

**STATE EXPERT APPRAISAL COMMITTEE – TAMIL NADU**

Minutes of the Meeting of 269<sup>th</sup> State Expert Appraisal Committee (SEAC) held on 5<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

Agenda No: 269-1

(File No: 7601/2020)


Proposed Gravel, Laterite and Pebbles quarry lease area over an extent of 1.58.0 Ha at S.F.Nos.145/3 (P), 152/1 (P), 152/3 (P), 152/4 (P) & 183/6 Vilangalpattu Village Cuddalore District, Tamil Nadu by Thiru John Peter- For Environmental Clearance . (SIA/TN/MIN/150051/2020 Dt. 03 11. 2020)


The proposal was placed in this 269<sup>th</sup> SEAC Meeting held on 5.5.2022. 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 John Peter, has applied for Environmental Clearance for the proposed Gravel, Laterite and Pebbles quarry lease area over an extent of 1.58.0 Ha at S.F.Nos.145/3 (P), 152/1 (P), 152/3 (P), 152/4 (P) & 183/6 Vilangalpattu Village Cuddalore District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for one year. The production for one year not to exceed – 26,106.3 m<sup>3</sup> of Gravel, 2,900.7 m<sup>3</sup> of Bebbles and 11,130 m<sup>3</sup> of Laterite with proposed depth of 5m (BGL).

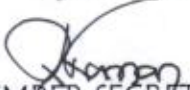
The Committee examined the proposal submitted by the proponent in the light of the Judgment issued by the Hon'ble Madurai Bench of Madras High Court in W.P.(MD) Nos.20903 of 2016, 23452, 24495, 17370 and 18035 of 2019 dated 12.02.2021. In this Judgment, the Hon'ble High Court was examining the legality of mining permits or

  
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license given by the Government for removal of minor minerals in the name of "Savudu" and other Colloquial terminologies and issued the following directions.

- i. *There shall not be any grant of quarry lease without ascertaining the composition/component of the minerals and without obtaining the report from authorized lab. The Dept of Geology and Mining shall establish a lab on its own or shall authorize any lab in this regard.*
- ii. *There shall not be any quarry operation in the name of colloquial terms/local terms and any lease shall be in accordance with minerals notified under section 3 (e) of the MMDR Act.*
- iii. *A high-level committee has to be constituted, consisting of Geologists and Experts in the said field and eminent Officers from WRO, PWD to conduct a detailed study/survey on the possibility or the availability of the river sand on the adjacent patta lands to the rivers and those places, where sand is available, have to be notified and declared as protected zones and there cannot be any quarry operation other than by the Government, in those notified areas.*
- iv. *The department of Geology and Mining, shall furnish the details of all the Savudu quarries granted so far, in the state of Tamil Nadu, to this court, within a period of eight weeks from the date of receipt of a copy of this order.*
- v. *The details of all the savudu quarries shall also be furnished to the High Level Committee and High Level Committee shall inspect those quarries to ascertain the availability of sand in those quarries. In the event of High Level Committee ascertaining the availability of sand in these quarries, the same shall be reported to the Commissioner of Geology and Mining, marking a copy to this court and the Commissioner shall take necessary action as against the officials, who have granted quarry permits without ascertaining the composition of minerals.*
- vi. *Any quarry operations shall be permitted only by way of lease agreement, as per Article 299(1) of constitution of India.*
- vii. *The Government shall either adopt the Mineral Conservation Rules, 2017, framed by the Central Government or frame a separate Rule, as directed by the Hon'ble Supreme court in Deepak Kumar's case, within a period of six months from the date of receipt of a copy of this order.*

  
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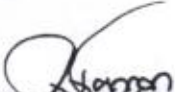
viii. *Whenever, SEIAA clearance is required , it shall be done only physical inspection by deputing an officer attached to SEIAA and depending upon the report further proceedings may take place in accordance with law and there must be a mechanism to ensure the conditions of SEIAA are strictly complied with.*

Acting on the above Judgment, the Director of Geology and mining, Govt of Tamil Nadu, in his letter No. 7240/MM6/2019 Dt. 30.7.2021, has inter alia, issued the following directions:

- No quarry lease shall be granted in areas where the test results indicate the presence of sand in the composition.
- No quarry lease shall be granted in the patta lands adjoining to the rivers, streams, canals etc.,
- No permission shall be granted for quarrying Gravel, Earth, etc., in patta land for a period less than one year.
- Lease deed shall be executed in the Form set out in Appendix IV or Appendix V to the Tamil Nadu Minor Mineral Concession Rules 1959.

