

STATE EXPERT APPRAISAL COMMITTEE – TAMIL NADU

Minutes of the Meeting of 272nd State Expert Appraisal Committee (SEAC) held on 13TH May 2022 (Friday) at SEIAA Conference Hall, 2nd Floor, Panagal Maligai, Saidapet, Chennai 600 015 for Appraisal of Building and Construction Projects, Townships and Area Development projects & Mining Projects through online and offline mode

Agenda No: 272-1


(File No: 8830/2021)

Proposed Black granite quarry lease area over an extent of 1.02.0 Ha at S. No. 9/1B Eriyur Village, Vanur Taluk, Viluppuram District, Tamil Nadu by Thiru.S.Baskar - For Environmental Clearance . (SIA/TN/MIN/232862/2021 Dt. 06 10. 2021)

The proposal was placed in this 272nd SEAC Meeting held on 13.5.2022. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:


1. The project proponent, Thiru.S.Baskar has applied for Environmental Clearance for the proposed Black granite quarry lease area over an extent of 1.02.0 Ha at S. No. 9/1B Eriyur Village, Vanur Taluk, Viluppuram District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 20 years. The production as per scheme of mining for 5 years not to exceed – ROM -70560 m³ & 10585 m³ of Black granite. The annual peak production as per mining plan is ROM- 17050 m³ & 2558 m³ black granite (3rd year respectively) with ultimate depth of 28m BGL.
4. As per MoEF & CC Notification S.O. 2269(E) Dt 1.7.2016 "(6) A cluster shall be formed when the distance between the peripheries of one lease is less than 500 meters from the periphery of other lease in a homogeneous mineral area which shall be applicable to the mine leases or quarry licenses granted on and after 9th September, 2013."

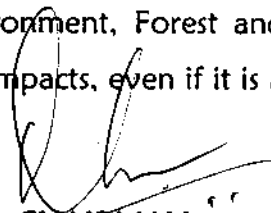

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Based on the presentation and documents furnished by the project proponent, noted that the other quarries being granted within 500m radius as Rough stone quarries, SEAC decided to recommend the proposal for the grant of Environmental Clearance, subject to the standard conditions as per the Annexure I of this minutes & normal conditions stipulated by MOEF &CC, in addition to the following specific conditions:

1. The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier.
2. The PP shall furnish the certified compliance report for the earlier EC before obtaining CTO from TNPCB.
3. The proponent shall mandatorily appoint the statutory Mines Manager and the Mining Engineer relevant to the proposed quarry size as per the provisions of Mines Act 1952 and Granite Conservation & Development Rules, 1999 respectively.
4. The proponent shall erect fencing all around the boundary of the proposed area with gates for entry/exit before the commencement of the operation and shall furnish the photographs/map showing the same before obtaining the CTO from TNPCB.
5. Perennial maintenance of haulage road/village / Panchayat Road shall be done by the project proponent as required in connection with the concerned Govt. Authority.
6. The Project Proponent shall adhere to the working parameters of mining plan which was submitted at the time of EC appraisal wherein year-wise plan was mentioned for total excavation i.e. quantum of Granite, waste, over burden, side burden and top soil etc. No change in basic mining proposal like mining technology, total excavation, mineral & waste production, lease area and scope of working (viz. method of mining, overburden & dump management, O.B & dump mining, mineral transportation mode, ultimate depth of mining etc.) shall not be carried out without prior approval of the Ministry of Environment, Forest and Climate Change, which entail adverse environmental impacts, even if it is a


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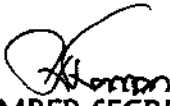

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part of approved mining plan modified after grant of EC or granted by State Govt. in the form of Short Term Permit (STP), Query license or any other name.

7. The Proponent shall ensure that the overburden, waste rock and non-saleable granite generated during prospecting or mining operations of the granite quarry shall be stored separately in properly formed dumps on grounds earmarked. The physical parameters of the waste dumps like height, width and angle of slope shall be governed as per the approved Mining Plan as per the guidelines/circulars issued by DGMS w.r.t. safety in mining operations shall be strictly adhered to maintain the stability of waste dumps. Such dumps shall be properly secured to prevent the escape of material in harmful quantities which may cause degradation of the surrounding land or silting of water courses.
8. Perennial sprinkling arrangement shall be in place on the haulage road for fugitive dust suppression. Fugitive emission measurements should be carried out during the mining operation at regular intervals and submit the consolidated report to TNPCB once in six months.
9. The Proponent shall ensure that the Noise level is monitored during mining operation at the project site for all the machineries deployed and adequate noise level reduction measures undertaken accordingly. The report on the periodic monitoring shall be submitted to TNPCB once in 6 months.
10. Proper barriers to reduce noise level and dust pollution should be established by providing greenbelt along the boundary of the quarrying site and suitable working methodology to be adopted by considering the wind direction.
11. The purpose of green belt around the project is to capture the fugitive emissions, carbon sequestration and to attenuate the noise generated, in addition to improving the aesthetics. A wide range of indigenous plant species should be planted as given in the Appendix -I in consultation with the DFO, State Agriculture University and local school/college authorities. The plant species with dense/moderate canopy of native origin should be chosen. Species of small/medium/tall trees alternating with shrubs should be planted in a mixed manner.

12. Taller/one year old Saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted with proper spacing as per the advice of local forest authorities/botanist/Horticulturist with regard to site specific choices. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner.
13. **Noise and Vibration Related:** (i) The Proponent shall carry out only the Controlled Blasting operation using the detonating cord/fuse of low grammage PETN (or) Gun powder (or) safety fuse for the extraction of the granite blocks in the quarry. However, the proponent shall use NONEL based shock tube initiation system only while carrying out the controlled blasting operations for the excavation of overburden and side burden even though no habitations (or) forest exists around the proposed site. The proponent shall not carry out any blasting operation involving the initiation system such as detonating cord safety fuse, ordinary detonators, cord relays, in the blasting operation carried out for the excavation of overburden and side burden. The mitigation measures for control of ground vibrations and to arrest fly rocks should be implemented meticulously under the supervision of statutory competent persons possessing the I / II Class Mines Manager / Foreman / Blaster certificate issued by the DGMS under MMR 1961, appointed in the quarry. No secondary blasting of granite boulders shall be carried out in any occasions and only other suitable non-explosive techniques involving chemical agents shall be adopted if such secondary breakage is required. The Project Proponent shall provide required number of the security sentries for guarding the danger zone of 500 m radius from the site of blasting to ensure that no human/animal is present within this danger zone and also no person is allowed to enter into (or) stay in the danger zone during the blasting. (ii) Appropriate measures should be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs/muffs, (iii) Noise levels should be monitored regularly (on weekly basis) near the major sources of noise generation within the core zone.

14. The proponent shall undertake in a phased manner restoration, reclamation and rehabilitation of lands affected by the quarrying operations and shall complete this work before the conclusion of such operations and the abandonment of the granite quarry as assured in the Environmental Management Plan & the approved Mine Closure Plan.
15. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
16. The operation of the quarry should not affect the agricultural activities & water bodies near the project site and a 50 m safety distance from water body should be maintained without carrying any activity. The proponent shall take appropriate measures for "Silt Management" and prepare a SOP for periodical de-siltation indicating the possible silt content and size in case of any agricultural land exists around the quarry.
17. The proponent shall provide sedimentation tank / settling tank with adequate capacity for runoff management.
18. The proponent shall ensure that the transportation of the quarried granite stones shall not cause any hindrance to the Village people/Existing Village Road and shall take adequate safety precautionary measures while the vehicles are passing through the schools / hospital. The Project Proponent shall ensure that the road may not be damaged due to transportation of the quarried granite stones; and transport of granite stones will be as per IRC Guidelines with respect to complying with traffic congestion and density.
19. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of the mining operation.
20. The Project Proponent shall take all possible precautions for the protection of environment and control of pollution while carrying out the mining or processing of granite in the area for which such licence or lease is granted, as per.
21. The Project Proponent shall comply with the provisions of the Mines Act, 1952, MMR 1961 and Mines Rules 1955 for ensuring safety, health and welfare of the people working in the mines and the surrounding habitants.


