

STATE EXPERT APPRAISAL COMMITTEE – TAMIL NADU

Minutes of the Meeting of 263rd State Expert Appraisal Committee (SEAC) held on 9th April 2022 (Saturday) 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: 263-1

(File No: 8487/2021)

Proposed Rough stone quarry lease area over an extent of 2.00.0 Ha at S.F.No. 1797 (Part-3) Kilangundal Village, Dharapuram Taluk, Tiruppur District, Tamil Nadu by Thiru M.Sivanesan, - For Environmental Clearance.

(SIA/TN/MIN/206570/2021 Dt.27.3.2021)

The proposal was placed for appraisal in this 263rd meeting of SEAC held on 9.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru M.Sivanesan has applied for Environmental Clearance for the proposed Rough stone quarry lease area over an extent of 2.00.0 Ha at S.F.No. 1797 (Part-3) Kilangundal Village, Dharapuram Taluk, Tiruppur District, Tamil Nadu. It is a Govt. Promboke 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 for 5 years not to exceed 20,340 m³ of Rough stone and 4624 m³ of top soil. The Annual peak production as per mining plan is 4340 m³ of rough stone (5th year) with proposed depth of 26m(AGL).

Based on the presentation and document furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance for the


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above notings, 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. Since it is a Govt. Promboke land, the Project proponent shall remit the required amount to District Mineral Fund for carry out mine closure activity at the end of life of mine.
3. The Proposed Green belt plantation shall be carried out within One year from the commencement of mining operation.
4. 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.
5. As accepted by the Project proponent the revised CER cost is Rs. 5 lakhs and the amount shall be spent for the following activities Government High School, located in Kilangundal Village, Tiruppur District.

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| <ol style="list-style-type: none">1. construction/renovation of Girls toilet with 24/7 water facility,2. RO Water facility3. Tree plantation (see appendix)4. Providing Environmental related Books to the school library |
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Agenda No: 263-2

(File No: 8498/2021)

Proposed Rough stone quarry lease area over an extent of 1.00.0Ha at SF.No:83 (Part-9), Kondayampatti Village, Vadipatti Taluk, Madurai District, Tamil Nadu by Thiru R.Vijaykumar - For Environmental Clearance.

(SIA/TN/MIN/206511/2021 Dt.27.3.2021)

The proposal was placed for appraisal in this 263rd meeting of SEAC held on


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Clearance for the proposed Rough stone quarry lease area over an extent of 1.00.0Ha at SF.No:83 (Part-9), Kondayampatti Village, Vadipatti Taluk, Madurai District, Tamil Nadu . It is a Govt. Promboke 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 for 5 years not to exceed 132246 m³ of Rough stone. The Annual peak production as per mining plan is 27369 m³ of rough stone (5th year) with proposed depth of 50m (40m AGL + 10m 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 Vaguttumalai 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.

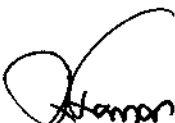
Agenda No: 263-3

(File No: 8537/2021)

Proposed Rough stone quarry lease area over an extent of 1.00.0Ha at SF.No:83 (Part-8), Kondayampatti Village, Vadipatti Taluk, Madurai District, Tamil Nadu by Thiru G Valliappan- For Environmental Clearance.

(SIA/TN/MIN/210000/2021 Dt.22.4.2021)

The proposal was placed for appraisal in this 263rd meeting of SEAC held on


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9.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru G Valliappan has applied for Environmental Clearance for the proposed Rough stone quarry lease area over an extent of 1.00.0Ha at SF.No:83 (PART-8), Kondayampatti Village, Vadipatti Taluk, Madurai District, Tamil Nadu . It is a Govt. Promboke 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 for 5 years not to exceed 1,33,578m³ of Rough stone and 6325 m³ of Top soil. The Annual peak production as per mining plan is 21952m³ of rough stone (4th year) with proposed depth of 50m (35m AGL + 15m 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 Vaguttumalai 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: 263-4

(File No: 8562/2021)

Proposed Rough stone quarry lease area over an extent of 1.00.0Ha at SF.No. 181/11(Part)


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Puliampatti Village, Palani Taluk Dindigul District, Tamil Nadu by Thiru Senthilkumar -
For Environmental Clearance.(SIA/TN/MIN/214893/2021 Dt.11.6.2021)


The proposal was placed for appraisal in this 263rd meeting of SEAC held on 9.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru Senthilkumar has applied for Environmental Clearance for the proposed Rough stone quarry lease area over an extent of 1.00.0Ha at SF.No. 181/11(Part) Puliampatti Village, Palani Taluk Dindigul District, Tamil Nadu. It is a Govt. Promboke 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.
4. As per the mining plan, the lease period is for 5 years. The production for 5 years not to exceed 78790 m³ of Rough stone. The Annual peak production as per mining plan is 16340m³ of rough stone (1st year) with proposed depth – 35m (5m AGL+30m BGL).

Based on the presentation and document furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance for the above notings, 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.


