

**STATE EXPERT APPRAISAL COMMITTEE – TAMIL NADU**

Minutes of the Meeting of 271<sup>st</sup> State Expert Appraisal Committee (SEAC) held on 12<sup>th</sup> May 2022 (Thursday) at SEIAA Conference Hall, 2<sup>nd</sup> 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

**Confirmation of Earlier Minutes**

The Committee noted the following inadvertent errors in the minutes of 259<sup>th</sup> meeting held during 31<sup>st</sup> March, 2022, and approved the following corrections;

Agenda & File No.	Page No.	As stated in minutes	May be read as
Agenda No: 259-07 (File No.7472/2020)	18	Nagamalai and vikkiramangalam Reserve Forest	Kodimangalam Reserve Forest
Agenda No: 259-18 (File No: 8324/2020)	52	"Sanamavu" Reserve Forest	Rajdheni Reserve Forest

Agenda No: 271-I


(File No: 8745/2021)

Proposed construction of Multiplex Commercial Complex at S.F. Nos. 542/2A, 542/2B & 543/2 Thirukachoor Village, Chengalpattu Taluk, Chengalpattu District Tamil Nadu M/s. A.V.R.N. Hotels Private Limited - For Environmental Clearance. (SIA/TN/MIN/226411/2021 Dt. 26 08. 2021)

The proposal was placed in this 271<sup>st</sup> SEAC Meeting held on 12.5.2022. The project proponent gave a detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, M/s. A.V.R.N. Hotels Private Limited, has applied for Environmental Clearance for the proposed construction of Multiplex Commercial Complex at S.F. Nos. 542/2A, 542/2B & 543/2 Thirukachoor Village, Chengalpattu Taluk, Chengalpattu District Tamil Nadu.
2. The project/activity is covered under Category "B" of Item 8(a) "Building and Construction Projects" of the Schedule to the EIA Notification, 2006.
3. The proposal consists of basement + Stilt + five floors with total a built up area

  
MEMBER SECRETARY  
SEAC -TN

  
CHAIRMAN  
SEAC- TN

of 39,548.98 Sq.m and total plot area is – 11400 Sq.m.

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

1. The PP shall furnish the commitment letter from competent authority/local body for fresh water supply and disposal of excess treated sewage water.
2. The details of E waste generation and its disposal shall be provided.
3. The entire roof of the building shall be coved with solar panels and the EMP may be revised accordingly.
4. The proponent company shall adopt 'Environment Policy' to be approved by the Board of the company and shall also create an Environment Management Cell to implement the Policy.
5. The PP has proposed surface car parking involving concretising large area of ground. Instead, the PP shall install a Multi-Level Car Parking (MLCP) and the space released shall be utilised for establishing additional green cover.
6. The revised EMP shall include construction of a pond of appropriate size in the earmarked OSR land in consultation with the local body. The pond should be modelled like a temple tank with parapet walls, steps, etc. The pond is meant to play three hydraulic roles, namely (1) as a storage, (2) as a flood control measure and (3) as a device which was crucial to the overall eco-system.

Agenda No: 271-2

(File No: 8761/2021)

Proposed rough stone and gravel quarry lease area over an extent of 0.94.5 Ha at S.F. Nos. 95/22, 94/23 & 95/24 Chithannavasal Village, Illuppur Taluk, Pudukkottai District, Tamil Nadu by Thiru. R. Sathiyamoorthy -For Environmental Clearance amendment (SIA/TN/MIN/226014/2021 Dt: 25.08.2021)

The proposal was placed in this 271<sup>st</sup> SEAC Meeting held on 12.5.2022. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

  
MEMBER SECRETARY  
SEAC -TN

  
CHAIRMAN  
SEAC- TN

1. The project proponent, Thiru. R. Sathiyamoorthy has applied for the Environmental Clearance for proposed rough stone and gravel quarry lease area over an extent of 0.94.5 Ha at S.F. Nos. 95/22, 94/23 & 95/24 Chithannavasal Village, Illuppur Taluk, Pudukkottai District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 5 years. The production for 5 years not to exceed 30335 m<sup>3</sup> of rough stone. The annual peak production as per mining plan is 6445m<sup>3</sup> of rough stone (2<sup>nd</sup> year) with ultimate depth of 22m BGL

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

1. The project proponent shall furnish a NOC from Archaeological Survey of India, since the Chithannavasal Archaeological site is located in the vicinity of the proposed site.

Agenda No: 271-3

(File No: 8779/2021)

Proposed rough stone quarry lease area over an extent of 3.45.5 Ha at S. F.Nos. 748/B Thennilai East Village, Aravakurichi Taluk, Karur District, Tamil Nadu by M/s. TPK Sand Crushers Pvt Ltd-For Environmental Clearance amendment (SIA/TN/MIN/228606/2021 Dt: 09.09.2021)

The proposal was placed in this 271<sup>st</sup> SEAC Meeting held on 12.5.2022. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, M/s. TPK Sand Crushers Pvt Ltd has applied for the Environmental Clearance for proposed rough stone quarry lease area over an extent of 3.45.5 Ha at S. F.Nos. 748/B Thennilai East Village, Aravakurichi Taluk, Karur District, Tamil Nadu. It is Govt Poromboke land.
2. The project/activity is covered under Category "B2" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 5 years. The production for

  
MEMBER SECRETARY  
SEAC -TN

  
CHAIRMAN  
SEAC- TN

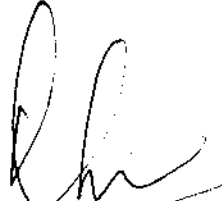
5 years not to exceed -296863 m3 of rough stone and topsoil - 10309m3. The annual peak production as per mining plan is 56074m3 of rough stone ( 2<sup>nd</sup> year) & 10309m3 of topsoil (1<sup>st</sup> year) with ultimate depth of 26m BGL

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

1. The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier.
2. Since it is a Govt. 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 500 Nos of trees shall be planted (As per Appendix-I) in North West direction 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 CER cost is Rs. 7 lakhs and the amount shall be spent for the following activities before obtaining CTO from TNPCB.