In the present case, the Committee therefore directed the proponent to submit the following additional details for further processing the proposal.

1. The composition/component of the minerals proposed to be quarried shall be tested in any of the laboratories authorized by the Dept of Geology & Mining as directed in the above Judgment.
2. The proponent shall produce a certificate from the Dept of Geology & Mining stating that the composition/component of the minerals proposed to be quarried does not contain sand based on the above laboratory results.
3. The proponent should produce a letter from the Department of Geology and Mining stating that the location of quarry site does not lie adjoining to the rivers, streams, canals etc., and also does not come under any notified/declared protected zones in terms of the above Judgment.

  
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Agenda No: 269-2

(File No: 7694/2020)

Proposed gravel quarry lease area over an extent of 1.60.0 Ha at SF.No. 537/3, 538/6, 538/8, 539/9 & 538/10 Kadiyapattinam Village, Kalkulam Taluk Kanniyakumari District, Tamil Nadu by Thiru.C.Thayabaran - For Environmental Clearance . (SIA/TN/MIN/36644/2019 Dt. 25.11.2021).

The proposal was placed in this 269<sup>th</sup> SEAC Meeting held on 5.5.2022. 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.C.Thayabaran, has applied for Environmental Clearance for the proposed gravel quarry lease area over an extent of 1.60.0 Ha at Sf.No. 537/3, 538/6, 538/8, 539/9 & 538/10 Kadiyapattinam Village, Kalkulam Taluk Kanniyakumari District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 2 years. The production for 2years not to exceed – 31913 m3 with proposed depth of 5m(AGL).

The proposal was placed in this 269<sup>th</sup> SEAC Meeting held on 5.5.2022. The PP has made the presentation along with relevant details.


The Committee examined the proposal submitted by the proponent in the light of the Judgment issued by the Hon'ble Madurai Bench of Madras High Court in W.P.(MD) Nos.20903 of 2016, 23452, 24495, 17370 and 18035 of 2019 dated 12.02.2021. In this Judgment, the Hon'ble High Court was examining the legality of mining permits or license given by the Government for removal of minor minerals in the name of "Savudu" and other Colloquial terminologies and issued the following directions.

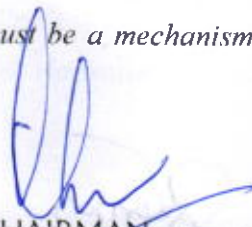
- i. *There shall not be any grant of quarry lease without ascertaining the composition/component of the minerals and without obtaining the report from authorized*

  
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- lab. The Dept of Geology and Mining shall establish a lab on its own or shall authorize any lab in this regard.
- ii. There shall not be any quarry operation in the name of colloquial terms/local terms and any lease shall be in accordance with minerals notified under section 3 (e) of the MMDR Act.
- iii. A high-level committee has to be constituted, consisting of Geologists and Experts in the said field and eminent Officers from WRO, PWD to conduct a detailed study/survey on the possibility or the availability of the river sand on the adjacent patta lands to the rivers and those places, where sand is available, have to be notified and declared as protected zones and there cannot be any quarry operation other than by the Government, in those notified areas.
- iv. The department of Geology and Mining, shall furnish the details of all the Savudu quarries granted so far, in the state of Tamil Nadu, to this court, within a period of eight weeks from the date of receipt of a copy of this order.
- v. The details of all the savudu quarries shall also be furnished to the High Level Committee and High Level Committee shall inspect those quarries to ascertain the availability of sand in those quarries. In the event of High Level Committee ascertaining the availability of sand in these quarries, the same shall be reported to the Commissioner of Geology and Mining, marking a copy to this court and the Commissioner shall take necessary action as against the officials, who have granted quarry permits without ascertaining the composition of minerals.
- vi. Any quarry operations shall be permitted only by way of lease agreement, as per Article 299(1) of constitution of India.
- vii. The Government shall either adopt the Mineral Conservation Rules, 2017, framed by the Central Government or frame a separate Rule, as directed by the Hon'ble Supreme court in Deepak Kumar's case, within a period of six months from the date of receipt of a copy of this order.
- viii. Whenever, SEIAA clearance is required, it shall be done only physical inspection by deputing an officer attached to SEIAA and depending upon the report further proceedings may take place in accordance with law and there must be a mechanism to ensure the conditions of SEIAA are strictly complied with.