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22. The project proponent shall ensure that the provisions of the MMDR Act, 1957, the Granite Conservation and Development Rules 1999, the MCDR 2017 and Tamil Nadu Minor Mineral Concession Rules 1959 are complied by carrying out the quarrying operations in a skillful, scientific and systematic manner keeping in view proper safety of the labour, structure and the public and public works located in that vicinity of the quarrying area and in a manner to preserve the environment and ecology of the area.
23. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be informed to the District AD/DD (Geology and Mining) District Environmental Engineer (TNPCB) and the Director of Mines Safety (DMS), Chennai Region by the proponent without fail.
24. The Project Proponent shall abide by the annual production scheduled specified in the approved mining plan and if any deviation is observed, it will render the Project Proponent liable for legal action in accordance with Environment and Mining Laws.
25. Prior clearance from Forestry & Wildlife including clearance from committee of the National Board for Wildlife as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance, as per the existing law from time to time.
26. All the conditions imposed by the Assistant/Deputy Director, Geology & Mining, concerned District in the mining plan approval letter and the Precise area communication letter issued by concerned District Collector should be strictly followed.
27. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A.No.186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).

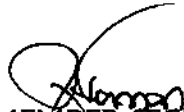
28. The Project Proponent shall adhere to the provision of the Mines Act, 1952, Mines and Mineral (Development & Regulation), Act, 2015 and rules & regulations made there under. The Project Proponent shall adhere to various circulars issued by Directorate General Mines Safety (DGMS) and Indian Bureau of Mines (IBM) from time to time.
29. That the grant of this E.C. is issued from the environmental angle only, and does not absolve the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility, to comply with the conditions laid down in all other laws for the time-being in force, rests with the project proponent.
30. As per the MoEF& CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere to the EMP furnished.
31. The Project proponent shall install a Display Board at the entrance of the mining lease area/abutting the public Road, about the project as per Appendix –II of these minutes.
32. As per the MoEF& CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere EMP furnished.
33. As accepted by the Project proponent the CER cost is Rs. 5 lakhs and the amount shall be spent for the following activities in Panchayat Union Middle School Vanur before obtaining CTO from TNPCB.


Panchayat Union Middle School Vanur	
1.	Renovation to school toilets with running water.
2.	Improvements to school infrastructure in consultation with HM.
3.	Books to school library including books on environment.
4.	Planting of trees in and around the school (As per Appendix-I).

Agenda No: 272-2

(File No: 8836/2021)

Proposed Gravel, Laterite quarry lease area over an extent of 1.62.0 Ha at S.F.Nos. 274/1 & 274/2 (P), Silambinathanpettai Village, Panruti Taluk, Cuddalore District, Tamil Nadu by Tmt.Malarkodi - For Environmental Clearance (SIA/TN/MIN/232878/2021 Dt.05.10.2021)


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The proposal was placed in this 272nd SEAC Meeting held on 13.5.2022. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Tmt. Malarkodi has applied for Environmental Clearance for the proposed Gravel, Laterite quarry lease area over an extent of 1.62.0 Ha at S.F.Nos. 274/1 & 274/2 (P), Silambinathanpettai Village, Panruti Taluk, Cuddalore District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 2 years. The production as per mining plan not to exceed – 30159 m³ of gravel & 7541 m³ of Laterite. The Annual peak production as per mining plan is 17666 m³ of gravel & 4417 m³ of Laterite (2nd year respectively) with ultimate depth of 5m AGL.

Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance, subject to the standard & normal conditions stipulated by MOEF & CC, in addition to the following specific conditions.

1. The proponent shall mandatorily appoint the required number of statutory officials and the competent persons in relevant to the proposed quarry size as per the provisions of Mines Act 1952 and Metalliferous Mines Regulations, 1961.
2. The proponent shall erect fencing all around the boundary of the proposed area with gates for entry/exit before the commencement of the operation and shall furnish the photographs/map showing the same before obtaining the CTO from TNPCB.
3. Perennial maintenance of haulage road/village / Panchayat Road shall be done by the project proponent as required in connection with the concerned Govt. Authority.
4. The Project proponent shall adhere to the working parameters of mining plan which was submitted at the time of EC appraisal wherein year-wise plan was mentioned for total excavation i.e. quantum of mineral, waste, over burden, inter


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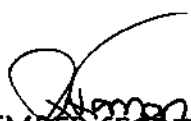

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burden and top soil etc.. No change in basic mining proposal like mining technology, total excavation, mineral & waste production, lease area and scope of working (viz. method of mining, overburden & dump management, O.B & dump mining, mineral transportation mode, ultimate depth of mining etc.) shall not be carried out without prior approval of the Ministry of Environment, Forest and Climate Change, which entail adverse environmental impacts, even if it is a part of approved mining plan modified after grant of EC or granted by State Govt. in the form of Short Term Permit (STP), Query license or any other name.

5. The reject/waste generated during the mining operations shall be stacked at earmarked waste dump site(s) only.
6. Perennial sprinkling arrangement shall be in place on the haulage road for fugitive dust suppression. Fugitive emission measurements should be carried out during the mining operation at regular intervals and submit the consolidated report to TNPCB once in six months.
7. The Proponent shall ensure that the Noise level is monitored during mining operation at the project site for all the machineries deployed and adequate noise level reduction measures undertaken accordingly. The report on the periodic monitoring shall be submitted to TNPCB once in 6 months.
8. Proper barriers to reduce noise level and dust pollution should be established by providing greenbelt along the boundary of the quarrying site and suitable working methodology to be adopted by considering the wind direction.
9. The purpose of Green belt around the project is to capture the fugitive emissions, carbon sequestration and to attenuate the noise generated, in addition to improving the aesthetics. A wide range of indigenous plant species should be planted as given in the appendix in consultation with the DFO, State Agriculture University and local school/college authorities. The plant species with dense/moderate canopy of native origin should be chosen. Species of small/medium/tall trees alternating with shrubs should be planted in a mixed manner.
10. Taller/one year old Saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted as per the advice of local forest authorities/botanist/Horticulturist with regard to site specific choices. The proponent shall earmark the greenbelt area with GPS coordinates all along the


boundary of the project site with at least 3 meters wide and in between blocks in an organized manner

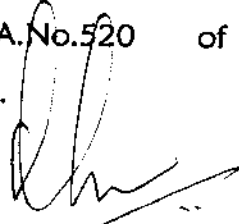
11. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
12. The operation of the quarry should not affect the agricultural activities & water bodies near the project site and a 50m safety distance from water body should be maintained without carrying any activity. The proponent shall take appropriate measures for "Silt Management" and prepare a SOP for periodical de-siltation indicating the possible silt content and size in case of any agricultural land exists around the quarry.
13. The proponent shall provide sedimentation tank / settling tank with adequate capacity for runoff management.
14. The proponent shall ensure that the transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village Road and shall take adequate safety precautionary measures while the vehicles are passing through the schools / hospital. The Project proponent shall ensure that the road may not be damaged due to transportation of the quarried rough stones; and transport of rough stones will be as per IRC Guidelines with respect to complying with traffic congestion and density.
15. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of the mining operation.
16. After mining operations are completed, the mine closure activities as indicated in the mine closure plan shall be strictly carried out by the Proponent fulfilling the necessary actions as assured in the Environmental Management Plan.
17. The Project proponent shall, after ceasing mining operations, 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 that is fit for the growth of fodder, flora, fauna etc.
18. The Project proponent shall comply with the provisions of the Mines Act, 1952, MMR 1961 and Mines Rules 1955 for ensuring safety, health and welfare of the people working in the mines and the surrounding habitants.


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19. The project proponent shall ensure that the provisions of the MMRD, 1956, the MCDR 2017 and Tamil Nadu Minor Mineral Concession Rules 1959 are complied by carrying out the quarrying operations in a skillful, scientific and systematic manner keeping in view proper safety of the labour, structure and the public and public works located in that vicinity of the quarrying area and in a manner to preserve the environment and ecology of the area.
20. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be informed to the District AD/DD(Geology and Mining) District Environmental Engineer (TNPCB) and the Director of Mines Safety (DMS), Chennai Region by the proponent without fail.
21. The Project proponent shall abide by the annual production scheduled specified in the approved mining plan and if any deviation is observed, it will render the Project proponent liable for legal action in accordance with Environment and Mining Laws.
22. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wildlife as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance, as per the existing law from time to time.
23. All the conditions imposed by the Assistant/Deputy Director, Geology & Mining, concerned District in the mining plan approval letter and the Precise area communication letter issued by concerned District Collector should be strictly followed.
24. The Project proponent shall install a Display Board at the entrance of the mining lease area/abutting the public Road if applicable, about the project as per Appendix -II of these minutes.
25. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A.No.186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).


