(C) ENTIRE LIFE OF THE PROJECT**

26. In the proposed EMP, capital cost is Rs. 6.0 Lakh is proposed and Rs. 5.50 Lakh /year as recurring expenses and the total cost of backfilled area (0.35 ha) charnoi developed is Rs 75,000/- .
27. Under CER activity total cost 2.50 lakh/annum in different activities and should be implemented through respective committees.
28. The environment policy of the company should be framed as per MoEF&CC guidelines and same should be implemented through monitoring cell. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
29. A separate bank account should be maintained for all the expenses made in the EMP activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.
30. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
31. PP will comply with all the commitments made vide letter dated 23.09.2020.
32. 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/ built-up area/ project area, addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.

**4. Case No. – 6574/2019 M/s. Khajuraho Infrastructure Pvt. Ltd, 6th KM Sagar Road, Dhanori, Dist. Chhatarpur, MP - 471001. Prior Environment Clearance for Stone Quarry in an area of 9.00 ha. (5,20,000 tonne per annum) (Khasra No. 1616/2), Village - Khajwa, Tehsil - Rajnagar, Dist. Chhatarpur (MP).**

This is case of Stone quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 262), Village - Gumanpur, Tehsil - Chandla, Dist. Chhatarpur (MP) 10.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 2591 dated: 10/06/19 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine total area of 12.60 ha., including this mine.

Earlier this case was scheduled for presentation and discussion in 402<sup>nd</sup> SEAC meeting dated 05/11/19 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 08/09/2020 which was forwarded through SEIAA vide letter no. 2857 dated 10/09/2020, which was placed before the committee.

The EIA was persented by the PP and their consultant where in the beginning chronology of the project:-

SL. NO.	PARTICULARS	DETAILS
1	Quarry lease	<ul style="list-style-type: none"><li>• Sate Govt. granted QL for 10 years period vide letter No. 5410/khanij/2018 dated 3.10.2018</li><li>• Deed executed and registered for 10 years period w.e.f. 04.10.2018 to 03.10.2028.</li></ul>
2	Mining Plan	<ul style="list-style-type: none"><li>• Approved by DGM, Jabalpur vide its letter no. 1857-5860/kanij/No./2019 dated 1/07/2019</li></ul>
3	500 m Certificate for other mine	Letter No 2591/Khanij/2019 Chhatarpur dated 10/06/2019 – One mine present within 500m radius
4	Forest NoC	Letter no. 2388 dated 20/06/2019 of DFO, Chhatarpur – Nearest Forest P 691 at 3600 m
5	TOR granted	By SEAC vide 814/PS-MS/MPPCB/SEAC/TOR (402) /2019 Bhopal dated 13/12/2019 [Case No.6574/2019]
6	Public Hearing	Public hearing was conducted in presence of Upper Collector at Shaskiya Prathamik Pathshala on dated 07.08.2020 at 2pm in Village-Khajwa, Tehsil-Rajnagar, District-Chhatarpur, State- Madhya Pradesh.
7	Final EIA submitted on online portal	SIA/MP/MIN/55985/2019 dated 08/09/2020

During presentation PP submitted that Open-cast mechanized method of mining will be carried-out. All operation of mining such as development, winning of stone, drilling, blasting, loading and transport will be carried out by utilizing HEMM. The site of working has been chosen will be work from top bottom i.e. from north. The development/production of stone will be carried out in benches of height and width equal to 6.0m towards UPL to 10.0m

towards working face. The mining will be done by top slicing method i.e. top down ward. Reclamation & rehabilitation will be carried out by water reservoir during conceptual stage. The void created at the end of mining will be done by converting 8.13 ha area in to a water reservoir.

PP further stated that the proposed mining is proposed on hill having gentle slope towards North -West. The highest elevation of the lease area is 222 m R.L. towards East and the lowest elevation is 207 m R.L. in North west direction. Working will be done by formation of benches as per M.M.R. 1961. The working has been proposed from one end. The faces will be laid along NE-SW direction. OB/mine waste will be temporarily stacked south western side and then will be used for sloping the sides of the water reservoir.

The committee observed that approx. 03 Trees are existing in the core zone. PP submitted that all 03 trees of Neem will be proposed for felling phase wise, after taking due permission from statutory authority and before uprooting of any tree and 10 times additional plantation of same trees will be planted in buffer Zone. Total 30 trees will plant as compensatory plantation.

After detail discussion and deliberation, committee has asked the PP to submit the following information:

- Revised plantation scheme considering additional 20% mortality rate of trees.
- Revised EMP as suggested by the committee.
- Commitment for crusher outside QL area
- Revised CER with include infrastructure development in school, maintenance of village road as suggested by the committee.

PP their letter dated 23/09/2020 submitted query reply which was placed before the committee which was found satisfactory and acceptable to the committee. The EIA/EMP and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC for Khajwa Stone Quarry in an area of 9.0 Ha with production capacity (5,20,000 TPA) at Village- Khajwa, Tehsil - Rajnagar, Dist. Chhatarpur(MP) by M/s. Khajyraho Infrastructure Pvt. Ltd subject to the following special conditions:



**(A) PRE-MINING PHASE**

1. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
2. Necessary consents for proposed activity shall be obtained from MPPCB and the air / water pollution control measures have to be installed as per the recommendation of MPPCB.
3. Authorization (if required) under Hazardous and Other Wastes (Management and Trans boundary Movement) Rules, 2016 should be obtained by the PP if required.
4. PP will also carry out fencing all around the lease area.
5. For dust suppression, regular sprinkling of water should be undertaken.
6. Haul road shall be compacted on regular interval and transport road will be made pucca and shall be constructed prior to operation of mine.
7. PP will obtain other necessary clearances/NOC from respective authorities.

**(B) MINING OPERATIONAL PHASE**

8. Working height of the loading machines shall be compatible with bench configuration.
9. No intermediate stacking is permitted at the mine site.
10. No dump shall be stacked outside the lease area.
11. Water sprinklers shall be provided in mine.
12. Curtaining of site shall be done through thick plantation all around the boundaries of all part of lease. The proposed plantation scheme should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement. Initially, dense plantation shall be developed along the site boundary (in three rows) to provide additional protection in one year only.
13. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. As proposed in the EMP a minimum of 11,280 trees shall be planted on barrier zone, buffer zone and along the transportation route during lease period.
14. Transportation of material shall be done in covered vehicles.
15. Transportation of minerals shall not be carried out through forest area.
16. The OB shall be reutilized for maintenance of road. PP shall bound to compliance the final closure plan as approved by the DGM.
17. Garland drain and bund along with settling tank will be maintained in the boundary side and around dump to prevent siltation of low lying areas and in rush of water into the mine. 2 settling tank of 500 cum each respectively will be constructed towards the sloping side of QL

- area. Garland drain 4545 cum (1515 m X 2m X 1.5m) will be provided around mine site. Sump of 3000 cum will also be constructed respectively.
18. All garland drains shall be connected to settling tanks through settling pits and settled water shall be used for dust suppression, green belt development and beneficiation plant. Regular de-silting of drains and pits should be carried out.
  19. For dust suppression over head sprinkler shall be provided while on transport road for dust suppression tankers shall be provided.
  20. The existing and proposed land use plan of the mine is as follows:

Sr. No.	Heads	At present (Hect.)	At the end of 5 years (Hect.)	Conceptual period (area in ha)
1.	Pits (broken area)	Nil	5.85	(8.13)
2.	Dumps/Stack	Nil	0.65	Nil
3.	Road	Nil	0.10	Nil
4.	Workshop	Nil	0	Nil
5.	Processing plant	Nil	0	Nil
6.	Tailing pond/dam	Nil	0	Nil
7.	Township	Nil	0	Nil
8.	Infrastructure (Site services)	Nil	0.01	Nil
9.	Green Belt	Nil	0.87	0.87
10.	Reclamation and Rehabilitation by water reservoir	Nil	Nil	8.13
TOTAL		Nil	7.48	9.0

21. Appropriate and submitted activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized through Gram Panchayat. Further any need base and appropriate activity may be taken up in coordination with local panchayat.
22. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
23. The commitments made in the public hearing are to be fulfilled by the PP.
24. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
25. PPE's such as helmet, mask and ear muffs etc should be provide to the workers during mining operations.

### **(C) ENTIRE LIFE OF THE PROJECT**

26. In the proposed EMP, capital cost is Rs. 10.40 Lakh is proposed and Rs. 6.30 Lakh /year as recurring expenses.
27. Under CER activity Rs. 3.0 Lakh are proposed expenses respectively in different activities and should be implemented through respective committees.