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2. Since it is a Government Poromboke land, the Project proponent shall remit the required amount to District Mineral Fund for carrying out mine closure activity at the end of life of mine.
3. The Proposed Green belt plantation shall be carried out within One year from the commencement of mining operation.
4. 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.
5. As accepted by the Project proponent the revised CER cost is Rs. 5.5 lakhs and the amount shall be spent for the following activities in Government School at Puliampatti Village before obtaining CTO from TNPCB.

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| <ol style="list-style-type: none">1. Provision of toilet construction with bio septic tank,2. Incineration in Girl's toilet.3. Library books related to Environment to school library.4. Plantation in school open space (As per Apopendix-1) |
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Agenda No: 263-5

(File No: 8554/2021)

Proposed Rough stone quarry lease area over an extent of 1.05.0 Ha at SF.No 289/1(Part)

Velampatty Village, Natham Taluk, Dindigul District, Tamil Nadu by Thiru.A.Lakshmipathy- For Environmental Clearance. (SIA/TN/MIN/214514/2021 Dt.9.6.2021)

The proposal was placed for appraisal in this 263rd meeting of SEAC held on 9.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.A.Lakshmipathy has applied for Environmental Clearance for the proposed Rough stone quarry lease area over an extent of 1.05.0 Ha at SF.No 289/1(Part) Velampatty Village, Natham Taluk, Dindigul District, Tamil Nadu. It is a Govt. Promboke land.
2. The project/activity is covered under category "B2" of Item 1 (a) "Mining of


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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 for first 5 years not to exceed 99186m³ of Rough stone. The Annual peak production as per mining plan is 20880m³ of rough stone with proposed depth of 20m (5m AGL + 15m BGL).

Based on the presentation and document furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance for the above notings, 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. Since it is a Government Poromboke land, the Project proponent shall remit the required amount to District Mineral Fund for carrying out mine closure activity at the end of life of mine.
3. The Proposed Green belt plantation shall be carried out within One year from the commencement of mining operation.
4. 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.
5. As accepted by the Project proponent the revised CER cost is Rs. 8.5 lakhs and the amount shall be spent for following activities in Government girls Hr. Sec. School at Natham Village before obtaining CTO from TNPCB.

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| <ol style="list-style-type: none">1. Provision of school building and toilet construction with bio septic2. Tank, Incineration in Girls toilet,3. Library books relevant to Environment4. Tree Plantation in school open space (as per Appendix-I) |
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Agenda No: 263-6

(File No: 8554/2021)

Proposed Rough stone quarry lease area over an extent of 1.50.0 Ha at SF.No. 341 (part-2)


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Jambuthuraikottai Village, Nilakottai Taluk, Dindigul District, Tamil Nadu by Tmt Vimalarani- For Environmental Clearance.(SIA/TN/MIN/214731/2021 Dt.11.6.2021)

The proposal was placed for appraisal in this 263rd meeting of SEAC held on 9.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Tmt Vimalarani has applied for Environmental Clearance for the proposed Rough stone quarry lease area over an extent of 1.50.0 Ha at SF.No. 341 (part-2), Jambuthuraikottai Village, Nilakottai Taluk, Dindigul District, Tamil Nadu. It is a Govt. Promboke 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.
4. As per the mining plan, the lease period is for 5 years. The production for 5 years not to exceed 242290m³ of Rough stone. The Annual peak production as per mining plan is 50130m³ of rough stone with proposed depth of 40m (20m AGL + 20m BGL).

Based on the presentation and document furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance for the above notings, 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 EMP furnished.


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3. Since it is a Government Poromboke land, the Project proponent shall remit the required amount to District Mineral Fund for carrying out mine closure activity at the end of life of mine.
4. The Proposed Green belt plantation shall be carried out within One year from the commencement of mining operation.
5. As accepted by the Project proponent the revised CER cost is Rs. 5.5 lakhs and the amount shall be spent for following activities in Government School located at J.Sallipatti Village before obtaining CTO from TNPCB.

1. Provision of school building and toilet construction with bio septic tank
2. Incineration in Girls toilet,
3. Books to library, specifically on environmental awareness.
4. Tree Plantation in school open space (as per Appendix-I)

Agenda No: 263-7

(File No: 8585/2021)

Proposed Black Granite quarry lease area over an extent of 4.91.5Ha at S.F.No.856 (Part) of Ajjanahalli Village, Pennagaram Taluk, Dharmapuri District, Tamil Nadu by Tvl. Amman Granites - For Environmental Clearance.(SIA/TN/MIN/215800/2021 Dt.19.6.2021)

The proposal was placed for appraisal in this 263rd meeting of SEAC held on 9.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Tvl.Amman Granites has applied for Environmental Clearance for the proposed Black Granite quarry lease area over an extent of 4.91.5 Ha at S.F.No.856 (Part) of Ajjanahalli Village, Pennagaram Taluk,


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Dharmapuri District, Tamil Nadu. It is a Govt. Promboke 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.
1. As per the mining plan, the lease period is for 20 years. The production for 5 years not to exceed 29625 m³ of ROM & production of Black granite 2962.5 m³. The Annual peak production as per mining plan is 6125 m³ of ROM (3rd, 4th & 5th year) & production of Black granite 612.5 m³ (3rd, 4th & 5th year) with proposed depth of 21m(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 Bevanurmalai 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.