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26.As per the MoEF& CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere EMP furnished.

27.As accepted by the Project proponent the revised CER cost is Rs. 2 lakh and the amount shall be spent for the following activities before obtaining CTO from TNPCB.

Panchayat Union Middle School V. Petnamkuppam
1. Renovation to school toilets with running water.
2. Improvements to school infrastructure in consultation with HM.
3. Books to school library including books on environment.
4. Planting of trees in and around the school (As per Appendix-I).

Agenda No: 272-3

(File No: 8838/2021)

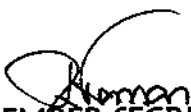
Proposed Gravel quarry lease area over an extent of 0.56.50Ha at S.F. No. 522/2 Karungal Village, Killioor Taluk, Kanniyakumari District, Tamil Nadu by Thiru K.Siva.- For Environmental Clearance (SIA/TN/MIN/233607/2021 Dt.12.10.2021)

The proposal was placed in this 272nd SEAC Meeting held on 13.5.2022. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru K.Siva has applied for Environmental Clearance for the proposed Gravel quarry lease area over an extent of 0.56.50Ha at S.F. No. 522/2 Karungal Village, Killioor Taluk, Kanniyakumari District, Tamil Nadu
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 1 year. The production as per mining plan not to exceed – 25656 m³ of gravel with ultimate depth of 9m (7m AGL + 2m BGL).

Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance, subject to the standard & normal conditions stipulated by MOEF &CC, in addition to the following specific conditions.

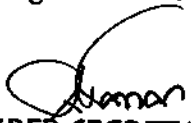

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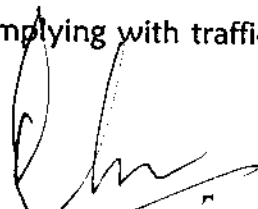

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4. The Project proponent shall adhere to the working parameters of mining plan which was submitted at the time of EC appraisal wherein year-wise plan was mentioned for total excavation i.e. quantum of mineral, waste, over burden, inter burden and top soil etc.. No change in basic mining proposal like mining technology, total excavation, mineral & waste production, lease area and scope of working (viz. method of mining, overburden & dump management, O.B & dump mining, mineral transportation mode, ultimate depth of mining etc.) shall not be carried out without prior approval of the Ministry of Environment, Forest and Climate Change, which entail adverse environmental impacts, even if it is a part of approved mining plan modified after grant of EC or granted by State Govt. in the form of Short Term Permit (STP), Query license or any other name.
5. The reject/waste generated during the mining operations shall be stacked at earmarked waste dump site(s) only.
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18. The Project proponent shall comply with the provisions of the Mines Act, 1952, MMR 1961 and Mines Rules 1955 for ensuring safety, health and welfare of the people working in the mines and the surrounding habitants.
19. The project proponent shall ensure that the provisions of the MMRD, 1956, the MCDR 2017 and Tamil Nadu Minor Mineral Concession Rules 1959 are complied by carrying out the quarrying operations in a skillful, scientific and systematic manner keeping in view proper safety of the labour, structure and the public and public works located in that vicinity of the quarrying area and in a manner to preserve the environment and ecology of the area.
20. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be informed to the District AD/DD(Geology and Mining) District Environmental

Engineer (TNPCB) and the Director of Mines Safety (DMS), Chennai Region by the proponent without fail.

21. The Project proponent shall abide by the annual production scheduled specified in the approved mining plan and if any deviation is observed, it will render the Project proponent liable for legal action in accordance with Environment and Mining Laws.
22. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wildlife as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance, as per the existing law from time to time.


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23. All the conditions imposed by the Assistant/Deputy Director, Geology & Mining, concerned District in the mining plan approval letter and the Precise area communication letter issued by concerned District Collector should be strictly followed.
24. The Project proponent shall install a Display Board at the entrance of the mining lease area/abutting the public Road if applicable, about the project as per Appendix –II of these minutes.
25. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A.No.186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).
26. As per the MoEF& CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere to the EMP furnished.
27. As accepted by the Project proponent the revised CER cost is Rs. 2 lakh and the amount shall be spent for the following activities before obtaining CTO from TNPCB.

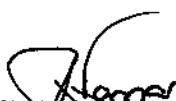
Govt Hr. Sec.School, Karungal	
1.	Renovation to school toilets with running water.
2.	Improvements to school infrastructure in consultation with HM.
3.	Books to school library including books on environment.
4.	Planting of trees in and around the school (As per Appendix-I).

Agenda No: 272-4

(File No: 8830/2021)

Proposed rough stone and gravel quarry lease area over an extent of 0.65.5 Ha at S.F. No. 438 Melamadai Village, Sattur Taluk, Virudhunagar District, Tamil Nadu by Thiru. A. Sabapathy- For Environmental Clearance. (SIA/TN/MIN/233502/2021 Dt. 11.10.2021.)

The proposal was placed in this 272nd SEAC Meeting held on 13.5.2022. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).


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The SEAC noted the following:

1. The project proponent, Thiru. A. Sabapathy has applied for Environmental Clearance for the proposed Black granite quarry lease area over an extent of 1.02.0 Ha at S. No. 9/1B Eriyur Village, Vanur Taluk, Viluppuram District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 5 year. The production as per mining plan for 5 years not to exceed – 50690m³ of rough stone & 14685 m³ of gravel. The Annual peak production as per mining plan is 14550 m³ Rough stone (5th year) & 4125 m³ gravel (1st, 2nd & 3rd year respectively) with ultimate depth of 25m BGL.

Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance, subject to the standard conditions as per the Annexure I of this minutes & normal conditions stipulated by MOEF &CC, in addition to the following specific conditions:

1. The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier.
2. As per the MoEF& CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere to the EMP furnished.
3. As accepted by the Project proponent the CER cost is Rs. 2.5 lakhs and the amount shall be spent for the following before obtaining CTO from TNPCB.

Govt Hr. Sec.School. Karungal	
1.	Renovation to school toilets with running water.
2.	Improvements to school infrastructure in consultation with HM.
3.	Books to school library including books on environment.
4.	Planting of trees in and around the school (As per Appendix-I).


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Agenda No: 272-5

(File No: 8844/2021)

Proposed rough stone , Jelly and gravel quarry lease area over an extent of 1.80.0 Ha at S.F. No. 777/2C, 777/2D, 778, 779/1, 779/2, 780/1 & 780/2 Keelakadayam Part-I Village, Tenkasi Taluk, Tenkasi District, Tamil Nadu by Thiru.J. Vincent Arockiya samy- For Environmental Clearance. (SIA/TN/MIN/56383/2020 Dt. 26.1.2022)

The proposal was placed in this 272nd SEAC Meeting held on 13.5.2022. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.J. Vincent Arockiyasamy has applied for Environmental Clearance for the proposed rough stone , Jelly and gravel quarry lease area over an extent of 1.80.0 Ha at S.F. No. 777/2C, 777/2D, 778, 779/1, 779/2, 780/1 & 780/2 Keelakadayam Part-I Village, Tenkasi Taluk, Tenkasi District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 5 year. The production as per mining plan for 5 years not to exceed – 211860m³ of rough stone & 15439 m³ of gravel. The Annual peak production as per mining plan is 42525 m³ Rough stone (4th year) & 5439 m³ gravel (1st year) with ultimate depth of 48m BGL.

Based on the presentation and documents furnished by the project proponent, SEAC noted that the Kalakad Mundanthurai Tiger Reserve is located within 10Km. As the ESZ for the Reserve is yet to be notified, the deemed ESZ is 10 km from the boundary of the Reserve. The Committee, therefore, decided to not recommend the proposal.

Agenda No: 272-6

(File No: 8845/2021)

Proposed rough stone and gravel quarry lease area over an extent of 1.04.5 Ha at S.F. No. 220/4B Kolarpatti Village, Pollachi Taluk, Coimbatore District, Tamil Nadu by Thiru. Augustian - For Environmental Clearance. (SIA/TN/MIN/233948/2021 Dt. 12.10.2021)


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The proposal was placed in this 272nd SEAC Meeting held on 13.5.2022. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru. Augustian has applied for Environmental Clearance for the proposed rough stone and gravel quarry lease area over an extent of 1.04.5 Ha at S.F. No. 220/4B Kolarpatti Village, Pollachi Taluk, Coimbatore District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 10 years. The production as per mining plan for 10 years not to exceed – 127790m³ of rough stone & 17136 m³ of gravel. The annual peak production as per mining plan is 16560 m³ Rough stone (4th year) & 6160 m³ gravel (1st year) with ultimate depth of 32m BGL.

Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance, subject to the standard conditions as per the Annexure I of this minutes & normal conditions stipulated by MOEF & CC, in addition to the following specific conditions:

1. The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier.
2. As per the MoEF & CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere to the EMP furnished.
3. As accepted by the Project proponent the CER cost is Rs. 7 lakhs and the amount shall be spent for the following before obtaining CTO from TNPCB.


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1. Renovation to school toilets with running water.
2. Improvements to school infrastructure in consultation with HM.
3. Books to school library including books on environment.
4. Planting of trees in and around the school (As per Appendix-I).

Agenda No: 272-7

(File No: 8846/2021)

Proposed rough stone and gravel quarry lease area over an extent of 1.41.5 Ha at S.F. No.119/7 Paruvachi village, Bhavani Taluk, Erode District, Tamil Nadu by Thiru.M.Sundharavel - For Environmental Clearance. (SIA/TN/MIN/234300/2021 Dt.16.10.2021)

The proposal was placed in this 272nd SEAC Meeting held on 13.5.2022. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.M.Sundharavel has applied for Environmental Clearance for the proposed rough stone and gravel quarry lease area over an extent of 1.41.5 Ha at S.F. No.119/7 Paruvachi village, Bhavani Taluk, Erode District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 5 years. The production as per mining plan for 5 years not to exceed – 51456m³ of rough stone & 14400 m³ of gravel. The Annual peak production as per mining plan is 11840m³ Rough stone (2nd & 3rd year) & 4800 m³ gravel (1st, 2nd & 3rd year) with ultimate depth of 18m BGL.

Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance, subject to the standard conditions as per the Annexure I of this minutes & normal conditions stipulated by MOEF &CC, in addition to the following specific conditions:

1. The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the


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mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier.

2. As per the MoEF& CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere to the EMP furnished.
3. As accepted by the Project proponent the CER cost is Rs. 2 lakhs and the amount shall be spent for the following before obtaining CTO from TNPCB.

Girls High School, Paruvachi
1. Renovation to school toilets with running water, including installation of incinerator.
2. Books to school library including books on environment.
3. Planting of trees in and around the school (As per Appendix-I).

Agenda No: 272-8

(File No: 8850/2021)

Proposed rough stone quarry lease area over an extent of 2.00.0 Ha at S.F. No.67 (Part) Kunniyur Village, Kallakurichi Taluk, Viluppuram District, Tamil Nadu by Thiru K.Sakthivel - For Environmental Clearance. (SIA/TN/MIN/234044/2021 Dt.13.10.2021)

The proposal was placed in this 272nd SEAC Meeting held on 13.5.2022. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru K.Sakthivel has applied for Environmental Clearance for the proposed rough stone and gravel quarry lease area over an extent of 2.00.0 Ha at S.F. No.67 (Part) Kunniyur Village, Kallakurichi Taluk, Viluppuram District, Tamil Nadu. It is a Govt. Poromboke land.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 5 years. The production as per mining plan for 5 years not to exceed – 322719m³ of rough stone. The Annual peak production as per mining plan is 64695m³ Rough stone (4th year) with ultimate depth of 45m (5m AGL + 40mBGL).


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Based on the presentation and documents furnished by the project proponent, SEAC noted that in G.O(MS) No. 295 dated 03.11.2021 the Government in Industries Department has notified the following Rules specifying certain conditions for permitting mining activities near ecologically sensitive areas.

“ ... No quarrying or mining or crushing activities shall be carried out within one kilometer radial distance or the protective distance as notified by the Ministry of Environment, Forest and Climate Change, Government of India from time to time, whichever is more, from the boundaries of ecologically sensitive areas, environmentally and ecologically sensitive protected areas such as the National parks, Wild life Sanctuaries, Tiger Reserves, Elephant corridors and Reserve Forests”.

The Committee noted that the Risivanthiyam Reserve Forest is located within a distance of 1 km from this project site and the proposal is, therefore, hit by the above G.O. The Committee, therefore, decided not to recommend the proposal.

Agenda No: 272-9

(File No: 8851/2021)

Proposed rough stone and gravel quarry lease area over an extent of 0.80.50 Ha at S.F.No.89/4 and 89/5 Savvaspuram Village, Aruppukottai, Taluk, Virudhunagar District, Tamil Nadu by Thiru.R.Ravichandran - For Environmental Clearance. (SIA/TN/MIN/175565/2020 Dt.20.9.2020)

The proposal was placed in this 272nd SEAC Meeting held on 13.5.2022. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.R.Ravichandran has applied for Environmental Clearance for the proposed rough stone and gravel quarry lease area over an extent of 0.80.50 Ha at S.F.No.89/4 and 89/5 Savvaspuram Village, Aruppukottai, Taluk, Virudhunagar District, Tamil Nadu.
2. The project/activity is covered under Category “B2” of Item 1(a) “Mining of Minerals Projects” of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 5 years. The production as per mining plan for 5 years not to exceed – 57500m³ of rough stone


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and 8052m³ of gravel. The Annual peak production as per mining plan is 12450m³ of Rough stone (5th year) & 4758m³ of gravel (1st year) with ultimate depth of 27m BGL.

Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance, subject to the standard conditions as per the Annexure I of this minutes & normal conditions stipulated by MOEF &CC, in addition to the following specific conditions:

1. The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier.
2. As per the MoEF& CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere to the EMP furnished.
3. As accepted by the Project proponent the CER cost is Rs. 5 lakhs and the amount shall be spent for the following before obtaining CTO from TNPCB.

Panchayat Union Primary School, Savvaspuram Village	
1.	Renovation to school toilets with running water.
2.	Improvements to school infrastructure in consultation with HM.
3.	Books to school library including books on environment.
4.	Planting of trees in and around the school (As per Appendix-I).

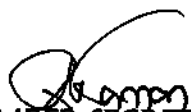
Agenda No: 272-10

(File No: 8855/2021)

Proposed rough stone and gravel quarry lease area over an extent of 2.12.5 Ha at S.F.No.532/2C, 533/1,533/2, 533/3,533, Gopalapuram Village Vembakottai Taluk Virudhunagar District, Tamil Nadu by Thiru.A.Seethakumar - For Environmental Clearance. (SIA/TN/MIN/233636/2021 Dt. 19.10.2021)

The proposal was placed in this 272nd SEAC Meeting held on 13.5.2022. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:


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1. The project proponent, Thiru.A.Seethakumar has applied for Environmental Clearance for the proposed rough stone and gravel quarry lease area over an extent of 2.12.5 Ha at S.F.No.532/2C, 533/1,533/2, 533/3,533, Gopalapuram Village Vembakottai Taluk Virudhunagar District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 10 years. The production as per mining plan for 10 years not to exceed – 229000m³ of rough stone and 58725 m³ of gravel. The annual peak production as per mining plan is 23600m³ of Rough stone (1st year) & 10875m³ of gravel (1st year) with ultimate depth of 40.6m BGL.

Based on the presentation and documents furnished by the project proponent, SEAC noted that a complaint has been received stating that there are several existing & proposed quarries located within 500m radius of the proposed project but has not been taken in to account. If the allegation is found correct, then the proposal will become B1 category instead of B2. SEAC, therefore, decided to request SEIAA to get the remarks of Joint Director / Assistant Director, Department of Geology & Mining Virudhunagar on the complaint, before proceeding further in the matter.

Agenda No: 272-11

(File No: 8861/2021)

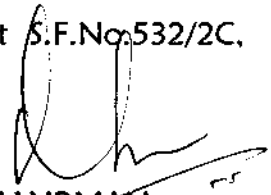
Proposed rough stone and gravel quarry lease area over an extent of 2.23.0 Ha at S.F.Nos. 660/1A, 660/1B, and 660/3 Jeyamangalam Bit-I Village, Periyakulam Taluk, Theni District, Tamil Nadu by Thiru. B.Senthilmurugan - For Environmental Clearance. (SIA/TN/MIN/235661/2021 Dt.25.10.2021)

The proposal was placed in this 272nd SEAC Meeting held on 13.5.2022. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru. B.Senthilmurugan has applied for Environmental Clearance for the proposed rough stone and gravel quarry lease area over an extent of 2.12.5 Ha at S.F.No.532/2C,


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533/1,533/2, 533/3,533, Gopalapuram Village Vembakottai Taluk Virudhunagar District, Tamil Nadu.