28. The environment policy of the company should be framed as per MoEF&CC guidelines and same should be implemented through monitoring cell. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
29. A separate bank account should be maintained for all the expenses made in the EMP activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.
30. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
31. PP will comply with all the commitments made vide letter dated 23.09.2020.
32. 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/ built-up area/ project area, addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.

**5. Case No. – 6587/2019 Shri Jyoti Kumar Shukla, Near Adarsh Girls Higher Secondary School, Choubey Colony, Dist. Chhatarpur, MP. Prior Environment Clearance for Stone Quarry in an area of 10.00 ha. (6,00,424 tonne per annum) (Khasra No. 262), Village - Gumanpur, Tehsil - Chandla, Dist. Chhatarpur (MP).**

This is case of Stone quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 262), Village - Gumanpur, Tehsil - Chandla, Dist. Chhatarpur (MP) 10.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 4420 dated: 02/09/19 has reported that there no more mines operating or proposed within 500 meters around the said mine.

Earlier this case was scheduled for presentation and discussion in 402<sup>nd</sup> SEAC meeting dated 05/11/19 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 8/09/2020 which was forwarded through SEIAA vide letter no. 2859 dated 10/09/2020, which was placed before the committee.

The EIA was presented by the PP and their consultant where in the beginning chronology of the project:-

SL. NO.	PARTICULARS	DETAILS
1	Quarry lease	<ul style="list-style-type: none"> <li>Sate Govt. granted QL for 10 years period vide letter No. 15233-53 dated 25.09.2018</li> <li>Deed executed and registered for 10 years period w.e.f. 04.06.2019 to 03.06.2029.</li> </ul>
2	Mining Plan	<ul style="list-style-type: none"> <li>Approved by DGM, Jabalpur vide its letter no. 4358-60/kanij/No./2018 dated 20/11/18</li> </ul>
3	500 m Certificate for other mine	Letter No 4420/Khanij/2019 Chhatarpur dated 2/09/2019 – No other mine within 500m radius
4	Forest NoC	Letter no. 3117 dated 31/08/2019 of DFO, Chhatarpur – Nearest Forest P 721 at 2800m
5	TOR granted	By SEAC vide 812/PS-MS/MPPCB/SEAC/TOR(402)/2019 Bhopal dated 13/12/2019 [Case No.6587/2019]
6	Public Hearing	Public hearing was conducted in presence of Upper Collector at Shaskiya Prathamik Pathshala on dated 07.08.2020 at 11 am in Village-Gumanpur, Tehsil-Chandla, District-Chhatarpur, State- Madhya Pradesh.
7	Final EIA submitted on online portal	SIA/MP/MIN/55809/2019 dated 08/09/2020

During presentation PP submitted that Opencast mechanized method of mining will be carried-out. All operation of mining such as development, winning of stone, drilling, blasting, loading and transport will be carried out by utilizing HEMM. The site of working has been chosen will be work from top bottom i.e. from north. The development/production of stone will be carried out in benches of height and width equal to 6.0m towards UPL to 10.0m towards working face. The mining will be done by top slicing method i.e. top down ward. It will be carried out from top of the mound. The slices will be of 6.0m. Drilling of 33-80 mm dia holes will be carried out up to 3.0m depth. The void created at the end of mining will be converted in to a water reservoir. PP further stated that the proposed area for mining is hilly having gentle slope towards south. The highest elevation of the lease area is 177 m R.L. towards north and the lowest elevation is 141 m R.L. in south direction. Working will be done by formation of benches as per M.M.R. 1961.

PP submitted that that approx 55 trees are existing within lease area, these are Neem, papal, Chula, Tendu, Akashmoni, Seetaphal and Chilla trees out of which about 20 trees lies within barrier zone. PP further submitted that 35 trees will be cut phase wise after taking due permission from statutory authority and before uprooting of any tree, 5 times plantation of

same trees will be planted in buffer Zone . Total 175 trees will plant in addition of above plantation.

After detail discussion and deliberation, committee has asked the PP to submit the following information:

- Habitation at a distance of 135 meters in the north –east side of the lease hence, set back of 65m in north as per NGT order.
- Revised plantation scheme considering additional 20% mortality rate of trees.
- Precautions for drilling & blasting due to habitations in the North direction at 135 meters of the quarry lease area.
- Revised CER with include infrastructure development in school, maintenace of village road as suggested by the committee.

PP their letter dated 23/09/2020 submitted query reply which was placed before the committee which was found satisfactory and acceptable to the committee. The EIA/EMP and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC for Gumanpur Stone Quarry in an area of 10.0 Ha with production capacity (6,00,424 TPA) at Village- Gumanpur, Tehsil - Chandla, Dist. Chhatarpur(MP) by Sh. Jyoti Kumar Shukla subject to the following special conditions:

#### **(A)PRE-MINING PHASE**

1. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
2. Necessary consents for proposed activity shall be obtained from MPPCB and the air / water pollution control measures have to be installed as per the recommendation of MPPCB.
3. Authorization (if required) under Hazardous and Other Wastes (Management and Trans boundary Movement) Rules, 2016 should be obtained by the PP if required.
4. PP will also carry out fencing all around the lease area.
5. For dust suppression, regular sprinkling of water should be undertaken.
6. Haul road shall be compacted on regular interval and transport road will be made pucca and shall be constructed prior to operation of mine.
7. PP will obtain other necessary clearances/NOC from respective authorities.

**(B) MINING OPERATIONAL PHASE**

8. Working height of the loading machines shall be compatible with bench configuration.
9. No intermediate stacking is permitted at the mine site.
10. No dump shall be stacked outside the lease area.
11. Water sprinklers shall be provided in mine.
12. Curtaining of site shall be done through thick plantation all around the boundaries of all part of lease. The proposed plantation scheme should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement. Initially, dense plantation shall be developed along the site boundary (in three rows) to provide additional protection in one year only.
13. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. As proposed in the EMP a minimum of 12675 trees shall be planted on barrier zone, buffer zone and along the transportation route during lease period.
14. Transportation of material shall be done in covered vehicles.
15. Transportation of minerals shall not be carried out through forest area.
16. The OB shall be reutilized for maintenance of road. PP shall bound to compliance the final closure plan as approved by the DGM.
17. Garland drain and bund along with settling tank will be maintained in the boundary side and around dump to prevent siltation of low lying areas and in rush of water into the mine. 2 settling tank of 500 cum each respectively will be constructed towards the sloping side of QL area. Garland drain 4140 cum (1380m X 2m X 1.5m) will be provided around mine site. Sump of 3000 cum will also be constructed respectively.
18. All garland drains shall be connected to settling tanks through settling pits and settled water shall be used for dust suppression, green belt development and beneficiation plant. Regular de-silting of drains and pits should be carried out.
19. For dust suppression over head sprinkler shall be provided while on transport road for dust suppression tankers shall be provided.
20. The existing and proposed land use plan of the mine is as follows:

Sr.No.	Heads	At present (Hect.)	At the end of 5 years (Hect.)	Conceptual period
1.	Pits (broken area)	Nil	6.30	(9.0)
2.	Dumps/Stack	Nil	0.50	Nil
3.	Road	Nil	0.05	Nil
4.	Workshop	Nil	0	Nil
5.	Processing plant	Nil	0	Nil
6.	Tailing pond/dam	Nil	0	Nil
7.	Township	Nil	0	Nil

8.	Infrastructure (Site services)	Nil	0.01	Nil
9.	Green Belt	Nil	1.0	1.0
10.	Water reservoir	Nil	Nil	9.0
TOTAL		Nil	7.86	10.0

21. Appropriate and submitted activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized through Gram Panchayat. Further any need base and appropriate activity may be taken up in coordination with local panchayat.
22. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
23. The commitments made in the public hearing are to be fulfilled by the PP.
24. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
25. PPE's such as helmet, mask and ear muffs etc should be provide to the workers during mining operations.

**(C) ENTIRE LIFE OF THE PROJECT**

26. In the proposed EMP, capital cost is Rs. 12.80 Lakh is proposed and Rs. 7.40 Lakh /year as recurring expenses.
27. Under CER activity, Rs. 3.0 Lakh are proposed expenses respectively in different activities and should be implemented through respective committees.
28. The environment policy of the company should be framed as per MoEF&CC guidelines and same should be implemented through monitoring cell. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
29. A separate bank account should be maintained for all the expenses made in the EMP activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.
30. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
31. PP will comply with all the commitments made vide letter dated 23.09.2020.
32. 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/ built-up area/ project area, addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.