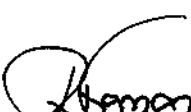
Agenda No: 263-8

(File No: 8593/2021)

Proposed Black Granite quarry lease area over an extent of 4.88.5Ha at S.F.No. 386 (Part)

Alapuram Village, Pappireddypatti Taluk, Dharmapuri District, Tamil Nadu by M/s. Sri Mangala Rocks - For Environmental Clearance. (SIA/TN/MIN/214961/2021
Dt. 12.6.2021)

The proposal was placed for appraisal in this 263rd meeting of SEAC held on 9.4.2022. The details of the project furnished by the proponent are given in the


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website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, M/s. Sri Mangala Rocks has applied for Environmental Clearance for the proposed Black Granite quarry lease area over an extent of 4.88.5Ha at S.F.No. 386 (Part) Alapuram Village, Pappireddypatti Taluk, Dharmapuri District, Tamil Nadu. It is a Govt. Promboke 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 20 years. The production for 5 years not to exceed 26000 m³ of ROM & production of Black granite 1820 m³. The Annual peak production as per mining plan is 5250 m³ of ROM (1st to 4th year) & production of Black granite 367.5 m³ (1st to 4th year) with proposed depth of 31m (17m AGL + 14m BGL).

Based on the presentation and document furnished by the project proponent, SEAC decided to call for the following details from the project proponent.

1. The project proponent shall furnish a letter from DFO stating that the exact location of the Minisi RF located from the project site.

Agenda No: 263-9

(File No: 8650/2021)

Proposed Black Granite quarry lease area over an extent of 5.00.0Ha at S.F.Nos. 830 (Part) East & 834/1 Ajjanahalli Village, Pennagaram Taluk, Dharmapuri District, Tamil Nadu by M/s. PVI Trading Corporation- For Terms of Reference. (SIA/TN/MIN/64515/2021 Dt.7.7.2021)

The proposal was placed for appraisal in this 263rd meeting of SEAC held on 9.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:


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1. The project proponent, M/s. PVI Trading Corporation has applied for Terms of Reference for the proposed Black Granite quarry lease area over an extent of 5.00.0Ha at S.F.Nos. 830 (Part) East & 834/1 Ajjanahalli Village, Pennagaram Taluk, Dharmapuri District, Tamil Nadu . It is a Govt. Promboke land.
2. The project/activity is covered under category "B1" 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 for 5 years not to exceed 37125 m³ of ROM & production of Black granite 3713 m³ and Weathered Rock – 18252m³. The Annual peak production as per mining plan is 7500 m³ of ROM (1st & 4th year) & production of Black granite 750 m³ (1st & 4th year) with proposed depth – 25m AGL.

Based on the presentation and document furnished by the project proponent, SEAC decided to call for the following details from the project proponent.

1. The project proponent shall furnish a letter from DFO stating that the exact location of the Masakkal RF located from the project site.

Agenda No: 263-10

(File No: 8197/2021)

Proposed gravel quarry lease area over an extent of 0.91.0Ha at S.F.No.370/1 (Part) Senkadu Village, Viluppuram Taluk, Viluppuram District, Tamil Nadu by Thiru G.Mahadevan - For Environmental Clearance. (SIA/TN/MIN/190212/2020 Dt.28.12.2020)

The proposal was placed for appraisal in this 263rd meeting of SEAC held on 9.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru G.Mahadevan has applied for Environmental Clearance for the proposed gravel quarry lease area over an extent of 0.91.0Ha at S.F.No.370/1 (Part) Senkadu Village, Viluppuram Taluk,


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Viluppuram District, Tamil Nadu. It is a Govt. Promboke 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 One year. The production for One year not to exceed 10,920 m³ of Gravel with proposed depth – 2m BGL.

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


1. Since it is a Government Poromboke land, the Project proponent shall remit the required amount to District Mineral Fund for carrying out mine closure activity at the end of life of mine.
2. 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.
3. 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.
4. Perennial maintenance of haulage road/village / Panchayat Road shall be done by the project proponent as required in connection with the concerned Govt. Authority.
5. 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, overburden, interburden 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


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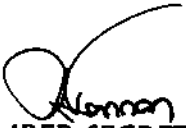
management, O.B & dump mining, mineral transportation mode, ultimate depth of mining etc.) shall not be carried out without prior approval of the Ministry of Environment, Forest and Climate Change, which entail adverse environmental impacts, even if it is a part of approved mining plan modified after grant of EC or granted by State Govt. in the form of Short Term Permit (STP), Query license or any other name.

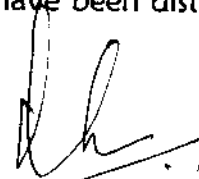
6. The reject/waste generated during the mining operations shall be stacked at earmarked waste dump site(s) only. The physical parameters of the waste dumps like height, width and angle of slope shall be governed as per the approved Mining Plan as per the guidelines/circulars issued by DGMS w.r.t. safety in mining operations shall be strictly adhered to maintain the stability of waste dumps.
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 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.
9. 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.
10. 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.