Panchayath Union Primary School, Semmandampalayam	
1.	Renovation of existing toilets with running water facilities.
2.	Construction of hand washing system.
3.	Providing environment related books to School library.
4.	Carrying out avenue plantation and gardening school entrance.
5.	Construction of School compound wall with Terracotta Paintings.

  
MEMBER SECRETARY  
SEAC -TN

  
CHAIRMAN  
-SEAC- TN

1. Renovation of existing toilets with running water facilities.
2. Providing environment related books to School library.
3. Carrying out avenue plantation and gardening school entrance.

Agenda No: 271-4

(File No: 8791/2021)

Proposed rough stone & gravel quarry lease area over an extent of 2.32.0 Ha at S.F.Nos. 792/1, 792/2 & 798/2B Batalapalli Village, Bargur Taluk, Krishnagiri District, Tamil Nadu by M/s. Royal Mines-For Environmental Clearance amendment (SIA/TN/MIN/229466/2021 Dt: 15.09.2021)

The proposal was placed in this 271<sup>st</sup> SEAC Meeting held on 12.5.2022. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, by M/s. Royal Mines has applied for the Environmental Clearance for proposed rough stone & gravel quarry lease area over an extent of 2.32.0 Ha at S.F.Nos. 792/1, 792/2 & 798/2B Batalapalli Village, Bargur Taluk, Krishnagiri District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 10 years. The production for 5 years not to exceed -405297 m<sup>3</sup> of rough stone and gravel - 39234m<sup>3</sup>. The annual peak production as per mining plan is 98202m<sup>3</sup> of rough stone ( 3<sup>rd</sup> year) & 15498m<sup>3</sup> of gravel (1<sup>st</sup> year) with ultimate depth of 44m BGL. Proposed- 37m.

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

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

  
MEMBER SECRETARY  
SEAC -TN

  
CHAIRMAN  
SEAC -TN

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.
3. As accepted by the Project proponent the CER cost is Rs.6.5 lakhs and the amount shall be spent for the following activities before obtaining CTO from TNPCB.

**Panchayath Union Middle School, Konkanseru Village**

1. Providing Solar powered Smart Classroom.
2. Renovation of Floors and Providing Floor Tiles,
3. Planting of trees in and around the school.
4. Renovation of toilets.
5. Books to school library.

Agenda No: 271-5


(File No: 8795/2021)

Proposed Rough stone & Gravel quarry lease area over an extent of 2.73.0 Ha at S.F.Nos. 1281/A3A2, 1281/A3B & 1284/1A Punnam Village, Pugalur Taluk, Karur District, Tamil Nadu by Thiru K. Arjunan -For Environmental Clearance amendment (SIA/TN/MIN/228525/2021 Dt: 09.09.2021 )

The proposal was placed in this 271<sup>st</sup> SEAC Meeting held on 12.5.2022. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru K. Arjunan has applied for the Environmental Clearance for proposed rough stone & Gravel quarry lease area over an extent of 2.73.0 Ha at S.F.Nos. S.F.Nos. 1281/A3A2, 1281/A3B & 1284/1A Punnam Village, Pugalur Taluk, Karur District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 5 years. The production for 5 years not to exceed -368135 m3 of Rough stone and Gravel

  
MEMBER SECRETARY  
SEAC -TN

  
CHAIRMAN  
SEAC -TN

– 11164m<sup>3</sup>. The Annual peak production as per mining plan is 80005 m<sup>3</sup> of Rough stone ( 4<sup>th</sup> year) & 4794m<sup>3</sup> of Gravel (3<sup>rd</sup> year) with ultimate depth of 47m BGL.

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

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

**Panchayath Union Middle School, Putnam Chathiram, Karur**

1. Renovation and Painting work for School Toilets and Classrooms.
2. Renovation work for Existing compound wall and Terracotta painting with environmental awareness slogans.
3. Repairs to benches, desks and tables.
4. Avenue Plantation along the School Boundary 300 Nos and Providing Environmental Related books to School Library.

Agenda No: 271-6

(File No: 8802/2021)

Proposed modernization of Hospital S.F.Nos : 240/6, 240/7B, 240/8B, 240/8C, 240/9A, 240/9B, 240/10, 242/3A, 242/5A, 243/1, 243/2, 243/3, 243/4, 243/5, 245/1, 245/2, 245/3, 245/4A, 245/4B, 245/5A, 245/5B, 245/5C, 245/5D, 245/6A, 245/6B, 245/6D, 252/5A, 252/5B, 252/5C, 252/5D, 252/5E, 252/5F, 252/6D, 255/1A, 255/2A1, 255/2B2, 255/2C, 255/2D1, 256, 257/1A, 257/1B, 257/1C, 257/1D, 257/1E, 232/5 & 232/6A, in Irungalur Village, Manachanallur Taluk, Tiruchirapalli District, Tamil Nadu by

  
MEMBER SECRETARY  
SEAC -TN

  
CHAIRMAN  
SEAC- TN

M/s. SRM Institute of Science & Technology - For Environmental Clearance.  
(SIA/TN/MIS/229424/2021, dated: 18.09.2021)

The proposal was placed in this 271<sup>st</sup> SEAC Meeting held on 12.5.2022. The project proponent gave a detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).