2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 10 years. The production as per mining plan for 5 years not to exceed – 198624m³ of rough stone and 36928 m³ of gravel. The annual peak production as per mining plan is 41000m³ of Rough stone (4th year) & 20128m³ of gravel (1st year) with ultimate depth of 35m BGL.

Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance, subject to the standard conditions as per the Annexure I of this minutes & normal conditions stipulated by MOEF &CC, in addition to the following specific conditions:

1. The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier.
2. As per the MoEF& CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere to the EMP furnished.
3. As accepted by the Project proponent the CER cost is Rs. 7 lakhs and the amount shall be spent for the following before obtaining CTO from TNPCB.

Govt Hr. Sec School Muthalakkampatti	
1.	Renovation to school toilets with running water.
2.	Improvements to school infrastructure in consultation with HM.
3.	Books to school library including books on environment.
4.	Planting of trees in and around the school (As per Appendix-I).

Agenda No: 272-12

(File No: 8865/2021)

Proposed rough stone and gravel quarry lease area over an extent of 1.62.0 Ha at S.F.Nos.317/1A1(P), Zamin Kottampatti Village, Pollachi Taluk, Coimbatore District, Tamil Nadu by M/S. Diamond Rocks Products - For Environmental Clearance.


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The proposal was placed in this 272nd SEAC Meeting held on 13.5.2022. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

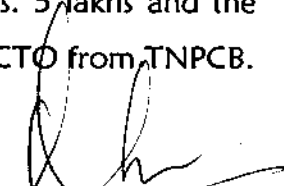
The SEAC noted the following:

1. The project proponent, M/S. Diamond Rocks Products has applied for Environmental Clearance for the proposed rough stone and gravel quarry lease area over an extent of 1.62.0 Ha at S.F.Nos.317/1A1(P), Zamin Kottampatti Village, Pollachi Taluk, Coimbatore District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 5 years. The production as per mining plan for 5 years not to exceed – 209859m³ of rough stone and 17454 m³ of gravel. The annual peak production as per mining plan is 48415m³ of Rough stone (1st year) & 10692m³ of gravel (1st year) with ultimate depth of 42m BGL.

Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance, subject to the standard conditions as per the Annexure I of this minutes & normal conditions stipulated by MOEF & CC, in addition to the following specific conditions:

1. The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier.
2. As per the MoEF & CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere to the EMP furnished.
3. As accepted by the Project proponent the CER cost is Rs. 5 lakhs and the amount shall be spent for the following before obtaining CTO from TNPCB.


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Panchayat Union Primary school, Pakkaothipalayam, Pollachi Taluk	
1.	Renovation to school toilets with running water.
2.	Improvements to school infrastructure in consultation with HM.
3.	Books to school library including books on environment.
4.	Planting of trees in and around the school (As per Appendix-I).

Agenda No: 272-13

(File No: 8868/2021)

Proposed quartz & feldspar quarry lease area over an extent of 3.98.0 Ha at S. F. Nos. 138 (P), 140/1A1, 140/3A1 (P) & 140/4A1 (P) T.Goundamapalayam Village, Paramathi Velur Taluk, Namakkal District, Tamil Nadu by M/s. G. S. Enterprises - For Environmental Clearance. (SIA/TN/MIN/235304/2021 Dt: 22.10.2021)

The proposal was placed in this 272nd SEAC Meeting held on 13.5.2022. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, M/s. G. S. Enterprises has applied for Environmental Clearance for the proposed Quartz & Feldspar quarry lease area over an extent of 3.98.0 Ha at S. F. Nos. 138 (P), 140/1A1, 140/3A1 (P) & 140/4A1 (P) T.Goundamapalayam Village, Paramathi Velur Taluk, Namakkal District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 5 years. The production as per mining plan for 5 years not to exceed – ROM – 56914T, 34149T of Quartz & 8538 T of Feldspar. The annual peak production as per mining plan is ROM – 14196 T, 8518T of Quartz & 2130 T of Feldspar (5th year) with ultimate depth of Pit – 1 – 16m & Pit – 2- 11m BGL.

Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance, subject to the standard conditions as per the Annexure I of this minutes & normal conditions stipulated by MOEF &CC, in addition to the following specific


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conditions:


1. The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier.
2. The PP shall carry out Silicosis test and eye test for their all employees in every year.
3. The employees who deployed the mining operation shall be replaced once in 2 year to avoid continuous exposure of silicosis.
4. The Proponent shall provide PPE to the miners such as Boots, Glove goggles, etc before entering to the mine.
5. The PP shall provide compound wall in southern side with a height of 5m and green net 5m above the compound wall to mitigate the fugitive emission on the leeward side before obtaining CTO from TNPCB.
6. The PP shall provide green plantation after confirming the wind direction to mitigate the fugitive emission before obtaining CTO from TNPCB.
7. The Low Tension Power Line passing through S.F.No. 138, 140/1A1, 140/3A1 & 140/4A1 should be shifted 50 meters away from the boundaries of the project area.
8. As per the MoEF& CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere to the EMP furnished.
9. As accepted by the Project proponent the CER cost is Rs. 5 lakhs and the amount shall be spent for the following activities before obtaining CTO from TNPCB.

Panchayat Union Primary School, T.Kavundampalayam village.	
1.	Renovation to school toilets with running water.
2.	Improvements to school infrastructure in consultation with HM.
3.	Books to school library including books on environment.
4.	Planting of trees in and around the school (As per Appendix-I).

Agenda No: 272-14

(File No: 8871/2021)

Proposed rough stone & gravel quarry lease area over an extent of 3.38.0 Ha at S. F. Nos. 384 (P), 387/3 & 387/4, Amayapuram Village, Manapparai Taluk,


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The proposal was placed in this 272nd SEAC Meeting held on 13.5.2022. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:


1. The project proponent, Thiru T. Rengarasu has applied for Environmental Clearance for the proposed rough stone & gravel quarry lease area over an extent of 3.38.0 Ha at S. F. Nos. 384 (P), 387/3 & 387/4, Amayapuram Village, Manapparai Taluk, Tiruchirapalli District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
4. As per the mining plan, the lease period is for 5 years. The production as per mining plan for 5 years not to exceed – 302860m³ of rough stone and 23288 m³ of gravel. The Annual peak production as per mining plan is 66750m³ of Rough stone (5th year) & 7872m³ of gravel (3rd year) with ultimate depth of 20m BGL.

Based on the presentation and documents furnished by the project proponent, SEAC noted that in G.O(MS) No. 295 dated 03.11.2021 the Government in Industries Department has notified the following Rules specifying certain conditions for permitting mining activities near ecologically sensitive areas.

"... No quarrying or mining or crushing activities shall be carried out within one kilometer radial distance or the protective distance as notified by the Ministry of Environment, Forest and Climate Change, Government of India from time to time, whichever is more, from the boundaries of ecologically sensitive areas, environmentally and ecologically sensitive protected areas such as the National parks, Wild life Sanctuaries, Tiger Reserves, Elephant corridors and Reserve Forests".

The Committee noted that the Amayapuram Reserve Forest is located within a distance of 1 km from this project site and the proposal is, therefore, hit by the above G.O. The Committee, therefore, decided not to recommend the proposal.

Agenda No: 272-15


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(File No: 8872/2021)

Proposed gravel quarry lease area over an extent of 3.16.0 Ha at SF. Nos.43/1, 43/3,43/4,43/5A, 47/8, 47/9, 47/10, Kariyamanikam Village, Manachanallur Taluk, Thiruchirapalli District Tamil Nadu by Thiru T. Balakrishnan-For Environmental Clearance. (SIA/TN/MIN/236616/2021 Dt: 30.10.2021).