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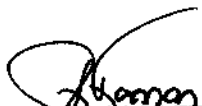

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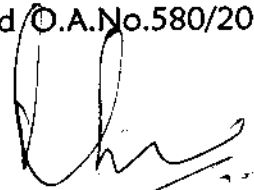
11. Taller/one year old Saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted in proper espacement as per the advice of local forest authorities/botanist/Horticulturist with regard to site specific choices. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner
12. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
13. 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.
14. The proponent shall provide sedimentation tank / settling tank with adequate capacity for runoff management.
15. 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.
16. 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.
17. 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.
18. The Project proponent shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed


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- due to their mining activities and restore the land to a condition that is fit for the growth of fodder, flora, fauna etc.
19. 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.
 20. 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.
 21. 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.
 22. 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.
 23. 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.
 24. 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.
 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


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(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.The Proposed Green belt plantation shall be carried out within One year from the commencement of mining operation.
- 27.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
- 28.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.
- 29.As accepted by the Project proponent the revised CER cost is Rs. 2 lakhs and the amount shall be spent for Sanitation facilities to the Govt school located in Koliyanur Village, Villupuram District, before obtaining CTO from TNPCB.

Agenda No: 263-II


(File No: 8563/2021)

Proposed Black Granite quarry lease area over an extent of 2.00.0 Ha at SF.No. 383/1(Part-2), Polayamballi Village, Harur Taluk, Dharmapuri District, Tamil Nadu by Thiru Arunkumar M- For Environmental Clearance. (SIA/TN/MIN/215010/2021 Dt.12.6.2021)

The proposal was placed for appraisal in this 263rd meeting of SEAC held on 9.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru Arunkumar M has applied for Environmental Clearance for the proposed Black Granite quarry lease area over an extent of


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2.00.0 Ha at SF.No. 383/1(Part-2), Polayamballi Village, Harur Taluk, Dharmapuri District, Tamil Nadu. It is a Govt. Promboke 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 20 years. The production for 5 years not to exceed 25375m³ of ROM & production of Black granite 1776 m³. The Annual peak production as per mining plan is 5875 m³ of ROM (2nd year) & production of Black granite 411 m³ (2nd year) with proposed depth of 20m AGL.

Based on the presentation and document furnished by the project proponent, SEAC decided to call for the following details from the project proponent

1. The project proponent shall furnish a letter from DFO stating that the details of nearest RF (keragondahalli) & its distance located with respect to the project site.

Agenda No: 263-12

(File No: 8575/2021)

Proposed Rough stone quarry lease area over an extent of 0.64.5 Ha at SF.No. 302/2(P) Mallanampatti Village, Nilakottai Taluk, Dindigul District, Tamil Nadu by Thiru Sivan K- For Environmental Clearance.(SIA/TN/MIN/215420/2021 Dt.16.6.2021)

The proposal was placed for appraisal in this 263rd meeting of SEAC held on 9.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru Sivan K has applied for Environmental Clearance for the proposed Rough stone quarry lease area over an extent of 0.64.5 Ha at SF.No. 302/2(P), Mallanampatti Village, Nilakottai Taluk, Dindigul District, Tamil Nadu. It is a Govt. Promboke 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.


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4. As per the mining plan, the lease period is for 5 years. The production for 5 years not to exceed 42936m³ of Rough stone. The Annual peak production as per mining plan is 9768m³ of rough stone (4th year) with proposed depth – 38m (8m AGL + 30m BGL).

Based on the presentation and document furnished by the project proponent, SEAC decided to call for the following details from the project proponent

1. The project proponent shall furnish a letter from DFO stating that the details of nearest RF (Kadavakurichi) & its distance located with respect to the project site.

Agenda No: 263-13

(File No: 8604/2021)

Proposed Black Granite quarry lease area over an extent of 0.97.5 Ha at S.F.No. 9/6 Kunnam Village, Vanur Taluk, Viluppuram District, Tamil Nadu by Thiru Sankar.V - For Environmental Clearance. (SIA/TN/MIN/216775/2021 Dt.29.6.2021)

The proposal was placed for appraisal in this 263rd meeting of SEAC held on 9.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru Sankar.V has applied for Environmental Clearance for the proposed Black Granite quarry lease area over an extent of 0.97.5 Ha at S.F.No. 9/6 Kunnam Village, Vanur Taluk, Viluppuram District, Tamil Nadu. It is a Govt. Promboke 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 20 years. The production for 5 years not to exceed 5680m³ of ROM & production of Black granite 568 m³. The Annual peak production as per mining plan is 1152 m³ of ROM (1st



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& 2nd year) & production of Black granite 115 m³ (1st, 2nd & 5th year) with proposed depth – 13m BGL. Ultimate depth – 33m BGL(Existing – 20 + proposed- 13m)


Based on the presentation and document furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance for the above notings, subject to the standard & 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. Since it is a Government Poromboke land, the Project proponent shall remit the required amount to District Mineral Fund for carrying out mine closure activity at the end of life of mine.
3. The Proposed Green belt plantation shall be carried out within One year from the commencement of mining operation.
4. The proponent shall mandatorily appoint the statutory Mines Manager and the Mining Engineer in relevant to the proposed quarry size as per the provisions of Mines Act 1952 and Granite Conservation & Development Rules, 1999 respectively.
5. 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.