The SEAC noted the following:

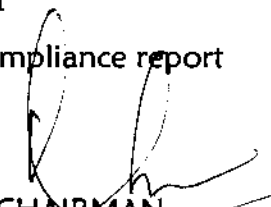
1. The project proponent, M/s. SRM institute of Science & Technology has applied for the Environmental Clearance for proposed modernization of Hospital S.F.Nos : 240/6, 240/7B, 240/8B, 240/8C, 240/9A, 240/9B, 240/10, 242/3A, 242/5A, 243/1, 243/2, 243/3, 243/4, 243/5, 245/1, 245/2, 245/3, 245/4A, 245/4B, 245/5A, 245/5B, 245/5C, 245/5D, 245/6A, 245/6B, 245/6D, 252/5A, 252/5B, 252/5C, 252/5D, 252/5E, 252/5F, 252/6D, 255/1A, 255/2A1, 255/2B2, 255/2C, 255/2D1, 256, 257/1A, 257/1B, 257/1C, 257/1D, 257/1E, 232/5 & 232/6A, in Irungalur Village, Manachanallur Taluk, Tiruchirapalli District, Tamil Nadu.
2. The project/activity is covered under Category "B" of Item 8(a) "Building and Construction Projects" of the Schedule to the EIA Notification, 2006.
3. Earlier, the PP has obtained EC vide Lr No. SEIAA/TN/F.484/2012/6360/2017/EC 8(a)/558 Dt. 22.1.2018.
4. Now the PP has applied for modification of EC as follows;

Site Area	90,700.00 m2 (22.41 Acres)
Built-up Area	1,15,882.62 m2 (No Increase in Built-up Area)
Number of beds	Existing – 750 Numbers, Proposed – 825 Numbers, After Modernization – 1575 Numbers
Water Requirement	Existing – 593.0 KLD After Modernization – 942.38 KLD

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

1. The project proponent shall furnish the certified compliance report

  
MEMBER SECRETARY  
SEAC -TN

  
CHAIRMAN  
SEAC -TN



from MoEf&CC/TNPCB for the earlier EC.

2. Details of organisation's Environment policy and Environment Management Cell.
3. Green cover should be increased by constructing Muti Level Car Parking (MLCP) instead of open parking as proposed.
4. The revised water balance shall be furnished.
5. The PP shall furnish commitment letter from competent authority for fresh water supply and disposal of excess treated sewage water.
6. Floor-wise number of beds and per-bed space/area and whether it meets the norms set by the National Medical Commission.
7. PP has stated that the existing capacity STP & ETP will take care of proposed expansion. PP shall provide detailed supporting calculations.
8. Copies for CTEs and CTOs obtained from TNPCB so far.
9. Revised EMP and CER.

Agenda No: 271-7

(File No: 8806/2021)

Proposed rough stone & Gravel quarry lease area over an extent of 3.58.0 Ha S.F. Nos. 188(P) Sholaicheri Village, Rajapalayam Taluk, Virudhunagar District , Tamil Nadu by Thiru V.P. Gnana Vignesh Babu -For Environmental Clearance amendment (SIA/TN/MIN/230441/2021 Dt: 24.09.2021 )

The proposal was placed in this 271<sup>st</sup> SEAC Meeting held on 12.5.2022. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru V.P. Gnana Vignesh Babu has applied for the Environmental Clearance for proposed rough stone & Gravel quarry lease area over an extent of 3.58.0 Ha S.F. Nos. 188(P) Sholaicheri Village, Rajapalayam Taluk, Virudhunagar District, Tamil Nadu. It is a Govt Poromboke land.
2. The project/activity is covered under Category "B2" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 5 years. The production for

5 years not to exceed –536690 m<sup>3</sup> of Rough stone. The Annual peak production as per mining plan is 113340 m<sup>3</sup> of Rough stone (5<sup>th</sup> year) with ultimate depth of 50m (20m AGL + 30m BGL).

Based on the presentation and documents 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 Wild Life-----  
Warden, Srivilliputhur indicating the exact distance of the Grizzled  
Squirrel Sanctuary from the project site.

Agenda No: 271-8

(File No: 8807/2021)

Proposed rough stone & gravel quarry lease area over an extent of 2.51.0 Ha at S.F.Nos. 79/2A (P), 79/2B (P), 81/1(P), 81/2(P), 83/1, 83/2(P), 84/1(P) & 85(P), Sengundrapuram Village, Virudhunagar Taluk, Virudhunagar District, Tamil Nadu by Thiru. G. Pandurangan, -For Environmental Clearance amendment (SIA/TN/MIN/230915/2021 Dt: 24.09.2021)

The proposal was placed in this 271<sup>st</sup> SEAC Meeting held on 12.5.2022. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.G. Pandurangan has applied for the Environmental Clearance for proposed rough stone & gravel quarry lease area over an extent of 2.51.0 Ha at S.F.Nos. 79/2A (P), 79/2B (P), 81/1(P), 81/2(P), 83/1, 83/2(P), 84/1(P) & 85(P), Sengundrapuram Village, Virudhunagar Taluk, Virudhunagar District.
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 –290630 m<sup>3</sup> of Rough stone and 114114m<sup>3</sup> of Gravel The Annual peak production as per mining plan is 58960 m<sup>3</sup> of Rough stone (5<sup>th</sup> year) & 55584m<sup>3</sup> of Gravel (1<sup>st</sup> year) with ultimate depth of 36m BGL.

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

  
MEMBER SECRETARY  
SEAC -TN

  
CHAIRMAN  
SEAC- TN

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

1. The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier.
2. As per the MoEF& CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere to the EMP furnished.
3. As accepted by the Project proponent the CER cost is Rs.6 lakhs and the amount shall be spent for the following activities before obtaining CTO from TNPCB.

**Panchayath Union Primary School, Kundalapattai Village**

1. Tree Plantation (As per Appendix-I).
2. Provision of library rack with books, fans, benches, compound wall, flooring and drinking water facilities.

**Agenda No: 271-9**


**(File No: 8811/2021)**

**Proposed rough stone quarry lease area over an extent of 4.00.0Ha at S.F.No. 81(P), 89/13 & 91/1 Kamatchipuram Village, Thuraiyur Taluk, Tiruchirapalli District, Tamil Nadu by M/s. Kamatchipuram Magalir Kulu Kuttamaipu -For Environmental Clearance amendment (SIA/TN/MIN/231151/2021 Dt: 28.09.2021 )**

The proposal was placed in this 271<sup>st</sup> SEAC Meeting held on 12.5.2022. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, M/s. Kamatchipuram Magalir Kulu Kuttamaipu has applied for the Environmental Clearance for proposed rough stone quarry lease area over an extent of 4.00.0Ha at S.F.No. 81(P), 89/13 & 91/1 Kamatchipuram Village, Thuraiyur Taluk, Tiruchirapalli District, Tamil Nadu. It is a Govt Poromboke land.
2. The project/activity is covered under Category "B2" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 5 years. The production for

  
**MEMBER SECRETARY**  
**SEAC -TN**

  
**CHAIRMAN**  
**SEAC- TN**

5 years not to exceed —454377 m<sup>3</sup> of Rough stone and 4960m<sup>3</sup> of Top Soil.