  
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Acting on the above Judgment, the Director of Geology and mining, Govt of Tamil Nadu, in his letter No. 7240/MM6/2019 Dt. 30.7.2021, has inter alia, issued the following directions:

- No quarry lease shall be granted in areas where the test results indicate the presence of sand in the composition.
- No quarry lease shall be granted in the patta lands adjoining to the rivers, streams, canals etc.,
- No permission shall be granted for quarrying Gravel, Earth, etc., in patta land for a period less than one year.
- Lease deed shall be executed in the Form set out in Appendix IV or Appendix V to the Tamil Nadu Minor Mineral Concession Rules 1959.

In the present case the lease period is less than one year, the Committee, therefore decided to not recommend the proposal.

**Agenda No: 269-3**  
**(File No: 7755/2022)**

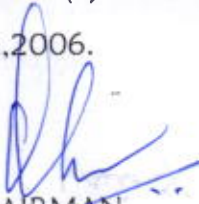
**Proposed rough stone and gravel quarry lease area over an extent of 1.36.0 Ha at S.F. No. 1/4 (Part-40) Anandalai Village, Walajah Taluk, Vellore District, Tamil Nadu by M/s. S. R. M. Blue Metals -For Environmental Clearance amendment (SIA/TN/MIN/55763/2020 Dt.9.2.2022)**

The proposal was placed for appraisal in this 269<sup>th</sup> meeting of SEAC held on 5.5.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, M/s. S. R. M. Blue Metals has applied for the Environmental Clearance for proposed rough stone and gravel quarry lease area over an extent of 1.36.0 Ha at S.F. No. 1/4 (Part-40) Anandalai Village, Walajah Taluk, Vellore District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.

  
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3. As per the mining plan, the lease period is for 10 years. The production for 5 years not to exceed –1194840 m<sup>3</sup> of Rough stone and 13600 m<sup>3</sup> of Top soil. The Annual peak production as per mining plan is 272000 m<sup>3</sup> of Rough stone (2<sup>nd</sup> & 3<sup>rd</sup> year) & 13600 m<sup>3</sup> of Top Soil (1<sup>st</sup> year) with ultimate depth of 126m (109m AGL + 17m BGL).
4. The PP was issued with ToR vide Lr No. SEIAA-TN/F.No.7755/SEAC/ToR-1003/2021 Dt. 28.7.2021.

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 DFO indicating the exact distance of the Bagaveli RF from the project site.

Agenda No: 269-4


(File No: 7773/2022)

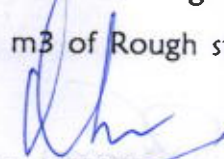
Proposed rough stone and gravel quarry lease area over an extent of 1.00.0 Ha at S.F.Nos: 20/2B (Part) and 21/5C (Part), Marapparai Village, Tiruchengode Taluk, Namakkal District, Tamil Nadu by Thiru.R.Paramasivam-For Environmental Clearance amendment (SIA/TN/MIN/55800/2020 Dt. 20.1.2022)

The proposal was placed for appraisal in this 269<sup>th</sup> meeting of SEAC held on 5.5.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.R.Paramasivam has applied for the Environmental Clearance for proposed rough stone and gravel quarry lease area over an extent of 1.00.0 Ha at S.F.Nos: 20/2B (Part) and 21/5C (Part), Marapparai Village, Tiruchengode Taluk, Namakkal District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 5 years. The production for 5 years not to exceed –115582 m<sup>3</sup> of Rough stone and 10048 m<sup>3</sup> of gravel. The Annual peak production as per mining plan is 28785 m<sup>3</sup> of Rough stone

  
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(2<sup>nd</sup> year) & 10048 m<sup>3</sup> of gravel (1<sup>st</sup> year) with ultimate depth of 47m.

4. The PP was issued with ToR vide Lr No. SEIAA-TN/F.No.7773/SEAC/ToR-811/2020 Dt. 9.11.2020 with restricting the depth of mining to ultimate depth of 42m and quantity of 115372 m<sup>3</sup> of Rough stone & 10048 m<sup>3</sup> of Gravel for a period of five years with a bench height of 5m as per the approved mining plan considering the hydro geological regime of the surrounding area.

Based on the presentation and documents furnished by the project proponent, SEAC decided to make on site inspection by the by the subcommittee constituted by SEAC. On the receipt of the same further deliberation will be done.