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6. Perennial maintenance of haulage road/village / Panchayat Road shall be done by the project proponent as required in connection with the concerned Govt. Authority.
7. 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 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.
8. 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.
9. Perennial sprinkling arrangement shall be in place on the haulage road for fugitive dust suppression. Fugitive emission measurements should be carried


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out during the mining operation at regular intervals and submit the consolidated report to TNPCB once in six months.

10. 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.
11. 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.
12. 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.
13. Taller/one year old Saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted in proper espacement 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.
14. 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.

15. 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.


16. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.


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17. 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.
18. The proponent shall provide sedimentation tank / settling tank with adequate capacity for runoff management.
19. 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.
20. 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.
21. 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.
22. 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.
23. 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.

24. 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.
25. 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.
26. 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.
27. 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.
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).
29. 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.


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30. 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.
31. As per the MoEF& CC Office Memorandum F.No. 22-65/2017-1A.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere EMP furnished.
32. 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.
33. As accepted by the Project proponent the revised CER cost is Rs. 6.58 lakhs and the amount shall be spent for the following activities in Government Higher Secondary School, Thiruvakkarai before obtaining CTO from TNPCB.

- 1 Avenue Plantation along the School Boundary @ 100 trees
- 2 Installation of Hand Wash Unit & Water Storage Sump
- 3 Painting in class rooms
- 4 Re-construction of Existing Toilets for Boys & Girls Toilet
5. Books to library, specifically on environmental awareness.

Agenda No: 263-14

(File No: 8608/2021)

Proposed Black Granite quarry lease area over an extent of 3.40.0 Ha at S.F.Nos.1 & 65 Melputhupattu Village, 184/1 Vadapalai Village Melmalaiyanur Taluk Viluppuram, Tamil Nadu by Thiru T.K. Kumar - For Environmental Clearance. (SIA/TN/MIN/216937/2021 Dt 2.7.2021)

The proposal was placed for appraisal in this 263rd meeting of SEAC held on 9.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:


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1. The project proponent, Thiru T.K. Kumar has applied for Environmental Clearance for the proposed Black Granite quarry lease area over an extent of 3.40.0 Ha at S.F.Nos.1 & 65 Melputhupattu Village, 184/1 Vadapalai Village Melmalaiyanur Taluk Viluppuram District, Tamil Nadu. It is a Govt. Promboke 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 20 years. The production for 5 years not to exceed 40300m³ of ROM & production of Black granite 4030m³. The Annual peak production as per mining plan is 8100m³ of ROM (1st to 4th year) & production of Black granite 810m³ (1st to 4th year) with proposed depth of 40m (5m AGL + 35m BGL).

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

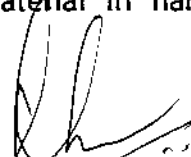
1. The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier.
2. Parallely, SEAC decide to request MSSR Foundation to carry out Flora & Fauna study to clearly understand the implications of quarry activity on the local ecology in the short and long run, as such a study would be useful to SEAC to examine such proposals in future.
3. Since it is a Government Poromboke land, the Project proponent shall remit the required amount to District Mineral Fund for carrying out mine closure activity at the end of life of mine.
4. The Proposed Green belt plantation shall be carried out within One year from the commencement of mining operation.


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5. The proponent shall mandatorily appoint the statutory Mines Manager and the Mining Engineer in relevant to the proposed quarry size as per the provisions of Mines Act 1952 and Granite Conservation & Development Rules, 1999 respectively.
6. 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.
7. Perennial maintenance of haulage road/village / Panchayat Road shall be done by the project proponent as required in connection with the concerned Govt. Authority.
8. 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, overburden, 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 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.
9. 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


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quantities which may cause degradation of the surrounding land or silting of water courses.

10. 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.
11. 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.
12. 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.
13. 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.
14. Taller/one year old Saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted in proper espacement 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.
15. 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


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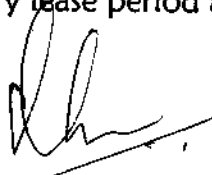
shock tube initiation system only while carrying out the controlled blasting operations for the excavation of overburden and side burden even though no habitations (or) forest exists around the proposed site. The proponent shall not carry out any blasting operation involving the initiation system such 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.

16. 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.
17. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
18. 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.

19. The proponent shall provide sedimentation tank / settling tank with adequate capacity for runoff management.
20. 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.
21. 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.
22. 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
23. 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.
24. 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.
25. 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


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- 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.
26. 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.
27. 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.
28. 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.
29. 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).
30. 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.
31. 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


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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.

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.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.

34.As accepted by the Project proponent the revised CER cost is Rs. 10.62 lakhs and the amount shall be spent for following activities in Govt. School located in Vadapalai Village before obtaining CTO from TNPCB.