6. **Case No. – 6428/2019 M/s. Neogy & Sons, Shree Ashok Kumar Neogy, S/o Shree Anil Kumar Neogy, 149/88 near Village Ledra, Tehsil - Majhgawan, Dist. Satna Prior Environment Clearance for Ochre, White Clay & Laterite Deposit in an area of 16.196 ha. (Laterite – 1,37,932 cum per annum, Ochre – 12,500 cum per annum, White Clay – 20,000 cum per annum) (Khasra No. 149/88), Village - Ledra, Tehsil - Majhgawan, Dist. Satna (MP).**

This is case of Ochre, White Clay & Laterite Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 149/88), Village - Ledra, Tehsil - Majhgawan, Dist. Satna (MP) 16.196 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 86 dated: 08/01/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

Earlier this case was scheduled for presentation and discussion in 388<sup>th</sup> SEAC meeting dated 08/8/19 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated NIL which was forwarded through SEIAA vide letter no. 2525 dated 02/09/2020, which was placed before the committee.

The EIA was presented by the PP and their consultant where in the beginning chronology of the project:-

ACTIVITY	DATE
Lease sanctioned	On date 17.11.1978 (for 10 years i.e up to 16-11-1988)
Lease renewal	First renewal - 17-11-1988 to 16-11-1998 (for 10 years) Vide order no.: 3-66/89/12/2 LOI letter Second renewal - 17-11-1998 to 16-11-2008 (for 10 years) Lease is extend up to 31.03-2025 (For 30 years from 1998)
Mining Scheme approval	On date 21.12.2018 vide letter no. 18183-86 MP approval letter



TOR grant on	On date 11.09.2019 vide letter 588/PS-MS/MPPCB/SEAC/TOR/ (388)2019 TOR Letter
Draft EIA submission	On date 22.01.2020
Public hearing advertisement on	On date 20.06.2020
Public hearing conducted on	On date 22.07.2020 PH minutes
Final EIA submission	On date 12.08.2020

**Salient features of the Project:**

<b>Project name</b>	Ledra Ochre, White Clay & Laterite Mine
<b>Proposed capacity</b>	1,70,432 cu.m/year (1,37,932 cu.m/year of Laterite, 12,500 cu.m/year of Ochre & 20,000 cu.m/year of White clay).
<b>Location of project</b>	Village- Ledra, Tehsil- Majhgawan, Dist-Satna (MP)
<b>Land use</b>	Non-forest, Govt. waste Land
<b>Site elevation</b>	385 mRL to 420mRL ( <i>as per kml</i> )
<b>Lease validity</b>	up to 31.03-2025 (For 30 years from 1998)
<b>TOR Letter</b>	Issued vide letter no. vide letter 588/PS-MS/MPPCB/SEAC/TOR/ (388)2019 On date 11.09.2019

PP further stated that the nearest habitation is >500 meters and a pond or water body is about >200 meters in the south –east direction of the lease PP submitted that no blasting is proposed they have proposed provision of garland drain & settling tank to protect the water body.

During appraisal of this case, it was observed by the committee that a complaint is made that the site is located within the notified ESZ of Ranipur Abhayaran. PP submitted that Ranipur

Abhayaran is 4.5 Kms away from the lease and same is located in the UP while their lease is located in the MP. PP further submitted that the lease is located in village Jaitwara which not falling in the list of villages notified within the ESZ villages as per gazette notification SO no. 3573 (E) dated 09/11/2017. After presentation and deliberation, PP was asked to submit following information:

- Revised plantation scheme considering additional 20% mortality rate of trees.

PP vide their letter dated 23.09.2020 submitted query reply which was placed before the committee which was found satisfactory and acceptable to the committee. The EIA/EMP and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC for Ochre, White Clay & Laterite Deposit in an area of 16.196 ha. (Laterite – 1,37,932 cum per annum, Ochre – 12,500 cum per annum, White Clay – 20,000 cum per annum) (Khasra No. 149/88), Village - Ledra, Tehsil - Majhgawan, Dist. Satna (MP), subject to the following special conditions:

**(A) PRE-MINING PHASE**

1. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
2. Necessary consents for proposed activity shall be obtained from MPPCB and the air / water pollution control measures have to be installed as per the recommendation of MPPCB.
3. Authorization (if required) under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 should be obtained by the PP if required.
4. PP will also carry out fencing all around the lease area.
5. If any tree uprooting is proposed necessary permission from the competent authority should be obtained for the same.
6. For dust suppression, regular sprinkling of water should be undertaken.
7. Haul road and shall be compacted on regular interval and transport road will be made pucca (tar road) and shall be constructed prior to operation of mine.
8. PP will obtain other necessary clearances/NOC from respective authorities.

**(B) MINING OPERATIONAL PHASE**

9. No blasting should be carried out.
10. Working height of the loading machines shall be compatible with bench configuration.
11. No intermediate stacking is permitted at the mine site.
12. No dump shall be stacked outside the lease area.
13. Overhead sprinklers shall be provided in mine.

14. Curtaining of site shall be done through thick plantation all around the boundaries of all part of lease. The proposed plantation scheme should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement. Initially, dense plantation shall be developed along the site boundary (in three rows) to provide additional protection in one year only.
15. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. As proposed in the landscape plan & EMP a minimum of 19,400 trees shall be planted on barrier zone, backfilled area and along the transportation route.
16. Transportation of material shall be done in covered vehicles.
17. Transportation of minerals shall not be carried out through forest area.
18. The OB shall be reutilized for maintenance of road. PP shall bound to compliance the final closure plan as approved by the IBM.
19. Garland drain and bund along with settling tank will be maintained in the boundary side and around dump to prevent siltation of low lying areas and in rush of water into the mine. The size of the drain will be (1728mx2mx1.5m). The settling tank will be 02 in number of size 10m x 02 m x 02
20. All garland drains shall be connected to settling tanks through settling pits and settled water shall be used for dust suppression, green belt development and beneficiation plant. Regular de-silting of drains and pits should be carried out.
21. For dust suppression over head sprinkler shall be provided while on transport road for dust suppression tankers shall be provided.
22. Prosopis seeds shall be sowing through dribbling along garland drain soil.
23. The existing and proposed land use plan of the mine is as follows:

S. No.	USE	PRESENT Area (Hect.)	After First 5 Year (Hect.)	At the end of mine Area (Hect.)
1.	Pits	0.00	14.8826	14.8976
2.	Plantation (Within Barrier Zone)	0.00	1.2924	1.2924
3.	Reservoir	0.00	0.00	0.00
4	Shed	0.00	0.015	0.00

5	Unused	16.196	0.00	0.00
TOTAL		16.196	16.196	16.196

24. Appropriate and submitted activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized through Gram Panchayat. Further any need base and appropriate activity may be taken up in coordination with local panchayat.
25. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
26. The commitments made in the public hearing are to be fulfilled by the PP.
27. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
28. PPE's such as helmet, ear muffs etc should be provide to the workers during mining operations.

**(C) ENTIRE LIFE OF THE PROJECT**

29. In the proposed EMP, capital cost is Rs. 25.25Lakh is proposed and Rs.22.20 Lakh /year as recurring expenses.
30. Under CSR activity, Rs. 1.4 Lakh /year are proposed as capital and recurring expenses respectively in different activities and should be implemented through respective committees.
31. The environment policy of the company should be framed as per MoEF&CC guidelines and same should be implemented through monitoring cell. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
32. A separate bank account should be maintained for all the expenses made in the EMP activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.

**7. Case No 7474/2020 Shri Shankar Kol S/o Shri Shivdas Kol, Village - Akauna, Post - Aber, Tehsil - Rampur Baghelan, Dist Prior Environment Clearance for Stone Quarry in an area of 1.619 ha. (15000 cum per annum) (Khasra No. 1180/1 Gha), Village - Mudgudi, Tehsil - Manpur, Dist. Umariya (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1180/1 Gha), Village - Mudgudi, Tehsil - Manpur, Dist. Umariya (MP) 1.619 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Mining Inspector, Umariya letter no. NIL dated: 27/06/2020 has reported that there are 10 more mines operating or proposed within 500 meters around the said mine with total area of 27.812 ha., including this mine.