The Annual peak production as per mining plan is 91085 m<sup>3</sup> of Rough stone (5<sup>th</sup> year) & 4960m<sup>3</sup> of Top Soil (1<sup>st</sup> year) with ultimate depth of 36m (6m AGL + 30m BGL).

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

1. The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier.
2. Since it is a Govt. 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 PP shall complete the green belt activity before obtaining CTO.
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 to the EMP furnished.
5. As accepted by the Project proponent the CER cost is Rs.6.5 lakhs and the amount shall be spent for the following activities before obtaining CTO from TNPCB.

**Panchayath Union Primary School, Karattur Village**

1. Providing Solar powered Smart Classroom.
2. Providing drinking water storage tank.
3. Greenbelt development (as per Appendix-i) in and around the school,
4. Toilet rooms for students.
5. Books to school library.

Agenda No: 271-10

(File No: 8814/2021)

Proposed rough stone quarry lease area over an extent of 1.09.0 Ha at S. F. No. 7/4B Perundurai village, Thirumayam Taluk, Pudukkottai District, Tamil Nadu by Thiru. A. Shahul Hameed -For Environmental Clearance amendment (SIA/TN/MIN/232035/2021 Dt: 30.09.2021 )

The proposal was placed in this 271<sup>st</sup> SEAC Meeting held on 12.5.2022. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, by Thiru A. Shahul Hameed has applied for the Environmental Clearance for proposed rough stone quarry lease area over an extent of 1.09.0 Ha at S. F. No. 7/4B Perundurai village, Thirumayam Taluk, Pudukkottai District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 5 years. The production for 5 years not to exceed -99855 m<sup>3</sup> of Rough stone. The annual peak production as per mining plan is 27900m<sup>3</sup> of Rough stone (3<sup>rd</sup> year) with ultimate depth of 56m BGL from existing depth - 20m.

Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance, with restricted depth of 50m considering environmental aspects with production of 80995 m<sup>3</sup> of rough stone, 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.

  
MEMBER SECRETARY  
SEAC -TN

13

  
CHAIRMAN  
SEAC -TN

2. As per the MoEF& CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere to the EMP furnished.
3. As accepted by the Project proponent the CER cost is Rs.6.5 lakhs and the amount shall be spent for the following activities before obtaining CTO from TNPCB.

Thiruvalluvar Primary School, Thiruvalluvar Village
Providing Solar powered Smart Classroom, Providing Floor Tiles, Greenbelt development, Toilet rooms for students, books to school library and safe drinking water.

Agenda No: 271-11


(File No: 8815/2021)

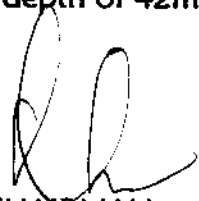
Proposed rough stone quarry lease area over an extent of 1.37.0 Ha at S.F.No. 275/3, 275/4, 276.1A, 277/2, 277/3A, 277/3C & 277/3D, Chinnaluppoi Village, Gujiliyamparai taluk, Dindigul District, Tamil Nadu by Thiru. V. Perumal -For Environmental Clearance amendment (SIA/TN/MIN/231869/2021 Dt: 29.09.2021 )

The proposal was placed in this 271st SEAC Meeting held on 12.5.2022. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru. V. Perumal has applied for the Environmental Clearance for proposed rough stone quarry lease area over an extent of 1.37.0 Ha at S.F.No. 275/3, 275/4, 276.1A, 277/2, 277/3A, 277/3C & 277/3D, Chinnaluppoi Village, Gujiliyamparai taluk, Dindigul District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1 (a) " Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 5 years. The production for 5 years not to exceed –97200 m3 of Rough stone and 8162m3 of Top Soil. The Annual peak production as per mining plan is 19780 m3 of Rough stone (5<sup>th</sup> year) & 8162m3 of Top Soil (1<sup>st</sup> year) with ultimate depth of 42m BGL.

  
MEMBER SECRETARY  
SEAC -TN

  
CHAIRMAN  
SEAC -TN

4. The PP has applied for EC compliance from TNPCB.

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

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

Panchayath Union Primary School, Aramapatti Village

Providing Solar powered Smart Classroom, Renovation of Floors, Providing Floor tiles, Greenbelt development, Toilet rooms for students, and book to school library.


Agenda No: 271-12

(File No: 8818/2021)

Proposed rough stone & gravel quarry lease area over an extent of 2.42.0 Ha at S.F.No S.F. Nos. 162/5 (P), 162/6 (P) & 162/7(P) Kumbikulam Village, Radhapuram, Taluk, Tirunelveli District, Tamil Nadu by Tmt P. Selva Azhagi -For Environmental Clearance amendment (SIA/TN/MIN/231855/2021 Dt: 29.09.2021 )

The proposal was placed in this 271st SEAC Meeting held on 12.5.2022. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

  
MEMBER SECRETARY  
SEAC -TN

1. The project proponent, Tmt P. Selva Azhagi has applied for the Environmental Clearance for proposed rough stone & gravel quarry lease area over an extent of 2.42.0 Ha at S.F.No S.F. Nos. 162/5 (P), 162/6 (P) & 162/7(P) Kumbikulam Village, Radhapuram, Taluk, Tirunelveli District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification,2006.
3. As per the mining plan, the lease period is for 5 years. The production for 5 years not to exceed –309850 m3 of Rough stone and 52524 m3 of weathered gravel & 38646m3 of Gravel. The Annual peak production as per mining plan is 82275 m3 of Rough stone (4<sup>th</sup> year), 19809 m3 weathered gravel (1<sup>st</sup> year) & 15246 m3 of gravel (1<sup>st</sup> year) with ultimate depth of 45m BGL.

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

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

Renovation of existing toilets, painting of entire school, renovation of School drinking water tank, providing environmental related books to the School and carrying out avenue plantation in and around the school..