- | |
|---|
| <ol style="list-style-type: none">1 Avenue Plantation along the School Boundary @ 100 trees2 Installation of Hand Wash Unit & Water Storage Sump3 Painting in class rooms4 Re-construction of Existing Toilets for Boys & Girls Toilet5. Books to library, specifically on environmental awareness. |
|---|

Agenda No: 263-15

(File No: 8619/2021)

Proposed Black Granite quarry lease area over an extent of 1.52.0 Ha at S.F.No.383/1(P) Bit-3 Polayamballi Village , Harur Taluk , Dharmapuri, Tamil Nadu by M/S.PVI Trading Corporation - For Environmental Clearance. (SIA/TN/MIN/217551/2021 Dt.30.6.2021)

The proposal was placed for appraisal in this 263rd meeting of SEAC held on 9.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, M/S.PVI Trading Corporation has applied for Environmental Clearance for the proposed Black Granite quarry lease area over an extent of 1.52.0 Ha at S.F.No.383/1(P) Bit-3 Polayamballi Village , Harur Taluk , Dharmapuri, Tamil Nadu. It is a Govt. Promboke 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 20 years. The production for 5


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years not to exceed 22000m³ of ROM & production of Black granite 1540m³. The Annual peak production as per mining plan is 7500m³ of ROM (5th year) & production of Black granite 525m³ (5th year) with proposed depth of 20m AGL.

Based on the presentation and document furnished by the project proponent, SEAC decided called for the following details from the PP.

1. The project proponent shall furnish a letter from DFO stating that the details of Nearest RF ^{kevagodahalli} & its distance located with respect to the project site.

Agenda No: 263-16

(File No: 8653/2021)

Proposed Rough Stone quarry lease area over an extent of Extent 0.78.0 Ha at SF.No. 83/1A (P) Kondayampatti Village Vadipatti Taluk, Madurai District, Tamil Nadu by Thiru N.Sundarbabu- For Environmental Clearance . (SIA/TN/MIN/218486/2021 Dt.7.7.2021)

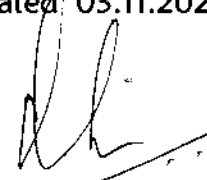
The proposal was placed for appraisal in this 263rd meeting of SEAC held on 9.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru N.Sundarbabu has applied for Environmental Clearance for the proposed Rough Stone quarry lease area over an extent of Extent 0.78.0 Ha at SF.No. 83/1A (P) Kondayampatti Village Vadipatti Taluk, Madurai District, Tamil Nadu. It is a Govt. Promboke 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 for 5 years not to exceed 50,210 m³ of Rough stone. The Annual peak production as per mining plan is 6345m³ of rough stone (5th year) with ultimate depth -of 41m(BGL). (existing depth- 32m)
4. 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


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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 Veguthumalai 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: 263-17


(File No: 7923/2020)

Proposed Rough Stone quarry lease area over an extent of Extent 1.00.0 Ha at SF.No. 705 (PART.2), Ponnai Village, Katpadi Taluk, Vellore District, Tamil Nadu by Thiru.C.N.Moorthy - For Environmental Clearance. (SIA/TN/MIN/175686/2020 Dt.8.10.2020)

The proposal was placed for appraisal in this 263rd meeting of SEAC held on 9.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.C.N.Moorthy has applied for Environmental Clearance for the proposed Rough Stone quarry lease area over an extent of Extent 1.00.0 Ha at SF.No. 705 (Part.2), Ponnai Village, Katpadi Taluk, Vellore District, Tamil Nadu. It is a Govt. Promboke 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.


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5. As per the mining plan, the lease period is for 10 years. The production for 5 years not to exceed 1,39,588 m³ of Rough stone. The Annual peak production as per mining plan is 28288m³ of rough stone (3rd year) with proposed depth of 45.5 m (13m AGL+ 32.5m BGL).

Based on the presentation and document furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance for the above notings, 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. Since it is a Govt. Promboke land, the Project proponent shall remit the required amount to District Mineral Fund for carry out mine closure activity at the end of life of mine.
3. The Proposed Green belt plantation shall be carried out within One year from the commencement of mining operation.
4. 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.
5. As accepted by the Project proponent the revised CER cost is Rs. 5 lakh and the amount shall be spent for following activities at Panchayat Union Middle school Ponnai pudur Village before obtaining CTO from TNPCB.

- | |
|---|
| <ol style="list-style-type: none">1. Tree plantation in and around area – 125 nos @ Rs. 200 pertree2. Construction of Toilet facility, renovation of building3. Provision of Drinking water facility,4. Library books related to Environment & bookRacks |
|---|

Agenda No: 263-18

(File No: 8608/2021)

Proposed Rough Stone quarry lease area over an extent of Extent 1.42.0Ha at S.F.Nos. 76 and 140 (Part-3) Nathathahalli Village, Nallampalli Taluk, Dharmapuri District, Tamil


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Nadu by M/s Sri Vetri Constructions - For Environmental Clearance.
(SIA/TN/MIN/174379/2020 Dt.21.9.2020)

The proposal was placed for appraisal in this 263rd meeting of SEAC held on 9.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, M/s Sri Vetri Constructions has applied for Environmental Clearance for the proposed Rough Stone quarry lease area over an extent of Extent 1.42.0Ha at S.F.Nos. 76 and 140 (Part-3) Nathathahalli Village, Nallampalli Taluk, Dharmapuri District, Tamil Nadu. It is a Govt. Promboke 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 10 years. The production for 5 years not to exceed 1,04,273 m³ of Rough stone & 3,102m³ of weathered rock. The Annual peak production as per mining plan is 40810m³ of rough stone (4th year) with proposed depth of 20m (6m AGL + 14m BGL) with 3m existing depth + 17m proposed.