The case was presented by the PP and their consultant, being it's a case Stone Quarry with total area of 27.812 ha. including this mine and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 5 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

- Provision of Garland drain & settling tanks as natural drain is about >100 meters from lease area.
- The project proponent shall discuss the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area", and shall be discussed in the EIA report.
- Detailed evacuation plan with transport route, required infrastructure and man-power is to be discussed in the EIA report.
- Transportation plan & traffic management plan should be discussed in the EIA report.
- Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
- Mine water discharge plan with details of garland drains and settling tanks should be detailed out on a map in the EIA report.
- Inventory of all existing trees and if any tree is to be uprooted, then it should be clearly addressed in EIA.
- CER shall also incorporate awareness/ training activities including distribution of masks, sanitizers, mass sanitization programme in the project affected villages' w.r.t. COVID-19 pandemic.

**8. Case No 7559/2020 M/s Ansh Mining, 803, D.B.City, Sachin Tendulkar Marg, City Center, Dist. Gwalior, MP – 474011 Prior Environment Clearance for Stone Quarry in an area of 1.372 ha. (35000 cum per annum) (Khasra No. 1442, 1443, 1444, 1446), Village - Mudahara, Tehsil - Gaurihar, Dist. Chhatarpur (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1442, 1443, 1444, 1446), Village - Mudahara, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 1.372 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 1613 dated: 28/08/2020 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 4.502 ha., including this mine.

During presentation as per Google image based on coordinates provided by PP, within the lease 500 meters following sensitive features were observed:

<b>Sensitive Features</b>	<b>Approximate aerial distance from the lease area in meters</b>	<b>Direction</b>	<b>Remarks</b>
04 Trees	within lease	South-west	PP stated that this area shall be dealt as non- mining area and all trees shall be kept intact.

PP further submits that the method of mining will be opencast semi-mechanized and mine will attain upto a depth of 30 meters after 05 years. After presentation, the committee asked to submit following details:

- Revised plantation scheme as suggested by the committee.

PP has submitted the response of above quarries same date vide letter dated 23.09.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee

decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 35,000 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 8.20 Lakh as capital and Rs. 3.42 Lakh/year as recurring. Under CER Rs. 0.80 Lakh has proposed.

**9. Case No 7560/2020 Shri Sandeep Sood, R/o H.No. 37, Rohit Nagar, Phase-1, Bawadiya Kalan, Dist. Bhopal, MP – 462026 Prior Environment Clearance for Murrum Quarry in an area of 4.0 ha. (21,963 cum per annum) (Khasra No. 261, 262), Village - Malikhedi, Tehsil - Huzur, Dist. Bhopal (MP)**

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 261, 262), Village - Malikhedi, Tehsil - Huzur, Dist. Bhopal (MP) 4.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Praman-Patr) letter no. 3537 dated: 26/08/2020 has reported that there are two more mines of 4.0 has each of Stone. This lease is for Murrum, hence there is no mine of homogeneous nature within 500 meters.

The case was presented by PP and their consultant, wherein PP submits that since it is a Murrum Quarry where no blasting is proposed. Mining shall be done through opencast semi mechanized method. During presentation it was also observed that M.O. has mentioned that within 500 meters 02 more mine sanctioned of the area of 4.0ha. So total area become 12.0 ha. but this is applicable for homogeneous minerals only. Here, in this particular case that 02 more mine operating which is of crusher stone. Hence, as per MoEF&CC S.O. 2269 (E), dated 01.07.2016 only homogeneous minerals shall be counted under cluster definition. Hence, area of another mine shall not be counted which is of 4.0 ha and only this mine is considered which is of Murrum. As per Google image based on coordinates provided by PP, it was observed that the lease area is excavated, PP submitted this existence pit has shown in the surface map and got the lease in this condition.

During presentation as per Google image based on coordinates provided by PP, within the lease 500 meters following sensitive features were observed:

<b>Sensitive Features</b>	<b>Approximate aerial distance from the lease area in meters</b>	<b>Direction</b>	<b>Remarks</b>
Kachcha Road	>10	South	Three rows of Plantation towards south side

PP further submits that the method of mining will be opencast semi-mechanized and mine will attain a depth of mining 06m after 05 years.

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

1. Production shall be as per mine plan with quantity not exceeding for Stone 21,963 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 8.69 Lakh as capital and Rs. 3.71 Lakh/year as recurring. Under CER Rs. 0.70 Lakh has proposed.

**10. Case No 7561/2020 M/s Darsh Mining, A-803, DB City, Sachin Tendulkar Marg, City Centre, Dist. Gwalior, MP – 474011 Prior Environment Clearance for Stone Quarry in an area of 3.032 ha. (140000 cum per annum) (Khasra No. 1205, 1206, 1207, 1273, 1274/2, 1275, 1276), Village - Badarakala, Tehsil - Gaurihar, Dist. Chhatarpur.**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1205, 1206, 1207, 1273, 1274/2, 1275, 1276), Village - Badarakala, Tehsil - Gaurihar, Dist. Chhatarpur (M.P.) 4.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Tehsildar Office letter no. 1612 dated: 28/08/2020 has reported that there



are 02 more mines operating or proposed within 500 meters around the said mine with total area of 4.448 ha., including this mine.

During presentation as per Google image based on coordinates provided by PP, within the lease 500 meters following sensitive features were observed:

<b>Sensitive Features</b>	<b>Approximate aerial distance from the lease area in meters</b>	<b>Direction</b>	<b>Remarks</b>
Natural Drain	>200	South west	Provision of Garland drain & settling tanks.
Huge water body	>390	North- East	Provision of Garland drain & settling tanks.

PP further submits that the method of mining will be opencast semi-mechanized and mine will attain a depth of mining 36m after 05 years. After presentation, the committee asked to submit following details:

- Land agreement Documents in the name of PP.
- Revised CER as suggested by the committee.

PP has submitted the response of above quarries same date vide letter dated 23.09.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 1,40,000 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 9.64 Lakh as capital and Rs. 3.97 Lakh/year as recurring. Under CER Rs. 0.80 Lakh has proposed.

**11. Case No 7581/2020 M/s Banke Bihari Stone, Part. Shri Vishambhar Dayal Goyal, F-218, Harishankarpuram, Dist. Gwalior, MP – 474006 Prior Environment Clearance for Stone Quarry in an area of 3.760 ha. (109760 cum per annum) (Khasra No. 2279, 2280, 2281, 2282, 2288, 2293, 2294), Village - Bilheti, Tehsil - Murar Tappa, Dist. Gwalior (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 2279, 2280, 2281, 2282, 2288, 2293, 2294),

Village - Bilheti, Tehsil - Murar Tappa, Dist. Gwalior (MP) 3.760 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Tehsildar Office letter no. 204 dated: 23/12/2019 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

During presentation as per Google image based on coordinates provided by PP, within the lease 500 meters following sensitive features were observed:

<b>Sensitive Features</b>	<b>Approximate aerial distance from the lease area in meters</b>	<b>Direction</b>	<b>Remarks</b>
Kachcha Road	06	South	Set back of 10 meters from south side excluding barrier zone of 7.5 meters. Three rows of Plantation towards south side

PP further submits that the method of mining will be opencast semi-mechanized After presentation, the committee asked to submit following details:

- Land agreement documents in the name of PP .
- Set back of 10 meters from south side excluding barrier zone of 7.5 meters.

PP has submitted the response of above quarries same date vide letter dated 23.09.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 1,09,760 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 11.46 Lakh as capital and Rs. 8.71 Lakh/year as recurring. Under CER Rs. 0.80 Lakh has proposed.

**12. Case No 7608/2020 Shri Mukesh Kumar Patel S/o Shri Dhanraj Patel, Village - Kapuri, Dist. Sehore, MP Prior Environment Clearance for Stone Quarry in an area of 1.0 ha. (5761 cum per annum) (Khasra No. 176, 177/3), Village - Kapuri, Tehsil - Sehore, Dist. Sehore (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 176, 177/3), Village - Kapuri, Tehsil - Sehore, Dist. Sehore (MP) 1.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 1152 dated: 30/07/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein during presentation it was observed by the committee that as per Google image based on coordinates provided by PP the entire lease area is surrounded by agriculture land. Moreover, PP stated that this is a private land and area has water irrigation potential and crop is being taken by himself and surrounding farmers of this entire area.

Committee after deliberation decided that mining on agricultural field shall not be encouraged and thus asked PP to submit soil testing analysis report particularly w.r.t. Nitrogen (N), Phosphorous (P) and Potassium (K) values from their field from any Government approved Soil Testing Laboratory for further appraisal of this case.