  
MEMBER SECRETARY  
SEAC -TN

16

  
CHAIRMAN  
SEAC- TN



**Agenda No: 271-13**

**(File No: 8819/2021)**

**Proposed rough stone & gravel quarry lease area over an extent of 4.19.0 Ha at S.F.Nos. 193/1, 193/2 & 193/3, Chennimalai Village, Perundurai Taluk, Erode District, Tamil Nadu by Thiru. P. Thamilarasu -For Environmental Clearance amendment (SIA/TN/MIN/230858/2021 Dt: 23.09.2021 )**

The proposal was placed in this 271st SEAC Meeting held on 12.5.2022. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru. P. Thamilarasu has applied for the Environmental Clearance for proposed rough stone & gravel quarry lease area over an extent of 4.19.0 Ha at S.F.Nos. 193/1, 193/2 & 193/3, Chennimalai Village, Perundurai Taluk, Erode District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.

The proposal was placed in this 271st SEAC Meeting held on 12.5.2022. During the meeting the Committee noted that the PP was not present, hence SEAC decided to defer the proposal.

**Agenda No: 271-14**

**(File No: 8820/2021)**

**Proposed gravel quarry lease area over an extent of 1.15.0 Ha at S. F. Nos. 281/5B & 318/2A Keelaramanathi Village, Kamuthi Taluk, Ramanathapuram District, Tamil Nadu by Thiru.G.Ramamoorthy -For Environmental Clearance amendment (SIA/TN/MIN/232294/2021 Dt: 01.10.2021 )**

The proposal was placed in this 271<sup>st</sup> SEAC Meeting held on 12.5.2022. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.G.Ramamoorthy has applied for the Environmental Clearance for proposed gravel quarry lease area over an extent of 1.15.0 Ha at S. F. Nos. 281/5B & 318/2A Keelaramanathi Village, Kamuthi Taluk, Ramanathapuram District, Tamil Nadu.

  
**MEMBER SECRETARY**  
**SEAC -TN**

  
**CHAIRMAN**  
**SEAC- TN**

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 –11318 m<sup>3</sup> of gravel with ultimate depth of 2m BGL.

Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance, subject to the standard 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. The proponent shall mandatorily appoint the required number of workers/supervisors 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 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 government 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, 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.

6. Perennial sprinkling arrangement shall be in place on the haulage road for fugitive dust suppression. Fugitive emission measurements should be carried out during the mining operation at regular intervals and submit the consolidated report to TNPCB once in six months.
7. The Proponent shall ensure that the noise level is monitored during mining operation at the project site for all the machineries deployed and adequate noise level reduction measures undertaken accordingly. The report on the periodic monitoring shall be submitted to TNPCB once in six months.
8. 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. 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.
9. Taller/one year old Saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted as per the advice of local forest authorities/botanist/Horticulturist with regard to site specific choices. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner
10. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
11. 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.
12. The proponent shall provide sedimentation tank / settling tank with adequate capacity for runoff management.
  13. 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.
  14. 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.
  15. 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.
  16. 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.
  17. 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.
  18. 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.

19. 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.
20. 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.
21. 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.
22. 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.
23. 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.
24. 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).
25. As per the MoEF& CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere to the EMP furnished.

26. As accepted by the Project proponent the CER cost is Rs. 2.5 lakhs and the amount shall be spent for the following activities before obtaining CTO from TNPCB.

Panchayat Union Primary School
1. Renovation of existing toilets with running water facilities.
2. Carrying out avenue plantation and gardening in and around the school.
3. Installation of R.O water unit.
4. Books to school library.

Agenda No: 271-15

(File No: 8821/2021)

Proposed gravel quarry lease area over an extent of 1.95.0 Ha at S. F. Nos. 217/2 Soodiyur Village, Paramakudi Taluk, Ramanathapuram District, Tamil Nadu by Thiru. E. Moses-For Environmental Clearance amendment (SIA/TN/MIN/232326/2021 Dt: 01.09.2021)

The proposal was placed in this 271<sup>st</sup> SEAC Meeting held on 12.5.2022. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.E. Moses has applied for the Environmental Clearance for proposed gravel quarry lease area over an extent of 1.95.0 Ha at S. F. Nos. 217/2 Soodiyur Village, Paramakudi Taluk, Ramanathapuram District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for one year. The production for one year not to exceed <sup>27126</sup> ~~11318~~ m<sup>3</sup> of gravel with ultimate depth of 2m BGL.

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

  
MEMBER SECRETARY  
SEAC -TN

  
CHAIRMAN  
SEAC- TN

1. The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier.
2. The 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 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 government 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, 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.
6. Perennial sprinkling arrangement shall be in place on the haulage road for fugitive dust suppression. Fugitive emission measurements should be carried out during the mining operation at regular intervals and submit the consolidated report to TNPCB once in six months.
7. The Proponent shall ensure that the Noise level is monitored during mining operation at the project site for all the machineries deployed and

adequate noise level reduction measures undertaken accordingly. The report on the periodic monitoring shall be submitted to TNPCB once in 6 months.

8. 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. 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.
9. Taller/one year old Saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted as per the advice of local forest authorities/botanist/Horticulturist with regard to site specific choices. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters width and in between blocks in an organized manner.
10. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
11. 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.
12. The proponent shall provide sedimentation tank / settling tank with adequate capacity for runoff management.
13. 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.

14. 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.
15. 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.
16. 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.
17. 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.
18. 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.
19. 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.
20. 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.
21. 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.

22. 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.
23. 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.
24. 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).
25. 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.
26. As accepted by the Project proponent the CER cost is Rs. 1.5 lakhs and the amount shall be spent for the following activities before obtaining CTO from TNPCB.

Panchayat Union Middle School, Sudiur
1. Renovation of Existing toilets with running water facilities. 2. Carrying out avenue plantation and gardening in and around the school. 3. Installation of R.O water unit. 4. Books to school library.