Based on the presentation and document furnished by the project proponent, SEAC decided called for the following details from the PP.


1. The project proponent shall furnish a letter from DFO stating the exact distance of the proposed location to the Nathathahalli RF.

Agenda No: 263-19

(File No: 7984/2021)

Proposed Rough Stone quarry lease area over an extent of Extent 2.00.0 Ha at SF.No. 416/35(Part-4), Vinnamangalam Village, Vellore Taluk, Vellore District, Tamil Nadu by Thiru K. Dineshkumar - For Environmental Clearance. (SIA/TN/MIN/180421/2020 Dt. 29.3.2021)

The proposal was placed for appraisal in this 263rd meeting of SEAC held on 9.4.2022. The details of the project furnished by the proponent are given in the


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website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru K. Dineshkumar has applied for Environmental Clearance for the proposed Rough Stone quarry lease area over an extent of Extent 1.42.0Ha at SF.No. 416/35(Part-4), Vinnamangalam Village, Vellore Taluk, Vellore District, Tamil Nadu. It is a Govt. Promboke 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 10 years. The production for 5 years not to exceed 3,85,648 m³ of Rough stone. The Annual peak production as per mining plan is 114026m³ of rough stone with proposed depth of 51m(31m AGL + 20m BGL).

Based on the presentation and document furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance for the above notings, 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. Since it is a Government poromboke land, the project proponent shall remit the required amount to District Mineral Fund for carrying out mine closure activity at the end of life of mine.
3. The Proposed Green belt plantation shall be carried out within One year from the commencement of mining operation.
4. 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.


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5. As accepted by the Project proponent the revised CER cost is Rs. 5 lakh and the amount shall be spent for following activities at Government Higher Secondary School in Minnur Village, before obtaining CTO from TNPCB.

1. Green belt development in the school
2. Providing hygiene Toilets rooms for students
3. Providing Environmental related books in the school library
4. Electrical incinerators for disposal of sanitary napkins

Agenda No: 263-20


(File No: 8131/2021)

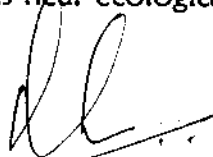
Proposed Rough Stone quarry lease area over an extent of Extent 1.42.0Ha at S.F.No. 137(Part) of Moolakkadu Village, Mettur Taluk, Salem District, Tamil Nadu by Thiru M.Arumugam - For Terms of Reference . (SIA/TN/MIN/187617/2020 Dt.11.12.2020)

The proposal was placed for appraisal in this 263rd meeting of SEAC held on 9.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru M.Arumugam has applied for Terms of Reference for the proposed Rough Stone quarry lease area over an extent of Extent 1.42.0Ha at S.F.No. 137(Part) of Moolakkadu Village, Mettur Taluk, Salem District, Tamil Nadu. It is a Govt. Promboke land.
2. The project/activity is covered under category "B1" 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 for 5 years not to exceed 90365 m³ of Rough stone. The Annual peak production as per mining plan is 18165m³ of Rough stone (3rd year) with proposed depth of 41m (31m AGL + 10m BGL).
4. 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


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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 Palamalai 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.


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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 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 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 in proper espacement 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 NONEL shock tube initiation system during daytime. Usage


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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 TNPCCB.
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


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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.
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


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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).

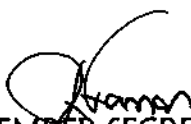

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Appendix -I

List of Native Trees Suggested for Planting

1. *Aegle marmelos*-Vilvam
2. *Adenaanthera pavonina*-Manjadi
3. *Albizia lebbek*-Vaagai
4. *Albizia amara*-Usil
5. *Bauhinia purpurea* - Mantharai
6. *Bauhinia racemosa* - Aathi
7. *Bauhinia tomentosa*-Iruvathi
8. *Buchanania aillaris*-Kattuma
9. *Borassus flabellifer*- Panai
10. *Butea monosperma* - Murukkamaram
11. *Bobax ceiba*- Ilavu, Sevvilavu
12. *Calophyllum illuminophyllum* - Punnai
13. *Cassia fistula*- Sarakondrai
14. *Cassia roxburghii*- Sengondrai
15. *Chloroxylon swietenia* - Purasamaram
16. *Cochlospermum religiosum*- Kongu, Manjallavu
17. *Cordia dichotoma*- Mookuchalimaram
18. *Creteva adansonii*-Mavalingum
19. *Dillenia indica*- Uva, Uzha
20. *Dillenia pentagyna*- Siru Uva, Sitruzha
21. *Diospyros ebenum*- Karungali
22. *Diospyros chloroxylon*- Vaganai
23. *Ficus amplissima*- Kallitchi
24. *Hibiscus tiliaceus*-Aatrupoovarasu
25. *Hardwickia binata*- Aacha
26. *Holoptelia integrifolia*-Aayili
27. *Lannea coromandelica* - Odhiam
28. *Lagerstroemia speciosa* - Poo Marudhu
29. *Lepisanthus tetraphylla*- Neikottaimaram
30. *Limonia acidissima* - Vila maram
31. *Litsea glutinosa*-Pisinpattai
32. *Madhuca longifolia* - Illuppai
33. *Manilkara hexandra*-Ulakkai Paalai
34. *Mimusops elengi* - Magizhamaram
35. *Mitragyna parvifolia* - Kadambu
36. *Morinda pubescens*-Nuna
37. *Morinda citrifolia*- Vellai Nuna
38. *Phoenix sylvestre*-Eachai
39. *Pongamia pinnata*-Pungam
40. *Premna mollissima*- Munnai