**13. Case No 7585 /2020 Shri Alok Bhargava S/o Shri Krishna Bhargava, Sironj, Dist. Vidisha, MP – 464228 Prior Environment Clearance for Granite Mine in an area of 4.0 ha. (2000 cum per annum) (Khasra No. 117/1), Village - Bagrohi, Tehsil - Shahgarh, Dist. Sagar (MP)**

This is case of Granite Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 117/1), Village - Bagrohi, Tehsil - Shahgarh, Dist. Sagar (MP) 4.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format

duly verified in the Tehsildar Office letter no. 14217 dated: 03/09/2019 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant during presentation as per Google image based on coordinates provided by PP, within 500 meters following sensitive features were observed of the lease area.

<b>Sensitive Features</b>	<b>Approximate aerial distance from the lease area in meters</b>	<b>Direction</b>	<b>Remarks</b>
River	>160	North- west	Provision of Garland drain & settling tanks.

After presentation and deliberation, PP was asked to submit following information:

1. Slurry Management plan as suggested by committee.

PP vide their letter dated 23.09.2020 submitted query reply which was placed before the committee which was found satisfactory and acceptable to the committee. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 2,000 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 10.88 Lakh as capital and Rs. 6.17 Lakh/year as recurring. Under CER Rs. 0.80 Lakh has proposed.

**14. Case No 7411/2020 M/s Suraj Stone Industries, Village - Maholi, Tehsil & Dist. Chhatarpur, MP Prior Environment Clearance for Stone Quarry in an area of 4.0 ha. (2,99,999 cum per annum) (Khasra No. 1043), Village - Kanti, Tehsil - Chhatarpur, Dist. Chhatarpur (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1043), Village - Kanti, Tehsil - Chhatarpur, Dist. Chhatarpur (MP) 4.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Tehsildar Office letter no. 184 dated: 30/12/2019 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was scheduled for the presentation in 453<sup>th</sup> SEAC meeting dated 28/08/2020 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.

During presentation as per Google image based on coordinates provided by PP, within the lease 500 meters following sensitive features were observed:

<b>Sensitive Features</b>	<b>Approximate aerial distance from the lease area in meters</b>	<b>Direction</b>	<b>Remarks</b>
08 trees	Within mine lease	Sparsely distributed	Out of Existing 08 trees 05 trees are proposed for felling for which PP will take permission from competent authority and 50 trees shall be additionally planted, and other trees which are located in the barrier zone shall be kept intact.

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

1. Production shall be as per mine plan with quantity not exceeding for Stone 2,99,999 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 11.01 Lakh as capital and Rs. 07.71 Lakh/year as recurring. Under CER Rs. 1.00 Lakh/year has proposed.

**15. Case No 7586/2020 M/s Nice Minerals, Shri Ajaj Masih, Partner, House No. 12, Panchsheel Nagar, Dist. Raipur, Chhattisgarh - 492001 Prior Environment Clearance for Quartz Quarry in an area of 4.761 ha. (9720 cum per annum) (Khasra No. 760, 761, 762, 763, 764, 766, 767, 768, 769, 770/3, 770/9, 770/12), Village - Chakaheti, Tehsil - Tirodi, Dist. Balaghat (MP)**

This is case of Quartz Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 760, 761, 762, 763, 764, 766, 767, 768, 769, 770/3, 770/9, 770/12), Village - Chakaheti, Tehsil - Tirodi, Dist. Balaghat (MP) 4.761 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 2733 dated: 26/08/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

During presentation as per Google image based on coordinates provided by PP, within the lease 500 meters following sensitive features were observed:

<b>Sensitive Features</b>	<b>Approximate aerial distance from the lease area in meters</b>	<b>Direction</b>	<b>Remarks</b>
Water body	140	East	Provision of Garland drain & settling tanks. three rows of Plantation towards pond side.
Human settlement	120	NE	80 meters set back w.r.t. NGT order. Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.

It was further observed that in the the DFO letter vide no 6293 dated 04.09.2020 forest area is at a distance of approx. < 250 meters from the lease boundary, for which PP has obtained approval from Divisional Commissioner Level Forest Committee, meeting were held on 07.03.2020. After presentation and deliberation, PP was asked to submit following information:

1. Revised surface Map showing 80m set back as suggested by committee

PP vide their letter dated 23.09.2020 submitted query reply which was placed before the committee which was found satisfactory and acceptable to the committee. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 9720 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 8.20 Lakh as capital and Rs. 3.87 Lakh/year as recurring. Under CER Rs. .80 Lakh has proposed.

**16. Case No 7584/2020 M/s Jai Kamta Nath Minerals, Partner, Shri Shiv Kumar Singh, 16, Sector 4, Peptech Town, Nawgaon Road, Dist. Chhatarpur, MP – 471001 Prior Environment Clearance for Stone Quarry in an area of 3.0 ha. (240000 cum per annum) (Khasra No. 367 Part), Village - Bendri, Tehsil - Rajnagar, Dist. Chhatarpur (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 367 Part), Village - Bendri, Tehsil - Rajnagar, Dist. Chhatarpur (MP) 3.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Tehsildar Office letter no. 206 dated: 25/08/2020 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 5.0 ha., including this mine.

The case was presented by the PP and their consultant during presentation as per Google image based on coordinates provided by PP it was observed that the lease is on hillock having height of about 14 meters and a human settlement at a distance of 190 meters in the north –east side, PP submitted that 10 meters set back will be left as per NGT order 21.07.2020. During presentation as per Google image based on coordinates provided by PP, within the lease 500 meters following sensitive features were observed:

<b>Sensitive Features</b>	<b>Approximate aerial distance from the lease area in meters</b>	<b>Direction</b>	<b>Remarks</b>

Human settlement	>190	NE	Set back of 10 meter & Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.
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After presentation and deliberation, PP was asked to submit following information:

1. Revised surface plan showing 10m set back as suggested by committee.
2. Top Soil management plan.

PP vide their letter dated 23.09.2020 submitted query reply which was placed before the committee which was found satisfactory and acceptable to the committee. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 2,40,000 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 09.19 Lakh as capital and Rs. 3.97 Lakh/year as recurring. Under CER Rs. 0.80 Lakh has proposed.

**17. Case No 7489/2020 Shri Jitendra Singh S/o SHri Vikram Singh Parihar, Village - Kawdi, Dist. Dewas, MP – 455001 Prior Environment Clearance for Stone Quarry in an area of 1.910 ha. (18240 cum per annum) (Khasra No. 12/1), Village - Vijaypur, Tehsil - Dewas, Dist. Dewas (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 12/1), Village - Vijaypur, Tehsil - Dewas, Dist. Dewas (MP) 1.910 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 540 dated: 15/07/2020 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 2.910 ha., including this mine.



During presentation as per Google image based on coordinates provided by PP, within the lease 500 meters following sensitive features were observed:

<b>Sensitive Features</b>	<b>Approximate aerial distance from the lease area in meters</b>	<b>Direction</b>	<b>Remarks</b>
Dug well	Within lease	-	PP has left around dug well area as no mining area.

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

1. Production shall be as per mine plan with quantity not exceeding for Stone 18,240 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 4.35 Lakh as capital and Rs. 1.72 Lakh/year as recurring. Under CER Rs. 0.20 Lakh has proposed.

**18. Case No 7505/2020 M/s Ram Janki Granite, Village - Didwara, Dist. Chhatarpur, MP Prior Environment Clearance for Stone Quarry in an area of 1.20 ha. (19637 cum per annum) (Khasra No. 1593/1, 1594/1), Village - Didwara, Tehsil - Lavkushnagar, Dist. Chhatarpur (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1593/1, 1594/1), Village - Didwara, Tehsil - Lavkushnagar, Dist. Chhatarpur (MP) 1.20 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 2669 dated: 11/06/2019 has reported that there are 09 more mines operating or proposed within 500 meters around the said mine with total area of 23.064 ha., including this mine.

The case was presented by the PP and their consultant, being it's a case Stone Quarry with total area of 23.064 ha. including this mine and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 5 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

- Revised DGPS coordinates of the project area.
- Protection plan w.r.t. pond which is at a distance of about >300 meters in the east direction .
- The project proponent shall discuss the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area", and shall be discussed in the EIA report.
- Detailed evacuation plan with transport route, required infrastructure and man-power is to be discussed in the EIA report.
- Transportation plan & traffic management plan should be discussed in the EIA report.
- Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
- Mine water discharge plan with details of garland drains and settling tanks should be detailed out on a map in the EIA report.
- Inventory of all existing trees and if any tree is to be uprooted, then it should be clearly addressed in EIA.
- CER shall also incorporate awareness/ training activities including distribution of masks, sanitizers, mass sanitization programme in the project affected villages' w.r.t. COVID-19 pandemic.