Agenda No: 271-16

(File No: 8822/2021)

Proposed Quartz & Feldspar quarry lease area over an extent of 1.21.5 Ha at S.F.No. 131/1C Senapathipalayam Village, Dharapuram Taluk, Tiruppur District, Tamil Nadu by Thiru. E. Suresh-For Environmental Clearance amendment (SIA/TN/MIN/232119/2021 Dt: 30.09.2021)

  
MEMBER SECRETARY  
SEAC -TN

  
CHAIRMAN  
SEAC- TN

The proposal was placed in this 271<sup>st</sup> SEAC Meeting held on 12.5.2022. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru. E. Suresh has applied for the Environmental Clearance for proposed Quartz & Feldspar quarry lease area over an extent of 1.21.5 Ha at S.F.No. 131/1C Senapathipalayam Village, Dharapuram Taluk, Tiruppur District, Tamil.
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 –ROM- 22425 T , 12558 T of Quartz and 3140 T of Feldspar. The annual peak production as per mining plan is ROM- 4680 T (2<sup>nd</sup> year), 2621 T of Quartz (2<sup>nd</sup> year) and 655 T of Feldspar (2<sup>nd</sup> year) with ultimate depth of 13m BGL.

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

1. The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier.
2. The PP shall carry out Silicosis test and eye test for their all employees frequently.
3. The employees who deployed the mining operation shall be replaced as provided in the concerned Rules.
4. The proponent shall provide PPE to the miners such as boots, gloves, goggles, etc before entering to the mine.

  
MEMBER SECRETARY  
SEAC -TN

  
CHAIRMAN  
SEAC- TN

5. As per the MoEF& CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere to the EMP furnished.
6. As accepted by the Project proponent the CER cost is Rs. 5 lakhs and the amount shall be spent for the following activities before obtaining CTO from TNPCB.

Panchayat Union Primary School, Senathipathipalayam, Thiruppur
<ol style="list-style-type: none"> <li>1. Renovation of Existing toilets with running water facilities and the same shall be maintained by the PP for 10 years.</li> <li>2. Providing benches, desks to classrooms.</li> <li>3. Providing environment related books to School library.</li> <li>4. Carrying out avenue plantation and gardening in and around the school.</li> <li>5. Installation of R.O water unit.</li> <li>6. Plantation of grazing/forage plants in the meikkal poromboke land in consultation with Panchayat authorities.</li> </ol>

Agenda No: 271-17

(File No: 8823/2021)

Proposed Black granite quarry lease area over an extent of 1.02.5 Ha at S.F.Nos. 190/1B(Part), 190/1C2(Part) and 191/1(Part) Kathiripatti Village, Krishnagiri Taluk, Krishnagiri District, Tamil Nadu by M/s. U.V.R. Granite Exports -For Environmental Clearance amendment (SIA/TN/MIN/231987/2021 Dt: 29.09.2021)

The proposal was placed in this 271<sup>st</sup> SEAC Meeting held on 12.5.2022. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, M/s. U.V.R. Granite Exports has applied for the Environmental Clearance for proposed Black granite quarry lease area over an extent of 1.02.5 Ha at S.F.Nos. 190/1B(Part), 190/1C2(Part) and 191/1(Part) Kathiripatti Village, Krishnagiri Taluk, Krishnagiri District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 20 years. The production for 5 years not to exceed -ROM- 26817 m<sup>3</sup> and 5363m<sup>3</sup> of Black granite.

The Annual peak production as per mining plan is ROM- 5761 m<sup>3</sup> (2<sup>nd</sup>

  
MEMBER SECRETARY  
SEAC -TN

  
CHAIRMAN  
SEAC- TN

year) and 1152 m<sup>3</sup> of Black granite (2<sup>nd</sup> year) with ultimate depth of 43m BGL.

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

1. The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier.
2. The 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.
3. The proponent shall erect fencing all around the boundary of the proposed area with gates for entry/exit 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 government 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 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.

6. 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.
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.
11. Taller/one year old Saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted with proper spacing as per the advice

of local forest authorities/botanist/Horticulturist with regard to site specific choices. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner.

12. 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.

13. The Project Proponent shall provide required number of the security sentries for guarding the danger zone of 500 m radius from the site of blasting to ensure that no human/animal is present within this danger zone and also no person is allowed to enter into (or) stay in the danger zone during the blasting. (ii) Appropriate measures should be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs/muffs. (iii) Noise levels should be monitored regularly (on weekly basis) near the major sources of noise generation within the core zone.

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



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

M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016(M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).

28.The Project Proponent shall adhere to the provision of the Mines Act, 1952, Mines and Mineral (Development & Regulation), Act, 2015 and rules & regulations made there under. The Project Proponent shall adhere to various circulars issued by Directorate General Mines Safety (DGMS) and Indian Bureau of Mines (IBM) from time to time.

29.That the grant of this E.C. is issued from the environmental angle only, and does not absolve the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility, to comply with the conditions laid down in all other laws for the time-being in force, rests with the project proponent.

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

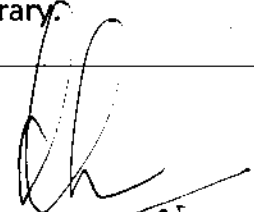
31. The Project proponent shall install a Display Board at the entrance of the mining lease area/abutting the public Road, about the project as per Appendix –II of these minutes.

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

33.As accepted by the Project proponent the CER cost is Rs. 10 lakhs and the amount shall be spent for the following activities before obtaining CTO from TNPCB.

Panchayat Union Primary School, Kathiripalli	
1.	Renovation of Existing toilet with running water facilities and the same shall be maintained by the PP for 10 years.
2.	Providing Drinking water facilities by installation of R.O Unit.
3.	Construction of School compound wall with terracotta paintings.
4.	Providing Benches and desks to classrooms,
5.	Providing Environmental Related books to the school library.