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41. *Premnaserratifolia*- Narumunnai
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. *Strychnopotatorum* - 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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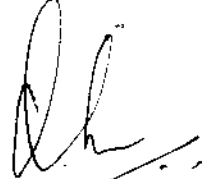
Appendix-II
Display Board
(Size 6' x5' with Blue Background and White Letters)

-----சுரங்கம்

சுரங்கங்களில் சுவாரி செயல்பாடுகளுக்கான சுற்றுச்சூழல் அனுமதி கீழ்க்கண்ட நிபந்தனைகளுக்கு உட்பட்டு வழங்கப்பட்டுள்ளது SEIAA/____, தேதியிடப்பட்டு, சுற்றுச்சூழல் அனுமதி _____ தேதி வரை செல்லத்தக்கதாக உள்ளது.

பசுமை பகுதி வளர்ச்சி	சுவாரியின் எல்லையைச் சுற்றி வேலி அமைக்க வேண்டும்
மேம்பாட்டுக்கான சுரங்கத் திட்டம்	சுரங்கப்பாதையின் ஆழம் தரைமட்டத்திலிருந்து மீட்டர்க்கு மிகாமல் இருக்க வேண்டும்.
	காற்றில் மாக ஏற்படாதவாறு சுரங்க பணிகளை மேற்கொள்ள வேண்டும்.
தட்பவெப்பம்	வாகனங்கள் செல்லும் பாதையில் மாக ஏற்படாத அளவிற்கு தண்ணீர் முனையாக தண்ணீர் லாரிகளின் மூலமாக அவ்வப்போது தெளிக்க வேண்டும்.
பிராமிக்கப்பட வேண்டிய மரங்கள் எண்ணிக்கை:	இரைச்சல் அளவையும் தூசி மாகப்பாட்டையும் குறைப்பதற்காக சுவாரியின் எல்லையை சுற்றி அடர்த்தியான பசுமை பகுதியை ஏற்படுத்த வேண்டும்.
	சுரங்கத்தில் வெடி வைக்கும்பொழுது நிலஅதிர்வுகள் ஏற்படாதவாறும் மற்றும் சுற்கள் பறக்காதவாறும் பாதுகாப்பு நடவடிக்கைகளை உன்னிப்பாக செயல்படுத்தப்பட வேண்டும்.
	சுரங்கத்தில் இருந்து ஏற்படும் இரைச்சல் அளவு 85 டிசிபெல்ஸ் (dBA) அளவிற்கு மேல் ஏற்படாதவாறு தகுந்த கட்டுப்பாடுகளை மேற் கொள்ள வேண்டும்.
	சுரங்க சட்ட விதிகள் 1955ன் கீழ் சுரங்கத்தில் உள்ள பணியாளர்களுக்கு தகுந்த பாதுகாப்பு கருவிகள் வழங்குவதோடு ககாதாரமுள்ள கழிப்பறை வசதிகளை செய்து தர வேண்டும்.
	கிராமம் அல்லது பஞ்சாயத்து வட்டியாக வாகனங்கள் செல்லும் சாலையை தொடர்ந்து தன்கு பிராமிக்க வேண்டும்.
	சுரங்கப்பணிகளால் அருகில் உள்ள விவசாயப் பணிகள் மற்றும் தீர்திலைகள் பாதிக்கப்படக் கூடாது.
	தீர்திலைகள் பாதிக்கப்படாமல் இருப்பதை உறுதி செய்யும் வகையில் திவத்தடி தீர்த் 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 முடித்தபின்னர் சுரங்கப் பகுதி மற்றும் சுரங்க நடவடிக்கைகளால் இடையூறு ஏற்படக்கூடிய வேறு எந்தப் பகுதியையும் மறுகட்டுமானம் செய்து தாவரங்கள் விலங்குகள் ஆகியவற்றின் வளர்ச்சிக்கு ஏற்ற வகையில் பசுமைப்பகுதியை உருவாக்க வேண்டும்.
	முழுமையான நிபந்தனைகளை அறிய பாரிவேஷ் (http://parivesh.nic.in) என்கிற இணையதளத்தைப் பார்க்கப்படும். மேலும் எந்தவித சுற்றுச்சூழல் சார்ந்த புகார்களுக்கும் சென்னையில் உள்ள சுற்றுச்சூழல் மற்றும் வன அமைச்சகத்தின் ஒருங்கிணைந்த வட்டார அலுவலகம்: 044 - 28222325 (அல்லது) தமிழ்நாடு மாக கட்டுப்பாடு வாரியத்தின் மாவட்ட சுற்றுச்சூழல் பொறியாளரை அணுகவும்.


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