The proposal was placed in this 272nd SEAC Meeting held on 13.5.2022. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru T. Balakrishnan has applied for Environmental Clearance for the proposed gravel quarry lease area over an extent of 3.16.0Ha at SF. Nos.43/1, 43/3, 43/4,43/5A, 47/8, 47/9, 47/10, Kariyamanikam Village, Manachanallur Taluk, Thiruchirapalli District Tamil Nadu .
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
5. As per the mining plan, the lease period is for 3 years. The production as per mining plan for 3 years not to exceed – 39024m³ of gravel. The Annual peak production as per mining plan is 15696m³ of gravel (1st year) with ultimate depth of 2m BGL.

Based on the presentation and documents furnished by the project proponent, SEAC noted that the soil sample was collected by the project proponent and handed over for soil testing which is inappropriate. Hence SEAC decided that the PP shall do the soil analysis again through NIT, Trichy and furnish the report for further deliberations.

Agenda No: 272-16

(File No: 8875/2021)

Proposed Rough stone & gravel quarry lease area over an extent of 1.04.5 Ha at S.F.Nos.139/10, 139/3A1, 139/4A2, 139/7A, 139/8 & 139/9 Suruttal Village, Vembakkam Taluk, Tiruvannamalai District Tamil Nadu by Tmt S. Selvanayagi - For Environmental Clearance. (SIA/TN/MIN/236564/2021 Dt: 30.10.2021).

The proposal was placed in this 272nd SEAC Meeting held on 13.5.2022. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).


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The SEAC noted the following:

1. The project proponent, Tmt S. Selvanayagi has applied for Environmental Clearance for the proposed Rough stone & gravel quarry lease area over an extent of 1.04.5 Ha at S.F.Nos.139/10, 139/3A1,139/4A2, 139/7A, 139/8 & 139/9 Suruttal Village, Vembakkam Taluk, Tiruvannamalai District Tamil Nadu .
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 5 years. The production as per mining plan for 5 years not to exceed – 92425m³ of Rough stone & 3780m³ of gravel. The Annual peak production as per mining plan is 18830m³ of Rough stone (5th year) & 3780m³ of gravel with ultimate depth of 42m BGL.

Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance, subject to the standard conditions as per the Annexure I of this minutes & normal

conditions stipulated by MOEF &CC, in addition to the following specific conditions:

1. The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier.
2. As per the MoEF& CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere to the EMP furnished.
3. As accepted by the Project proponent the CER cost is Rs. 5 lakhs and the amount shall be spent for the following activities before obtaining CTO from TNPCB.

Panchayat Union Primary School, Suruttal Village	
1.	Renovation to school toilets with running water.
2.	Improvements to school infrastructure in consultation with HM.
3.	Books to school library including books on environment.


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4. Planting of trees in and around the school (As per Appendix-I).

Agenda No: 272-17

(File No: 8876/2021)

Proposed Rough stone & gravel quarry lease area over an extent of 4.90.0 Ha at S. F. Nos. 240/1B(P), 240/2A(P), 248/2B(P), 248/3, 249/3B2(P), 250/1 & 251/1(P) Irukkandurai Part-II Village, Radhapuram Taluk, Tirunelveli District Tamil Nadu by M/s S.A.V.Manilal Blue Metals -For Environmental Clearance. (SIA/TN/MIN/252148/2022, Dt: 18.01.2022).


The proposal was placed in this 272nd SEAC Meeting held on 13.5.2022. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, M/s S.A.V.Manilal Blue Metals has applied for Environmental Clearance for the proposed Rough stone & gravel quarry lease area over an extent of 4.90.0 Ha at S.F.Nos. 240/1B(P), 240/2A(P), 248/2B(P), 248/3, 249/3B2(P), 250/1 & 251/1(P) Irukkandurai Part-II Village, Radhapuram Taluk, Tirunelveli District Tamil Nadu .
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 5 years. The production as per mining plan for 5 years not to exceed – 919710m³ of Rough stone, 111531 m³ weathered gravel & 79856 m³ of gravel. The Annual peak production as per mining plan is 225300m³ of Rough stone (4th year), 42729m³ weathered gravel (3rd year) & 31426 m³ of Top soil (3rd year) with ultimate depth of 45m BGL.

Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance, subject to the standard conditions as per the Annexure I of this minutes & normal conditions stipulated by MOEF &CC, in addition to the following specific conditions:


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1. The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier.
2. As per the MoEF& CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere to the EMP furnished.
3. As accepted by the Project proponent the CER cost is Rs. 10 lakhs and the amount shall be spent for the following activities before obtaining CTO from TNPCB.

Neeru National Higher Secondary School Vadakkankulam	
1.	Renovation to school toilets with running water.
2.	Improvements to school infrastructure in consultation with HM.
3.	Books to school library including books on environment.
4.	Planting of trees in and around the school (As per Appendix-I).

Agenda No: 272-18

(File No: 8877/2021)

Proposed Rough stone & gravel quarry lease area over an extent of 4.90.0 Ha at S. F. Nos. 299/1A, 299/1B, 299/2A, 299/2B(P), 300(P), 301/1(P), 301/2A(P), 301/2B, 301/3(P) & 306(P) Veppilankulam Part-II Village, Radhapuram Taluk, Tirunelveli District Tamil Nadu by Thiru.A.C.Arunmaran -For Environmental Clearance. (SIA/TN/MIN/237777/2021, Dt: 09.11.2021).

The proposal was placed in this 272nd SEAC Meeting held on 13.5.2022. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.A.C.Arunmaran has applied for Environmental Clearance for the proposed Rough stone & gravel quarry lease area over an extent of 4.90.0 Ha at S. F. Nos. 299/1A, 299/1B, 299/2A, 299/2B(P), 300(P), 301/1(P), 301/2A(P), 301/2B, 301/3(P) & 306(P) Veppilankulam Part-II Village, Radhapuram Taluk, Tirunelveli District, Tamil Nadu .


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2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 5 years. The production as per mining plan for 5 years not to exceed – 1166025m³ of Rough stone & 83380 m³ gravel. The Annual peak production as per mining plan is 253000m³ of Rough stone (5th year) & 33424 m³ gravel (1st year) with ultimate depth of 47m BGL.

Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance, subject to the standard conditions as per the Annexure I of this minutes & normal conditions stipulated by MOEF & CC, in addition to the following specific conditions:

1. The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier.
2. As per the MoEF & CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere to the EMP furnished.
3. Since the proposed project falls within 10km distance from the ESZ boundary of Kanyakumari Wild Life Sanctuary, as per notification No S.O. 3236(E) Dt. 22.9.2020, the PP shall remit an amount of Rs 20 lakh by way of DD to DFO, Kanyakumari, before obtaining CTO, to carry out appropriate conservation measures, like creation of water holes, planting of trees and shrubs that provide forage to wild animals as an additional component of EMP.

Agenda No: 272-19

(File No: 8878/2021)

Proposed gravel quarry lease area over an extent of 2.62.0 Ha at S. F. Nos. 232/1D,

3,5,233/13,12,9,10E,8A,10C&10D Palaiyur Village, Mannachanallur Taluk, Tiruchirappalli District, Tamil Nadu by Thiru.J.Arivazhagan Vijay-For Environmental Clearance. (SIA/TN/MIN/237711/2021, Dt: 11.11.2021).

The proposal was placed in this 272nd SEAC Meeting held on 13.5.2022. The project proponent gave detailed presentation. The details of the project furnished


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by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.J.Arivazhagan Vijay has applied for Environmental Clearance for the proposed gravel quarry lease area over an extent of 2.62.0 Ha at S. F. Nos. 232/1D, 3, 5, 233/13, 12, 9, 10E, 8A, 10C & 10D Palaiyur Village, Mannachanallur Taluk, Tiruchirappalli District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 3 years. The production as per mining plan for 3 years not to exceed – 39446m³ of gravel with ultimate depth of 2m BGL.

Based on the presentation and document furnished by the project proponent, SEAC noted that as per the report of soil analysis mentioned in the mine lease agreement, the percentage (%) of sand is more than 40%. The PP, however, wanted the proposal to be deferred for producing the original analysis report given by NIT, Trichy. SEAC therefore decided to defer the proposal to give an opportunity to the PP.

Agenda No: 272-20

(File No: 8880/2021)

Proposed Rough stone & gravel quarry lease area over an extent of 4.57.5 Ha at S. F. Nos. 835/1A, 835/2A, 835/1B & 835/2B2 Atchampatti Village, Manur Taluk, Tirunelveli District Tamil Nadu by Tmt.K.Thenmathi -For Environmental Clearance. (SIA/TN/MIN/237299/2021, Dt: 08.11.2021).