**19. Case No 7582/2020 Shri Lokendra Singh Parihar S/o Shri Yadvendra Singh Parihar, Purani Basti, Vilage - Kachnar, Tehsil - Nagod, Dist. Satna, MP – 485001 Prior Environment Clearance for Stone Quarry in an area of 1.286 ha. (4000 cum per annum) (Khasra No. 119/2, 123/2, 127/2), Village - Reruakala, Tehsil - Nagod, Dist. Satna (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 119/2, 123/2, 127/2), Village - Reruakala, Tehsil - Nagod, Dist. Satna (MP) 1.286 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 1681 dated: 28/08/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein during presentation it was observed by the committee that the as per Google image based on coordinates provided by PP

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Human settlement	>180	South – East	20 meters setback w.r.t. to NGT order and Protection plan & muffle blasting with arrangements of sand bags and three rows of plantation in this side.

Moreover, it was also observed that the entire lease area is surrounded by agriculture land, PP stated that this area has irrigated potential and crop is being taken by surrounding farmers of this area. Committee after deliberation decided that mining on agricultural field shall not be encouraged and thus asked PP to submit Soil testing analysis report particularly Nitrogen (N), Phosphorous (P) and Potassium (K) values from their field from any Government approved Soil Testing Laboratory and revised surface map showing 20 meters setback within lease from human settlement for further appraisal of this case.

**20. Case No 7583/2020 M/s Ashish Infracon Pvt. Ltd - M/s NCC Infraspac Pvt. Ltd (JV), 602, Indraprasth Corporate, Opp. Shell Petrol Pump, Ahmedabad, Gujarat Camp - Indore Naka, Above Honda Showroom, Dist. Khandwa, MP – 452020 Prior Environment Clearance for Stone Quarry in an area of 3.42 ha. (Murrum - 10000 cum per annum, Stone – 1,50,000 cum per annum) (Khasra No. 445 (Part-2)), Village - Torni, Tehsil - Khandwa, Dist. Khandwa (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 445 (Part-2)), Village - Torni, Tehsil - Khandwa, Dist. Khandwa (MP) 3.42 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 712 dated: 18/08/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant PP stated that this lease was obtained under temporary permit (TP) with two years validity for road project. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Murrum - 10000 cum per annum, Stone – 1,50,000 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 12.38 Lakh as capital and Rs. 2.03 Lakh/year as recurring. Under CER Rs. 0.50 Lakh has proposed.

**21. Case No 7427/2020 M/s Saraswati Mining & Crushing, SHri Jai Prakash Shivdasani, Village & Post - Pendra Road, Dist. Bilaspur, CG Prior Environment Clearance for Stone Quarry in an area of 2.213 ha. (49260 cum per annum) (Khasra No. 467, 468), Village - Parsel Kalan, Tehsil - Pushparajgarh, Dist. Anuppur (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 467, 468), Village - Parsel Kalan, Tehsil - Pushparajgarh, Dist. Anuppur (MP) 2.213 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 1083 dated: 23/07/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant during presentation during presentation as per Google image based on coordinates provided by PP, it was observed that the lease area is excavated it was also observed that the lease sanctioned in the 2016 whereas excavation took place from 2017. PP stated that they obtained the lease in such condition. Hence, the committee asked PP to submit M.O. statement regarding that no excavation was carried out by the PP at

after the lease sanctioned and an affidavit of PP stating that they have not carried out any mining on the lease.

The case was scheduled for the 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.

**22. Case No 7323/2020 M/s Sarveshwari Buildcom Pvt. Ltd, Ajay Bhawan, Ayappa Mandir Road, Bandhavgarh Colony, Dist. Satna, MP – 485001 Prior Environment Clearance for approval of Crusher Stone Quarry in an area of 4.90 ha. (40000 cum per annum) (Khasra No. 308P) at Village- Lakhanwah, Tehsil- Kotar, District- Satna (MP)**

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 308P) at Village- Lakhanwah, Tehsil- Kotar, District- Satna (MP) 4.90 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Assistant Draftsman (Collector Office) letter no. NIL dated 23/12/2019 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 11.06 ha., including this mine.

The case was presented by the PP and their consultant wherein during appraisal through Google image based on co-ordinates provided by PP, it was observed by the committee that the lease is surrounded from all the side by habitations (North- 138 meters, NE- 75 meters, South- MPEB substation 80 meters & West- 190 meters) and Tehsildar certificate annexure containing details about various features within 500 meters is also not submitted by PP. PP has also not appended complete set of lease sanction letter by DGM. Committee found that this site for stone query with blasting (for 40,000 cum/year production) is very critical being surrounded by habitations and other sensitive features. Thus committee after deliberations asked PP to submit Tehsildar certificate for various sensitivities around 500 meters area in the prescribed format and opinion of district mining officer about above mentioned sensitivities. Complete set of lease sanction order by DGM shall also be submitted.

The case was scheduled for the 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. It was also observed that entire lease area surrounded by habitations in the NE & NW direction of the lease and other sensitive features. Moreover, so far PP has not submitted the query/clarification which was asked in 448<sup>th</sup> SEAC meeting dated 23-07-20. Hence the committee w.r.t. NGT order dated 21.07.2020 after deliberation recommends that this case can not be considered for grant of TOR/EC on above sensitivity and file may be sent to SEIAA for onward necessary action.

**23. Case No 7587/2020 M/s Shreenath Ji Infrastructures, Partner, Shri Uday Prakash Tiwari, 31, Gulmohar Park, Rajendra Nagar, Dist. Bareilly, UP - 224001 Prior Environment Clearance for Crusher Stone Quarry in an area of 1.290 ha. (45864 cum per annum) (Khasra No. 23, 26), Village - Lakhanpura, Tehsil - Dabra, Dist. Gwalior (MP)**

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 23, 26), Village - Lakhanpura, Tehsil - Dabra, Dist. Gwalior (MP) 1.290 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Tehsildar Office letter no. Q dated: 20/07/2020 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 2.43 ha., including this mine.

The case was presented by the PP and their consultant during presentation as per Google image based on coordinates provided by PP, within 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Kachcha Road	>200 & >100	West & east	Three rows of plantation towards road side.
Canal	>500	South	Controlled blasting with arrangements of sand bags and three rows of plantation towards road side.

After presentation, the committee asked to submit following details:

- Commitment that crusher is not installed within lease area.

PP has submitted the response of above quarries same date vide letter dated 23.09.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone – 45,864 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 11.85 Lakh as capital and Rs. 02.83 Lakh/year as recurring and under CER Rs.01.60 Lakh/year years is proposed.

**24. Case No 7588/2020 Shri Satish Garg, 70-A, Anad Nagar, Bahohapur, Dist. Gwalior, MP – 474001 Prior Environment Clearance for Stone Quarry in an area of 1.050 ha. (29447.04 cum per annum) (Khasra No. 160), Village - Gangapur, Tehsil - Dabra, Dist. Gwalior (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 160), Village - Gangapur, Tehsil - Dabra, Dist. Gwalior (MP) 1.050 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Tehsildar Office letter no. Q dated: 26/06/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant during presentation as per Google image based on coordinates provided by PP, within 500 meters following sensitive features were observed of the lease area:

<b>Sensitive Features</b>	<b>Approximate aerial distance from the lease area in meters</b>	<b>Direction</b>	<b>Remarks</b>

Kachcha Road	>280	North-east	Three rows of plantation towards road side.
Canal	>170	South	Controlled blasting with arrangements of sand bags and three rows of plantation towards road side.
Isolated houses	>270	SE	Controlled blasting with arrangements of sand bags and three rows of plantation towards road side.

After presentation, the committee asked to submit following details:

- Revised plantation scheme as suggested by the committee.

PP has submitted the response of above quarries same date vide letter dated 23.09.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone – 29,447.04 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 9.81 Lakh as capital and Rs. 02.35 Lakh/year as recurring and under CER Rs.0.70 Lakh/year years is proposed.

**25. Case No 7606/2020 Smt. Babita Jain, H.No. 283, Manglay Vilas Colony, Dist. Hoshangabad, MP – 473551 Prior Environment Clearance for Stone Quarry in an area of 2.0 ha. (19404 cum per annum) (Khasra No. 353/2/1), Village - Samnapurkalan, Tehsil - Gouharganj, Dist. Raisen (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 353/2/1), Village - Samnapurkalan, Tehsil - Gouharganj, Dist. Raisen (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 2256 dated: 25/08/2020 has reported that there



are 01 more mines operating or proposed within 500 meters around the said mine with total area of 4.80 ha., including this mine.