**Agenda No: 269-5**  
**(File No: 7795/2022)**

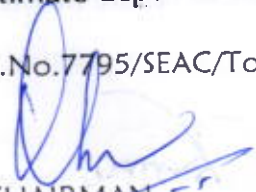
Proposed rough stone and gravel quarry lease area over an extent of 1.00.0 Ha at S.F. No. 1/4 (Part-38) Anandalai Village, Walajah Taluk, Vellore District, Tamil Nadu by Thiru. T. Barathi -For Environmental Clearance amendment (SIA/TN/MIN/56160/2020 Dt. 7.2.2022)

The proposal was placed for appraisal in this 269<sup>th</sup> meeting of SEAC held on 5.5.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru. T. Barathi has applied for the Environmental Clearance for proposed rough stone and gravel quarry lease area over an extent of 1.00.0 Ha at S.F. No. 1/4 (Part-38) Anandalai Village, Walajah Taluk, Vellore District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 10 years. The production for 5 years not to exceed -479040 m<sup>3</sup> of Rough stone and 10670 m<sup>3</sup> of Top soil. The Annual peak production as per mining plan is 106700 m<sup>3</sup> of Rough stone (5<sup>th</sup> year) & 10670 m<sup>3</sup> of Top Soil (1<sup>st</sup> year) with ultimate depth of 71m
4. The PP was issued with ToR vide Lr No. SEIAA-TN/F.No.7795/SEAC/ToR-

  
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881/2020 Dt.16.3.2021 with restricting the depth of mining from 71 m to 61 m ultimate depth and quantity of 372140 m<sup>3</sup> of Rough stone & 10670 m<sup>3</sup> of Topsoil for five years with a bench height of 5m as per the approved mining plan considering the hydro geological regime of the surrounding area

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 DFO indicating the exact distance of the Bagaveli RF located from the project site.

Agenda No: 269-6

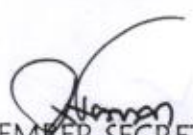
(File No: 7833/2022)

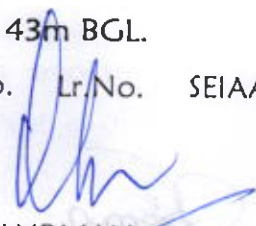
Proposed rough stone and gravel quarry lease area over an extent of 2.03.0 Ha at S.F. No. 273/2A and 281/2 Pachapalayam Village, Suler Taluk, Coimbatore District, Tamil Nadu by Thiru. S.A.Ganesan -For Environmental Clearance amendment (SIA/TN/MIN/56383/2020 Dt. 26.1.2022)

The proposal was placed for appraisal in this 269<sup>th</sup> meeting of SEAC held on 5.5.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru. S.A.Ganesan has applied for the Environmental Clearance for proposed rough stone and gravel quarry lease area over an extent of 2.03.0 Ha at S.F. No. 273/2A and 281/2 Pachapalayam Village, Suler Taluk, Coimbatore District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 10 years. The production for 5 years not to exceed -131419 m<sup>3</sup> of Rough stone and 6576 m<sup>3</sup> of gravel and 11452m<sup>3</sup> of gravel dump. The Annual peak production as per mining plan is 32650 m<sup>3</sup> of Rough stone (1<sup>st</sup> year) , 3840 m<sup>3</sup> of gravel (3<sup>rd</sup> year) and 11452m<sup>3</sup> of gravel dump (1<sup>st</sup> year) with ultimate depth of 43m BGL.
4. The PP was issued with ToR vide Lr No. Lr.No. SEIAA-

  
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TN/F.No.7833/SEAC/ToR-828/2020 Dated:16.12.2020 with restricting the The ultimate depth of the mining is restricted to 33m instead of 43m considering the hydro-geological regime of the surrounding area. Restricting the depth of mining to ultimate depth of 33m and quantity of 123669 m<sup>3</sup> of Rough stone & 6576 m<sup>3</sup> of Gravel for a period of five years with a bench height of 5m as per the approved mining plan.

Based on the presentation and documents furnished by the project proponent, SEAC decided to call for the following details from the project proponent in respect of compliance of EC conditions for the earlier period.

1. The PP shall construct the type of fence along the boundary limit of the mining leasehold area as per the Reg. 177 of MMR 1961, i.e., Wire ropes, barbed wire supported by permanent post-stands (iron or concrete), the gap between the adjacent members being not less than 0.30 m and the bottom-most member not more than 0.25 m and the top-most member not less than 1.00 m from the ground level.
2. The PP shall furnish the photograph and video graph of fencing all along the periphery of the mining lease area and green belt .