The proposal was placed in this 272nd SEAC Meeting held on 13.5.2022. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Tmt.K.Thenmathi has applied for Environmental Clearance for the proposed Rough stone & gravel quarry lease area over an extent of 4.57.5 Ha at S. F. Nos. 835/1A, 835/2A, 835/1B & 835/2B2 Atchampatti Village, Manur Taluk, Tirunelveli District Tamil Nadu .


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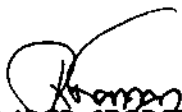

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2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 5 years. The production as per mining plan for 5 years not to exceed – 639149m³ of Rough stone & 19680 m³ gravel. The Annual peak production as per mining plan is 136680m³ of Rough stone (3rd year) & 19680m³ gravel (1st year)with ultimate depth of 37m BGL.

Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance, subject to the standard conditions as per the Annexure I of this minutes & normal conditions stipulated by MOEF &CC, in addition to the following specific conditions:

1. The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier.
2. The PP shall furnish certified compliance report of previous EC from MoEF&CC /TNPCB before obtaining CTO from TNPCB and copy submitted to SEIAA-TN.
3. As per the MoEF& CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere to the EMP furnished.
4. As accepted by the Project proponent the CER cost is Rs. 5 lakhs and the amount shall be spent for the following activities before obtaining CTO from TNPCB.

Govt High School, Velappaneri	
1.	Renovation to school toilets with running water.
2.	Improvement to school infrastructure in consultation with the HM.
3.	Books to school library including books on environment.
4.	Planting of trees in and around the school (As per Appendix-I).


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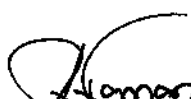
ANNEXURE - I

1. The proponent shall mandatorily appoint the required number of statutory officials and the competent persons in relevant to the proposed quarry size as per the provisions of Mines Act 1952 and Metalliferrous Mines Regulations, 1961.
2. The proponent shall erect fencing all around the boundary of the proposed area with gates for entry/exit before the commencement of the operation and shall furnish the photographs/map showing the same before obtaining the CTO from TNPCB.
3. Perennial maintenance of haulage road/village / Panchayat Road shall be done by the project proponent as required in connection with the concerned Govt. Authority.
4. The Project proponent shall adhere to the working parameters of mining plan which was submitted at the time of EC appraisal wherein year-wise plan was mentioned for total excavation i.e. quantum of mineral, waste, over burden, inter burden and top soil etc.. No change in basic mining proposal like mining technology, total excavation, mineral & waste production, lease area and scope of working (viz. method of mining, overburden & dump management, O.B & dump mining, mineral transportation mode, ultimate depth of mining etc.) shall not be carried out without prior approval of the Ministry of Environment, Forest and Climate Change, which entail adverse environmental impacts, even if it is a part of approved mining plan modified after grant of EC or granted by State Govt. in the form of Short Term Permit (STP), Query license or any other name.
5. The reject/waste generated during the mining operations shall be stacked at earmarked waste dump site(s) only. The physical parameters of the waste dumps like height, width and angle of slope shall be governed as per the approved Mining Plan as per the guidelines/circulars issued by DGMS w.r.t. safety in mining operations shall be strictly adhered to maintain the stability of waste dumps.
6. The proponent shall ensure that the slope of dumps is suitably vegetated in scientific manner with the native species to maintain the slope stability, prevent erosion and surface run off. The gullies formed on slopes should be adequately taken care of as it impacts the overall stability of dumps.


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7. Perennial sprinkling arrangement shall be in place on the haulage road for fugitive dust suppression. Fugitive emission measurements should be carried out during the mining operation at regular intervals and submit the consolidated report to TNPCB once in six months.
8. The Project proponent shall carry out slope stability study by a reputed academic/research institution such as NIRM, IIT, Anna University for evaluating the safe slope angle if the proposed dump height is more than 30 meters. The slope stability report shall be submitted to concerned regional office of MoEF&CC, Govt. of India, Chennai as well as SEIAA, Tamil Nadu .
9. The Proponent shall ensure that the Noise level is monitored during mining operation at the project site for all the machineries deployed and adequate noise level reduction measures undertaken accordingly. The report on the periodic monitoring shall be submitted to TNPCB once in 6 months.
10. Proper barriers to reduce noise level and dust pollution should be established by providing greenbelt along the boundary of the quarrying site and suitable working methodology to be adopted by considering the wind direction.
11. The purpose of Green belt around the project is to capture the fugitive emissions, carbon sequestration and to attenuate the noise generated, in addition to improving the aesthetics. A wide range of indigenous plant species should be planted as given in the appendix in consultation with the DFO, State Agriculture University and local school/college authorities. The plant species with dense/moderate canopy of native origin should be chosen. Species of small/medium/tall trees alternating with shrubs should be planted in a mixed manner.
12. Taller/one year old Saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted with proper spacing as per the advice of local forest authorities/botanist/Horticulturist with regard to site specific choices. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner


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13. **Noise and Vibration Related:** (i) The Proponent shall carry out only the Controlled Blasting operation using NONEL shock tube initiation system during daytime. Usage of other initiation systems such as detonating cord/fuse, safety fuse, ordinary detonators, cord relays, should be avoided in the blasting operation. The mitigation measures for control of ground vibrations and to arrest fly rocks should be implemented meticulously under the supervision of statutory competent persons possessing the I / II Class Mines Manager / Foreman / Blaster certificate issued by the DGMS under MMR 1961, appointed in the quarry. No secondary blasting of boulders shall be carried out in any occasions and only the Rock Breakers (or) other suitable non-explosive techniques shall be adopted if such secondary breakage is required. The Project proponent shall provide required number of the security sentries for guarding the danger zone of 500 m radius from the site of blasting to ensure that no human/animal is present within this danger zone and also no person is allowed to enter into (or) stay in the danger zone during the blasting. (ii) Appropriate measures should be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs/muffs, (iii) Noise levels should be monitored regularly (on weekly basis) near the major sources of noise generation within the core zone.
14. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
15. The operation of the quarry should not affect the agricultural activities & water bodies near the project site and a 50m safety distance from water body should be maintained without carrying any activity. The proponent shall take appropriate measures for "Silt Management" and prepare a SOP for periodical de-siltation indicating the possible silt content and size in case of any agricultural land exists around the quarry.
16. The proponent shall provide sedimentation tank / settling tank with adequate capacity for runoff management.
17. The proponent shall ensure that the transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village Road and shall take

adequate safety precautionary measures while the vehicles are passing through the schools / hospital. The Project proponent shall ensure that the road may not be damaged due to transportation of the quarried rough stones; and transport of rough stones will be as per IRC Guidelines with respect to complying with traffic congestion and density.

18. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of the mining operation.
19. After mining operations are completed, the mine closure activities as indicated in the mine closure plan shall be strictly carried out by the Proponent fulfilling the necessary actions as assured in the Environmental Management Plan.
20. The Project proponent shall, after ceasing mining operations, 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 that is fit for the growth of fodder, flora, fauna etc.
21. The Project proponent shall comply with the provisions of the Mines Act, 1952, MMR 1961 and Mines Rules 1955 for ensuring safety, health and welfare of the people working in the mines and the surrounding habitants.
22. The project proponent shall ensure that the provisions of the MMRD, 1956, the MCDR 2017 and Tamil Nadu Minor Mineral Concession Rules 1959 are complied by carrying out the quarrying operations in a skillful, scientific and systematic manner keeping in view proper safety of the labour, structure and the public and public works located in that vicinity of the quarrying area and in a manner to preserve the environment and ecology of the area.
23. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be informed to the District AD/DD(Geology and Mining) District Environmental Engineer (TNPCB) and the Director of Mines Safety (DMS), Chennai Region by the proponent without fail.
24. The Project proponent shall abide by the annual production scheduled specified in the approved mining plan and if any deviation is observed, it will render the Project proponent liable for legal action in accordance with Environment and Mining Laws.


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25. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wildlife as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance, as per the existing law from time to time.
26. All the conditions imposed by the Assistant/Deputy Director, Geology & Mining, concerned District in the mining plan approval letter and the Precise area communication letter issued by concerned District Collector should be strictly followed.
27. The Project proponent shall install a Display Board at the entrance of the mining lease area/abutting the public Road if applicable, about the project as per Appendix –II of these minutes.
28. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A.No.186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No.758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).