The case was presented by the PP and their consultant during presentation as per Google image based on coordinates provided by PP, within 500 meters following sensitive features were observed of the lease area:

<b>Sensitive Features</b>	<b>Approximate aerial distance from the lease area in meters</b>	<b>Direction</b>	<b>Remarks</b>
Natural Drain	>270	North-East	Provision of Garland drain & settling tanks.

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

1. Production shall be as per mine plan with quantity not exceeding for Stone – 19,404 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 12.51 Lakh as capital and Rs. 02.18 Lakh/year as recurring and under CER Rs.0.70 Lakh/year years is proposed.

**26. Case No 7575/2020 Shri Arvind Singh Chauhan S/o Shri Jagmohan Singh Chauhan, Village - Baproli, Tehsil & Dist. Niwari, MP – 472442 Prior Environment Clearance for Stone Quarry in an area of 1.736 ha. (40000 cum per annum) (Khasra No. 23/1 Part), Village - Baproli, Tehsil - Niwari, Dist. Niwari (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 23/1 Part), Village - Baproli, Tehsil - Niwari, Dist. Niwari (MP) 1.736 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Tehsildar Office letter no.Q dated: 20/11/2019 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was scheduled for the 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.

**27. Case No 7576/2020 Shri Dharmveer Singh S/o Shri Virendra Singh, Village - Baproli, Tehsil & Dist. Niwari, MP – 472442 Prior Environment Clearance for Stone Quarry in an area of 1.636 ha. (40000 cum per annum) (Khasra No. 23/1 Part), Village - Baproli, Tehsil - Niwari, Dist. Niwari (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 23/1 Part), Village - Baproli, Tehsil - Niwari, Dist. Niwari (MP) 1.636 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Tehsildar Office letter no. Q dated: 20/11/2019 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was scheduled for the 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.

**28. Case No 7607/2020 Shri Ravi Pratap Singh S/o SHri Jang Bhadur Singh, R/o Village - Heerapur, Tehsil - Shahgarh, Dist. Chhatarpur, MP Prior Environment Clearance for Stone Quarry in an area of 2.255 ha. (69371 cum per annum) (Khasra No. 196P), Village - Mandhpur, Tehsil - Buxwaha, Dist. Chhatarpur (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 196P), Village - Mandhpur, Tehsil - Buxwaha, Dist. Chhatarpur (MP) 2.255 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format

duly verified in the Tehsildar Office letter no. 13 dated: 04/06/2018 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant to obtain EC for capacity expansion. Committee observed that being its is a case of expansion hence, PP shall be submitted the prior to MoEF&CC compliance report then after case will be appraised .

**29. Case No 7603/2020 M/s Ascon Infratech Pvt. Ltd, Director, Shri Amit Yadav, Near Police Station, Parasia, Dist. Chhindwara, MP – 480107 Prior Environment Clearance for Stone Quarry in an area of 1.0 ha. (8000 cum per annum) (Khasra No. 16/2, 18/1/7/2, 18/1/13/2), Village - Tikadi, Tehsil - Mohkked, Dist. Chhindwara (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 16/2, 18/1/7/2, 18/1/13/2), Village - Tikadi, Tehsil - Mohkked, Dist. Chhindwara (MP) 1.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 3099 dated: 17/06/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant during presentation as per Google image based on coordinates provided by PP, within 500 meters following sensitive features were observed of the lease area.

<b>Sensitive Features</b>	<b>Approximate aerial distance from the lease area in meters</b>	<b>Direction</b>	<b>Remarks</b>
SH	>225	North	Controlled blasting with arrangements of sand bags and three rows of plantation towards road side.
Pucca Road	>244 &	East	Controlled blasting with arrangements of sand bags and three rows of plantation towards road side.

After presentation, the committee asked to submit following details:

- Latest Khasra map.
- Revised CER with include infrastructure development in school, maintenance of village road as suggested by the committee.

PP vide their letter dated 23.09.2020 submitted query reply which was placed before the committee which was found satisfactory and acceptable to the committee. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone – 19,404 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 6.147 Lakh as capital and Rs. 3.35 Lakh/year as recurring and under CER Rs.0.40 Lakh/year years is proposed.

**30. Case No. – 6252/2019 Shri Sanjay Singh S/o Shri Mahendra Singh Rathore, R/o House No. 1, Village - Tanodiya, Tehsil & Dist. Agar Malwa, MP . Prior Environment Clearance for Stone Quarry in an area of 2.00 ha. (20,000 cum per annum) (Khasra No. 277, 289), Village - Tanodiya, Tehsil - Agar, Dist. Agar Malwa (MP).**

This is case of Stone (Gitti) Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 277, 289), Village - Tanodiya, Tehsil - Agar, Dist. Agar Malwa (MP) 2.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 385 dated: 07/09/18 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 380<sup>th</sup> SEAC meeting dated 05/07/2019, wherein during presentation it was observed by the committee that three more mines are within 500 meters radius of this mine as per Google image, but from the submitted M.O letter vide letter No.385 dated: 07/09/18 it has reported by MO that there is no more mine operating or proposed within 500 meters around the said mine. Committee after deliberations decided that to obtain MO's clarification regarding number mines in existence within 500

meters radius as Mining Officer in letter vide letter No 385 dated: 07/09/18 has reported that there is no more mine operating or proposed within 500 meters around the said mine but as per Google image three mines can be seen.

In this context SEAC vide letter no. 491-92 , dated 30-07-19 & SEAC letter 754-55 dated 13-12-19 were issued to PP. Hence, delisting recommended by SEAC 416<sup>th</sup> meeting dated 08-01-2020 in the absence of PP's reply.

SEIAA relisted the case and forwarded the case with technical file to SEAC vide no. 2950 dated 14.09.2020, along PP's letter dated 07.08.2020 requested he could not present the case in SEAC meeting due to CORONA. PP submitted the desired information with request to relist the case.

The case was scheduled in 399<sup>th</sup> SEAC meeting dated 30-10-19 for the 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.

The case was presented by the PP and their consultant during presentation wherein PP submitted that in the recent MO letter vide no. 278 dated 10.07.2020 mentioned that within 500 meters of this mine 04 mines were sanctioned , the total area of these mines are 7.0 hac. Out of 04 mines the lease period was expired on 21.03.2020 of sanctioned one mine allotted to Sh. Gopal Parmar , Vill. Tanodia, Khasra No. 272 , Area 2.0 ha. Now, sanctioned mines within 500 meters radius around the mine are 02. The area of all 03 mines including this mine is 5.0 ha. Now being it's a case of cluster but total area is exact 5.0 ha.. Thus, committee considered as B-2 category in the light of SEIAA OM, vide no. 1886 dated 27.12.2018.

The case was presented by the PP and their consultant during presentation during presentation as per Google image based on coordinates provided by PP, following sensitivity were recorded:

<b>Sensitive Features</b>	<b>Approximate aerial distance from the lease area in meters</b>	<b>Direction</b>	<b>Remarks</b>
Pucca Road	>190	North & East	Controlled blasting with arrangements of sand bags and three rows of plantation towards road side. No blasting is proposed.
Sheds	>260	-	

After presentation and deliberation, PP was asked to submit following information:

1. PP's commitment the OB should be used as backfilling.

PP vide their letter dated 23.09.2020 submitted query reply which was placed before the committee which was found satisfactory and acceptable to the committee. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone – 19,404 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 8.54 Lakh as capital and Rs. 03.53 Lakh/year as recurring and under CER Rs.0.60 Lakh/year years is proposed.

**(Dr. Anil Sharma)**  
**Member**

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

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

**(Dr. R. Maheshwari)**  
**Member**

**(Dr. Jai Prakash Shukla)**  
**Member**

**(A.A. Mishra)**  
**Secretary**

**(Dr. Rubina Chaudhary)**  
**Member**

**(Mohd. Kasam Khan)**  
**Chairman**

**Following standard conditions shall be applicable for the mining projects of minor mineral in addition to the specific conditions and cases appraised for grant of TOR:**

**Annexure- 'A'**

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

1. Mining should be carried out as per the submitted land use plan and approved mine plan.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and fenced from all around the site. Necessary safety signage & caution boards shall be displayed at mine site.
3. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
4. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
5. Mineral evacuation road shall be made pucca (WBM/black top) by PP.
6. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
7. Crusher with inbuilt APCD & water sprinkling system shall be installed minimum 100 meters away from the road and 500 meters away from the habitations only after the permissions of MP Pollution Control Board with atleast 03 meters high wind breaking wall of suitable material to avoid fugitive emissions.
8. Thick plantation shall be carryout in the periphery/barrier zone of the lease, mineral evacuation road and common area in the village. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
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/competent authority.
10. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
11. A separate bank account should be maintained for all the expenses made in the EMP and CER activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
12. To avoid vibration, no overcharging shall be carried out during blasting and muffle blasting shall be adopted. Blasting shall be carried out through certified blaster only and no explosive will be stored at mine site without permission from the competent authority.
13. Mine water should not be discharged from the lease and be used for sprinkling & plantations. For surface runoff and storm water garland drains and settling tanks (SS pattern) of suitable sizes shall be provided.
14. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
15. 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.

16. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
17. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
18. 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.
19. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
20. All the mines where production is > 50,000 cum/year, PP shall develop its own website to display various mining related activities proposed in EMP & CER along with budgetary allocations. All the six monthly progress report shall also be uploads on this website along with MoEF&CC & SEIAA, MP with relevant photographs of various activities such as garland drains, settling tanks, plantation, water sprinkling arrangements, transportation & haul road etc. PP or Mine Manager shall be made responsible for its maintenance & regular updation.
21. All the soil queries, the maximum permitted depth shall not exceed 02 meters below general ground level & other provisions laid down in MoEF&CC OM No. L-11011/47/2011-IA.II(M) dated 24/06/2013.
22. The mining lease holders shall after ceasing mining operation, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora , fauna etc. Moreover, A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020.
23. The project proponent shall follow the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".

**Annexure- 'B'**

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

1. District Authority should annually record the deposition of sand in the lease area (at an interval of 100 meters for leases 10 ha or > 10.00 ha and at an interval of 50 meters for leases < 10 ha.) before monsoon & in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority shall allow lease holder to excavate only the replenished quantity of sand in the subsequent year.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars. Necessary safety signage & caution boards shall be displayed at mine site.
3. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
4. Only registered vehicles/tractor trolleys 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.



5. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
6. Mineral evacuation road shall be made Pucca (WBM/black top) by PP.
7. Sand and gravel shall not be extracted up to a distance of 1 kilometer (1Km) from major bridges and highways on both sides, or five times (5x) of the span (x) of a bridge/public civil structure (including water intake points) on up-stream side and ten times (10x) the span of such bridge on down-stream side, subjected to a minimum of 250 meters on the upstream side and 500 meters on the downstream side.
8. Mining depth should be restricted to 3 meters or water level, whichever is less and distance from the bank should be 1/4<sup>th</sup> or river width and should not be less than 7.5 meters. No in-stream mining is allowed. Established water conveyance channels should not be relocated, straightened, or modified.
9. Demarcation of mining area with pillars and geo-referencing should be done prior to the start of mining.
10. PP shall carry out independent environmental audit atleast once in a year by reputed third party entity and report of such audit be placed on public domain.
11. No Mining shall be carried out during Monsoon season.
12. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 and Enforcement & Monitoring Guidelines for Sand Mining, 2020 issued by the MoEF&CC ensuring that the annual replenishment of sand in the mining lease area is sufficient to sustain the mining operations at levels prescribed in the mining plan.
13. 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. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
16. Thick plantation shall be carryout on the banks of the river adjacent to the lease, mineral evacuation road and common area in the village. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
17. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
18. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
19. A separate bank account should be maintained for all the expenses made in the EMP and CER activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
20. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
21. 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.
22. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.

23. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
24. 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.
25. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
26. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020.
27. The project proponent shall follow the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".

**Annexure- 'C'**

**Standard conditions applicable for the Sand deposits on Agricultural Land/ Khodu Bharu Type 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 mining shall be carried out strictly as per the approved mining plan.
4. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and necessary safety signage & caution boards shall be displayed at mine site.
5. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit gate of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
6. The mining activity shall be done as per approved mine plan and as per the land use plan submitted by PP.
7. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
8. Mineral evacuation road shall be made Pucca (WBM/black top) by PP.
9. 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.
10. No Mining shall be carried out during Monsoon season.
11. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC.
12. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
13. Thick plantation shall be carryout on the banks of the river adjacent to the lease, mineral evacuation road and common area in the village. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
14. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.

15. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
16. A separate bank account should be maintained for all the expenses made in the EMP and CER activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
17. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
18. 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.
19. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
20. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
21. 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.
22. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
23. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020.
24. The project proponent shall follow the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".

**Annexure- 'D'**

**General conditions applicable for the granting of TOR**

1. The date and duration of carrying out the baseline data collection and monitoring shall be informed to the concerned Regional Officer of the M.P Pollution Control Board.
2. During monitoring, photographs shall be taken as a proof of the activity with latitude & longitude, date, time & place and same shall be attached with the EIA report. A drone video showing various sensitivities of the lease and nearby area shall also be shown during EIA presentation.
3. An inventory of various features such as sensitive area, fragile areas, mining / industrial areas, habitation, water-bodies, major roads, etc. shall be prepared and furnished with EIA.
4. An inventory of flora & fauna based on actual ground survey shall be presented.
5. Risk factors with their management plan should be discussed in the EIA report.
6. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
7. The EIA document shall be printed on both sides, as far as possible.
8. All documents should be properly indexed, page numbered.
9. Period/date of data collection should be clearly indicated.

10. The letter /application for EC should quote the SEIAA case No./year and also attach a copy of the letter prescribing the TOR.
11. The copy of the letter received from the SEAC prescribing TOR for the project should be attached as an annexure to the final EIA/EMP report.
12. The final EIA/EMP report submitted to the SEIAA must incorporate all issues mentioned in TOR and that raised in Public Hearing with the generic structure as detailed out in the EIA report.
13. Grant of TOR does not mean grant of EC.
14. The status of accreditation of the EIA consultant with NABET/QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared. If consultant has engaged other laboratory for carrying out the task of monitoring and analysis of pollutants, a representative from laboratory shall also be present to answer the site specific queries.
15. On the front page of EIA/EMP reports, the name of the consultant/consultancy firm along with their complete details including their accreditation, if any shall be indicated. The consultant while submitting the EIA/EMP report shall give an undertaking to the effect that the prescribed TORs (TOR proposed by the project proponent and additional TOR given by the MOEF & CC) have been complied with and the data submitted is factually correct.
16. While submitting the EIA/EMP reports, the name of the experts associated with involved in the preparation of these reports and the laboratories through which the samples have been got analyzed should be stated in the report. It shall be indicated whether these laboratories are approved under the Environment (Protection) Act, 1986 and also have NABL accreditation.
17. All the necessary NOC's duly verified by the competent authority should be annexed.
18. PP has to submit the copy of earlier Consent condition /EC compliance report, whatever applicable along with EIA report.
19. The EIA report should clearly mention activity wise EMP and CER cost details and should depict clear breakup of the capital and recurring costs along with the timeline for incurring the capital cost. The basis of allocation of EMP and CER cost should be detailed in the EIA report to enable the comparison of compliance with the commitment by the monitoring agencies.
20. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
21. The name and number of posts to be engaged by the PP for implementation and monitoring of environmental parameters should be specified in the EIA report.
22. EIA report should be strictly as per the TOR, comply with the generic structure as detailed out in the EIA notification, 2006, baseline data is accurate and concerns raised during the public hearing are adequately addressed.
23. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
24. Public Hearing has to be carried out as per the provisions of the EIA Notification, 2006. The issues raised in public hearing shall be properly addressed in the EMP and suitable budgetary allocations shall be made in the EMP and CER based on their nature.
25. Actual measurement of top soil shall be carried out in the lease area at minimum 05 locations and additionally N, P, K and Heavy Metals shall be analyzed in all soil samples. Additionally in one soil sample, pesticides shall also be analysed.
26. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020.

27. PP shall submit biological diversity report stating that there is no adverse impact in- situ and on surrounding area by this project on local flora and fauna's habitat, breeding ground, corridor/ route etc. This report shall be filed annually with six-monthly compliance report.
28. The project proponent shall provide the mitigation measures as per MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area" with EIA report.

**FOR PROJECTS LOCATED IN SCHEDULED (V) TRIBAL AREA , following should be studied and discussed in EIA Report before Public Hearing as per the instruction of SEIAA vide letter No. 1241 dated 30/07/2018.**

29. Detailed analysis by a National Institute of repute of all aspects of the health of the residents of the Schedule Tribal block.
30. Detailed analysis of availability and quality of the drinking water resources available in the block.
31. A study by CPCB of the methodology of disposal of industrial waste from the existing industries in the block, whether it is being done in a manner that mitigate all health and environmental risks.
32. The consent of Gram Sabha of the villages in the area where project is proposed shall be obtain.