Agenda No: 269-7

(File No: 7840/2022)

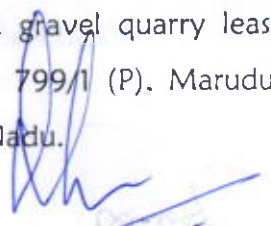
Proposed rough stone and gravel quarry lease area over an extent of 4.81.7 Ha at S.F.Nos. 739 (P) & 799/1 (P), Marudur Village, Mettupalayam Taluk, Coimbatore District, Tamil Nadu by Tvl. Venkateswara Blue Metals, -For Environmental Clearance amendment (SIA/TN/MIN/56363/2020 Dt. 11.12.2021)

The proposal was placed for appraisal in this 269<sup>th</sup> meeting of SEAC held on 5.5.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Tvl. Venkateswara Blue Metals has applied for the Environmental Clearance for proposed rough stone and gravel quarry lease area over an extent of 4.81.7 Ha at S.F.Nos. 739 (P) & 799/1 (P), Marudur Village, Mettupalayam Taluk, Coimbatore District, Tamil Nadu.

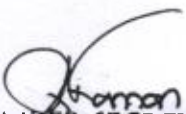
  
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2. The project/activity is covered under Category "B1" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 5 years. The production for 5 years not to exceed –968784 m<sup>3</sup> of Rough stone and 8184 m<sup>3</sup> of gravel. The Annual peak production as per mining plan is 216373 m<sup>3</sup> of Rough stone (2<sup>nd</sup> year) and 8184 m<sup>3</sup> of gravel (1<sup>st</sup> year) with ultimate depth of 79m (44m AGL + 35BGL).
4. The PP was issued with ToR vide Lr No. SEIAA- TN/F.No.7840/SEAC/ToR-860/2020 Dated: 12.03.2021 with restricting the depth of mining to 44m ultimate depth above ground level and quantity of 461949 m<sup>3</sup> of Rough stone & 8184 m<sup>3</sup> of Gravel for five years with a bench height of 7m as per the approved mining plan considering the hydro geological regime of the surrounding area.

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 in Panchayat Union Primary School Karamadai and Panchayat Union Middle School K. Punganpalayam before obtaining CTO from TNPCB.

  
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Panchayat Union Primary School Karamadai

1. Construction of school compound wall.
2. Setting up the stove and chimney for the school kitchen.
3. Minor repairing works in school.
4. Setting up entrance gate to school.
5. Carrying out plantation in around school compound 1000 Nos.
6. Providing Environmental related cartoon books to school library.
7. Tree planting in village nandavanam.

Panchayat Union Middle School K. Punganpalayam

1. Renovation of Existing toilets with tap water facilities.
2. Construction of school entrance gate.
3. Providing sanitary napkin incinerator in girl's toilet.
4. Providing environment related books to School library
5. Carrying out avenue plantation and gardening school entrance 1000 Nos.
6. Installation of R.O water unit 2 Nos.

Agenda No: 269-8

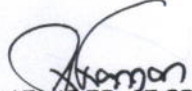
(File No: 7871/2020)

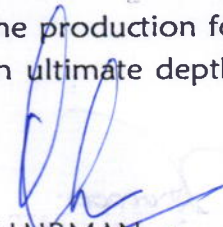
Proposed Red Earth quarry lease area over an extent of 2.27.0 Ha at SF.No. 178/3B, 178/6, 178/7, 178/9, 178/10, 178/11, 178/1 Thollamur village, Vanur Taluk, Villuppuram District, Tamil Nadu by Tmt.L.Savithri -For Environmental Clearance amendment (SIA/TN/MIN/174491/2020 Dt.22.9.2020)

The proposal was placed for appraisal in this 269<sup>th</sup> meeting of SEAC held on 5.5.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

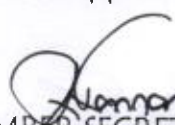
1. The project proponent, Tmt.L.Savithri has applied for the Environmental Clearance for proposed Red Earth quarry lease area over an extent of 2.27.0 Ha at SF.No. 178/3B, 178/6, 178/7, 178/9, 178/10, 178/11, 178/1 Thollamur village, Vanur Taluk, Villuppuram District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 2 years. The production for 2 years not to exceed -18680 m3 of Red Earth with an ultimate depth of 2m BGL.