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Appendix -I

List of Native Trees Suggested for Planting

1. *Aeglemarmelos*-Vilvam
2. *Adenaantherapavonina*-Manjadi
3. *Albizialebbeck*-Vaagai
4. *Albiziaamara*-Usil
5. *Bauhinia purpurea* - Mantharai
6. *Bauhinia racemosa* - Aathi
7. *Bauhinia tomentosa*-Iruvathi
8. *Buchananiaaillaris*-Kattuma
9. *Borassusflabellifer*- Panai
10. *Buteamonosperma* - Murukkamaram
11. *Bobaxceiba*- Ilavu, Sevvilavu
12. *Calophylluminophyllum* - Punnai
13. *Cassia fistula*- Sarakondrai
14. *Cassia roxburghii*- Sengondrai
15. *Chloroxylonsweitenia* - Purasamaram
16. *Cochlospermumreligiosum*- Kongu, Manjallavu
17. *Cordiadichotoma*- Mookuchalimaram
18. *Cretevaadansonii*-Mavalingum
19. *Dilleniaindica*- Uva, Uzha
20. *Dilleniapentagyna*- SiruUva, Sitruzha
21. *Diospyrosebenum*- Karungali
22. *Diospyroschloroxylon*- Vaganai
23. *Ficusamplissima*- Kalltchi
24. *Hibiscus tiliaceous*-Aatrupoovarasu
25. *Hardwickiabinata*- Aacha
26. *Holopteliaintegrifolia*-Aayili
27. *Lanneacoromandelica* - Odhiam
28. *Lagerstroemia speciosa* - Poo Marudhu
29. *Lepisanthustetraphylla*- Neikottaimaram
30. *Limoniaacidissima* - Vila maram
31. *Litseaglutinosa*-Pisinpattai
32. *Madhucalongifolia* - Illuppai
33. *Manilkarahexandra*-UlakkaiPaalai
34. *Mimusopselengi* - Magizhamaram
35. *Mitragynaparvifolia* - Kadambu
36. *Morindapubescens*-Nuna
37. *Morindacitrifolia*- VellaiNuna
38. *Phoenix sylvestre*-Eachai
39. *Pongamiapinnata*-Pungam
40. *Premnamollissima*- Munnai
41. *Premnaserratifolia*- Narumunnai


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42. *Premnatomentosa*-PurangaiNaari, PudangaNaari
43. *Prosopiscinerea* - Vannimaram
44. *Pterocarpusmarsupium* - Vengai
45. *Pterospermumcanescens*-Vennangu, Tada
46. *Pterospermumxylocarpum* - Polavu
47. *Puthranjivaroxburghii*-Puthranjivi
48. *Salvadorapersica*- UgaaMaram
49. *Sapindusemarginatus*- Manipungan, Soapukai
50. *Saracaasoca* - Asoca
51. *Streblusasper*- Pirayamaram
52. *Strychnosnuxvomica*-Yetti
53. *Strychnopotatorium* - TherthangKottai
54. *Syzygiumcumini* - Naval
55. *Terminaliabellerica*- Thandri
56. *Terminalia arjuna*- Venmarudhu
57. *Toona ciliate* - Sandhanavembu
58. *Thespesiapopulnea*- Puvarasu
59. *Walsuratrifoliata*-valsura
60. *Wrightiatinctoria*- Vep


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Appendix-II
Display Board
(Size 6' x5' with Blue Background and White Letters)

-----சுரங்கம்

சுரங்கங்களில் குவாரி செயல்பாடுகளுக்கான சுற்றுச்சூழல் அனுமதி கீழ்க்கண்ட நுபந்தனைகளுக்கு உட்பட்டு வழங்கப்பட்டுள்ளது SEIAA/-----, தேதியிடப்பட்டு, சுற்றுச்சூழல் அனுமதி ----- தேதி வரை செல்லத்தக்கதாக உள்ளது.

பகனம் பகுதி வளர்ச்சி மேம்பாட்டுக்கான சுரங்கத் திட்டம்	குவாரியின் எல்லையைச் சுற்றி வேலி அமைக்க வேண்டும்
நடப்பட்டு	சுரங்கப்பாதையின் ஆழம் தரைமட்டத்திலிருந்து மீட்டர்க்கு மிகாமல் இருக்க வேண்டும்.
பராமரிக்கப்பட வேண்டிய மரங்கள் எண்ணிக்கை:	காற்றில் மாக ஏற்படாதவாறு சுரங்க பணிகளை மேற்கொள்ள வேண்டும்.
	வாகனங்கள் செல்லும் பாதையில் மாக ஏற்படாத அளவிற்கு தண்ணீரை முனையாக தண்ணீர் லாரிகளின் மூலமாக அவ்வப்போது தெளிக்க வேண்டும்.
	இரைச்சல் அளவையும் தூசி மாகபாட்டையும் குறைப்பதற்காக குவாரியின் எல்லையை சுற்றி அடர்த்தியான பசுமை பகுதியை ஏற்படுத்த வேண்டும்.
	சுரங்கத்தில் வெடி வைக்கும்பொழுது நில அதிர்வுகள் ஏற்படாதவாறும் மற்றும் கற்கள் பறக்காதவாறும் பாதுகாப்பு நடவடிக்கைகளை உன்னிப்பாக செயல்படுத்தப்பட வேண்டும்.
	சுரங்கத்தில் இருந்து ஏற்படும் இரைச்சல் அளவு 85 டெசிபெல்ஸ் (dBA) அளவிற்கு மேல் ஏற்படாதவாறு தகுந்த கட்டுப்பாடுகளை மேற் கொள்ள வேண்டும்.
	சுரங்க சட்ட விதிகள் 1955ன் கீழ் சுரங்கத்தில் உள்ள பணியாளர்களுக்கு தகுந்த பாதுகாப்பு கருவிகள் வழங்குவதோடு சுகாதாரமுள்ள கழிப்பறை வசதிகளை செய்து தர வேண்டும்.
	கிராமம் அல்லது பஞ்சாயத்து வழியாக வாகனங்கள் செல்லும் சாலையை தொடர்ந்து தன்கு பராமரிக்க வேண்டும்.
	சுரங்கப்பணிகளால் அருகில் உள்ள விவசாயப் பணிகள் மற்றும் நீர்த் திசைகள் பாதிக்கப்படக் கூடாது.
	நீர்த் திசைகள் பாதிக்கப்படாமல் இருப்பதை உறுதி செய்யும் வகையில் திடத்தடி நீரின் தரத்தினை தொடர்ந்து கண்காணிக்க வேண்டும்.
	சுரங்கத்திலிருந்து கனிம பொருட்களை எடுத்துச் செல்வது கிராம மக்களுக்கு எந்தத் சிரமத்தினையும் ஏற்படுத்தாதவாறு பாதுகாப்போடும் மற்றும் சுற்றுச்சூழல் பாதிக்கவாத வண்ணம் வாகனங்களை இயக்க வேண்டும்.
	சுரங்கப்பணிகள் முடிக்கப்பட்டவுடன் சுரங்க மூடல் திட்டத்தில் உள்ளவாறு சுரங்கத்தினை மூட வேண்டும்.
	சுரங்க நடவடிக்கைகளை முடித்துவிட்டனர் சுரங்கப் பகுதி மற்றும் சுரங்க நடவடிக்கைகளால் இடைபூறு ஏற்படக்கூடிய வேறு எந்தப் பகுதியையும் மறுகட்டுமானம் செய்து தரவாரங்கள் விவங்குகள் ஆகியவற்றின் வளர்ச்சிக்கு ஏற்ற வகையில் பசுமைப்பகுதியை உருவாக்க வேண்டும்.
	முழுமையான நுபந்தனைகளை அரிய பாரிவேஷம் (https://parivesh.nic.in) என்கிற இணையதளத்தைப் பார்வைபிடவும். மேலும் எந்தவித சுற்றுச்சூழல் சார்ந்த புகார்களுக்கு சென்னையில் உள்ள சுற்றுச்சூழல் மற்றும் வன அமைச்சகத்தின் ஒருங்கிணைந்த வட்டார அலுவலகம்: 044 - 28222325 (அல்லது) துவிழ்தாடு மாக கட்டுப்பாடு வாரியத்தின் மாவட்ட சுற்றுச்சூழல் பொறியாளரை அணுகவும்.


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