  
MEMBER SECRETARY  
SEAC -TN

  
CHAIRMAN  
SEAC- TN

Agenda No: 271-18

(File No: 8824/2021)

Proposed rough stone & gravel quarry lease area over an extent of 1.32.0 Ha at S. F. Nos. 367/27 & 367/2B Palamathi Village, Vellore Taluk, Vellore District, Tamil Nadu by Thiru. A. Murugan-For Environmental Clearance amendment (SIA/TN/MIN/232376/2021 Dt: 02.10.2021)

The proposal was placed in this 271<sup>st</sup> SEAC Meeting held on 12.5.2022. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru. A. Murugan has applied for the Environmental Clearance for proposed rough stone & gravel quarry lease area over an extent of 1.32.0 Ha at S. F. Nos. 367/27 & 367/2B Palamathi Village, Vellore Taluk, Vellore District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 5 years. The production for 5 years not to exceed -116880 m<sup>3</sup> of Rough stone and 18746 m<sup>3</sup> of Gravel. The Annual peak production as per mining plan is 23860 m<sup>3</sup> of rough stone (5<sup>th</sup> year) & 18746 m<sup>3</sup> of Gravel (1<sup>st</sup> year) with ultimate depth of 27m. (12AGL +15 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*

  
MEMBER SECRETARY  
SEAC -TN

  
CHAIRMAN  
SEAC- TN

*Reserve Forests”.*

The Committee noted that the Balamathi RF and Punganur RF are 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: 271-19

(File No: 8826/2021)

Proposed rough stone quarry lease area over an extent of 1.32.0 Ha at S. F. Nos. 450/3 (P), Periyamanjuveli Village, Aravakurichi Taluk, Karur District, Tamil Nadu by Ms M. Devi Renuka-For Environmental Clearance amendment (SIA/TN/MIN/232401/2021 Dt: 02.10.2021)

The proposal was placed in this 271<sup>st</sup> SEAC Meeting held on 12.5.2022. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:


1. The project proponent, Ms M. Devi Renuka has applied for the Environmental Clearance for proposed rough stone and gravel quarry lease area over an extent of 1.32.0 Ha at S. F. Nos. 450/3 (P), Periyamanjuveli Village, Aravakurichi Taluk, Karur District, Tamil Nadu.
2. The project/activity is covered under Category “B2” of Item 1 (a) “Mining of Minerals Projects” of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 5 years. The production for 5 years not to exceed –62280 m<sup>3</sup> of Rough stone and 11900 m<sup>3</sup> of Top soil. The Annual peak production as per mining plan is 17700m<sup>3</sup> of Rough stone (4<sup>th</sup> & 5<sup>th</sup> year) with ultimate depth of 10m BGL

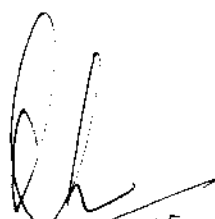
Based on the presentation and documents furnished by the project proponent, SEAC decided to call for the following details from the project proponent.

1. The project proponent shall furnish the registered lease document from all the owners, since it is joint property.

Agenda No: 271-20

(File No: 8829/2021)

  
MEMBER SECRETARY  
SEAC -TN

  
CHAIRMAN  
SEAC- TN

Proposed rough stone and gravel quarry lease area over an extent of 1.03.62 Ha at S. F. F. Nos. 51/1B (P), 1C(P) & 1D (P), Vittamanaickenpatti village, Namakkal Taluk, Namakkal

District, Tamil Nadu by Thiru. B. Vasanth -For Environmental Clearance amendment (SIA/TN/MIN/232606/2021 Dt: 05.10.2021)

The proposal was placed in this 271<sup>st</sup> SEAC Meeting held on 12.5.2022. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru. B. Vasanth has applied for the Environmental Clearance for proposed rough stone and gravel quarry lease area over an extent of 1.03.62 Ha at S. F. F. Nos. 51/1B (P), 1C(P) & 1D (P), Vittamanaickenpatti village, Namakkal Taluk, Namakkal District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 10 years. The production for 5 years not to exceed -109000 m<sup>3</sup> of Rough stone and gravel - 20532m<sup>3</sup>. The Annual peak production as per mining plan is 26250m<sup>3</sup> of Rough stone ( 5<sup>th</sup> year) & 12876m<sup>3</sup> of gravel (1<sup>st</sup> year) with ultimate depth of 17m BGL

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

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

3. As accepted by the Project proponent the CER cost is Rs. 7 lakhs and the amount shall be spent for the following activities before obtaining CTO from TNPCB.

**GTR Girls Hr Sec School, Mullukurichi**

1. Renovation of Existing toilets with running water facilities.
2. Drinking water facilities with 1000 L water tank.
3. Providing racks and environment related books to School library.
4. Carrying out avenue plantation and gardening in and around the school.

## ANNEXURE - I

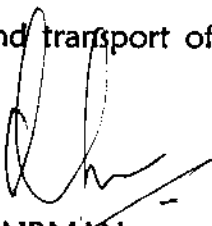
1. The proponent shall mandatorily appoint the required number of statutory officials and the competent persons in relevant to the proposed quarry size as per the provisions of Mines Act 1952 and Metalliferous Mines Regulations, 1961.
2. The proponent shall erect fencing all around the boundary of the 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.
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 of other initiation systems such as detonating cord/fuse, safety fuse, ordinary detonators, cord relays, should be avoided in the blasting operation. The mitigation measures for control of ground vibrations and to arrest fly rocks should be implemented meticulously under the supervision of statutory competent persons possessing the I / II Class Mines Manager / Foreman / Blaster certificate issued by the DGMS under MMR 1961, appointed in the quarry. No secondary blasting of boulders shall be carried out in any occasions and only the Rock Breakers (or) other suitable non-explosive techniques shall be adopted if such secondary breakage is required. The Project proponent shall provide required number of the security sentries for guarding the danger zone of 500 m radius from the site of blasting to ensure that no human/animal is present within this danger zone and also no person is allowed to enter into (or) stay in the danger zone during the blasting. (ii) Appropriate measures should be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs/muffs, (iii) Noise levels should be monitored regularly (on weekly basis) near the major sources of noise generation within the core zone.
14. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
  15. The operation of the quarry should not affect the agricultural activities & water bodies near the project site and a 50m safety distance from water body should be maintained without carrying any activity. The proponent shall take appropriate measures for "Silt Management" and prepare a SOP for periodical de-siltation indicating the possible silt content and size in case of any agricultural land exists around the quarry.
  16. The proponent shall provide sedimentation tank / settling tank with adequate capacity for runoff management.
  17. The proponent shall ensure that the transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village Road and shall take adequate safety precautionary measures while the vehicles are passing through the schools / hospital. The Project proponent shall ensure that the road may not be damaged due to transportation of the quarried rough stones; and transport of

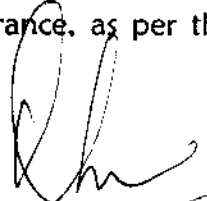
  
MEMBER SECRETARY  
SEAC -TN

  
CHAIRMAN  
SEAC- TN

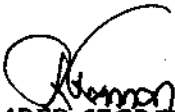
rough stones will be as per IRC Guidelines with respect to complying with traffic congestion and density.

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

  
MEMBER SECRETARY  
SEAC -TN

  
CHAIRMAN  
SEAC- TN

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).

  
MEMBER SECRETARY  
SEAC -TN

  
CHAIRMAN  
SEAC- TN

**Appendix -I**  
**List of Native Trees Suggested for Planting**

1. *Aegle marmelos*-Vilvam
2. *Adenanthera pavonina*-Manjadi
3. *Albizia lebeck*-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 inophyllum* - 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. *Madhucal 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
41. *Premna serratifolia*- Narumunnai
42. *Premna tomentosa*-Purangai Naari, Pudanga Naari
43. *Prosopis cinerea* - Vannimaram

44. *Pterocarpus marsupium* - Vengai
45. *Pterospermum canescens* - Vennangu, Tada
46. *Pterospermum xylocarpum* - Polavu
47. *Puthranjiva roxburghii* - Puthranjivi
48. *Salvadora persica* - Ugaamaram
49. *Sapindus marginatus* - Manipungan, Soapukai
50. *Saraca asoca* - Asoca
51. *Streblus asper* - Pirayamaram
52. *Strychnos nuxvomica* - Yetti
53. *Strychnos potatorum* - Therthang Kottai
54. *Syzygium cumini* - Naval
55. *Terminalia bellerica* - Thandri
56. *Terminalia arjuna* - Venmarudhu
57. *Toona ciliata* - Sandhanavembu
58. *Thespesia populnea* - Puvarasu
59. *Walsura trifoliata* - valsura
60. *Wrightia tinctoria* - Vep

  
MEMBER SECRETARY  
SEAC - TN

  
CHAIRMAN  
SEAC - TN

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

-----சுரங்கம்

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

பசுமை பகுதி வளர்ச்சி மேம்பாட்டுக்கான சுரங்கத் திட்டம்	குவாரியின் எல்லையைச் சுற்றி வேலி அமைக்க வேண்டும்.
	சுரங்கப்பாதையின் ஆழம் தரைமட்டத்திலிருந்து மீட்டர்க்கு மிகாமல் இருக்க வேண்டும்.
நடப்பட்டு பராமரிக்கப்பட வேண்டிய மரங்கள் எண்ணிக்கை:	காற்றில் மாக ஏற்படாதவாறு சுரங்க பணிகளை மேற்கொள்ள வேண்டும்.
	வாகனங்கள் செல்லும் பாதையில் மாக ஏற்படாத அளவிற்கு தண்ணீரை முறையாக தண்ணீர் லாரிகளின் மூலமாக அவ்வப்போது தெளிக்க வேண்டும்.
	இரைச்சல் அளவையும் தூசி மாகபாட்டையும் குறைப்பதற்காக குவாரியின் 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 க்காதாமுள்ள கழிப்பறை வசதிகளை செய்து தர வேண்டும்.
	கிராமம் அல்லது பஞ்சாயத்து வழிபாக வாகனங்கள் செல்லும் சாலையை தொடர்ந்து தன்கு பராமரிக்க வேண்டும்.
	சுரங்கப்பணிகளால் அருகில் உள்ள விவசாயப் பணிகள் மற்றும் தீர்நிலைகள் பாதிக்கப்படக் கூடாது.
	தீர்நிலைகள் பாதிக்கப்படாமல் இருப்பதை உறுதி செய்யும் வகையில் நிலத்தடி நீரின் தரத்தினை தொடர்ந்து கண்காணிக்க வேண்டும்.
	சுரங்கத்திலிருந்து கனிம பொருட்களை எடுத்துச் செல்வது கிராம மக்களுக்கு எந்தத் சிரமத்தினையும் ஏற்படுத்தாதவாறு பாதுகாப்போடும் மற்றும் சுற்றுச்சூழல் பாதிக்கவாத வண்ணம் வாகனங்களை இயக்க வேண்டும்.
	சுரங்கப்பணிகள் முடிக்கப்பட்டவுடன் சுரங்க மூடல் திட்டத்தில் உள்ளவாறு சுரங்கத்தினை மூட வேண்டும்.
	சுரங்க நடவடிக்கைகளை முடித்துவிட்ட சுரங்கப் பகுதி மற்றும் சுரங்க நடவடிக்கைகளால் இடைபுறு ஏற்படக்கூடிய வேறு எந்தப் பகுதியையும் மறுகட்டுமானம் செய்து தாவரங்கள் விலங்குகள் ஆகியவற்றின் வளர்ச்சிக்கு ஏற்ற வகையில் பசுமைப்பகுதியை உருவாக்க வேண்டும்.
	முழுமையான நிபந்தனைகளை அறிய பாரிவேஷ் ( <a href="http://parivesh.nic.in">http://parivesh.nic.in</a> ) என்கிற இணையதளத்தைப் பார்வையிடவும். மேலும் எந்தவித சுற்றுச்சூழல் சார்ந்த புனர்களுக்கு சென்னையில் உள்ள சுற்றுச்சூழல் மற்றும் வன அமைச்சகத்தின் ஒருங்கிணைந்த வட்டார அலுவலகம்: 044 - 28222325 (அல்லது) தமிழ்நாடு மாக கட்டுப்பாடு வாரியத்தின் மாவட்ட சுற்றுச்சூழல் பொறியாளரை அணுகவும்.