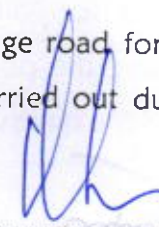
  
MEMBER SECRETARY  
SEAC -TN

  
CHAIRMAN  
SEAC- TN

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


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

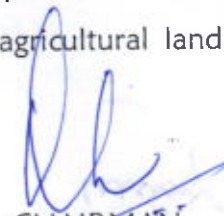
  
MEMBER SECRETARY  
SEAC -TN

  
CHAIRMAN  
SEAC -TN

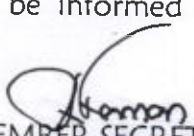
mining operation at regular intervals and submit the consolidated report to TNPCB once in six months.

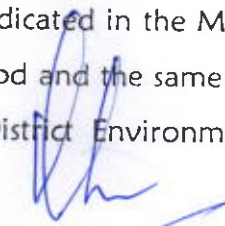
7. The Proponent shall ensure that the Noise level is monitored during mining operation at the project site for all the machineries deployed and adequate noise level reduction measures undertaken accordingly. The report on the periodic monitoring shall be submitted to TNPCB once in 6 months.
8. Proper barriers to reduce noise level and dust pollution should be established by providing greenbelt along the boundary of the quarrying site and suitable working methodology to be adopted by considering the wind direction.
9. The purpose of Green belt around the project is to capture the fugitive emissions, carbon sequestration and to attenuate the noise generated, in addition to improving the aesthetics. A wide range of indigenous plant species should be planted as given in the appendix in consultation with the DFO, State Agriculture University and local school/college authorities. The plant species with dense/moderate canopy of native origin should be chosen. Species of small/medium/tall trees alternating with shrubs should be planted in a mixed manner.
10. Taller/one year old Saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted 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
11. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
12. The operation of the quarry should not affect the agricultural activities & water bodies near the project site and a 50m safety distance from water body should be maintained without carrying any activity. The proponent shall take appropriate measures for "Silt Management" and prepare a SOP for periodical de-siltation indicating the possible silt content and size in case of any agricultural land exists around the quarry.

  
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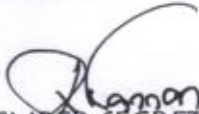
13. The proponent shall provide sedimentation tank / settling tank with adequate capacity for runoff management.
14. The proponent shall ensure that the transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village Road and shall take adequate safety precautionary measures while the vehicles are passing through the schools / hospital. The Project proponent shall ensure that the road may not be damaged due to transportation of the quarried rough stones; and transport of rough stones will be as per IRC Guidelines with respect to complying with traffic congestion and density.
15. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of the mining operation.
16. After mining operations are completed, the mine closure activities as indicated in the mine closure plan shall be strictly carried out by the Proponent fulfilling the necessary actions as assured in the Environmental Management Plan.
17. The Project proponent shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition that is fit for the growth of fodder, flora, fauna etc.
18. The Project proponent shall comply with the provisions of the Mines Act, 1952, MMR 1961 and Mines Rules 1955 for ensuring safety, health and welfare of the people working in the mines and the surrounding habitants.
19. The project proponent shall ensure that the provisions of the MMRD, 1956, the MCDR 2017 and Tamil Nadu Minor Mineral Concession Rules 1959 are complied by carrying out the quarrying operations in a skillful, scientific and systematic manner keeping in view proper safety of the labour, structure and the public and public works located in that vicinity of the quarrying area and in a manner to preserve the environment and ecology of the area.
20. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be informed to the District AD/DD(Geology and Mining) District Environmental

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

21. The Project proponent shall abide by the annual production scheduled specified in the approved mining plan and if any deviation is observed, it will render the Project proponent liable for legal action in accordance with Environment and Mining Laws.
22. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wildlife as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance, as per the existing law from time to time.
23. All the conditions imposed by the Assistant/Deputy Director, Geology & Mining, concerned District in the mining plan approval letter and the Precise area communication letter issued by concerned District Collector should be strictly followed.
24. The Project proponent shall install a Display Board at the entrance of the mining lease area/abutting the public Road if applicable, about the project as per Appendix -II of these minutes.
25. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A.No.186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No.758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).
26. As per the MoEF& CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere EMP furnished.
27. As accepted by the Project proponent the revised CER cost is Rs. 3 lakh and the amount shall be spent for the following activities before obtaining CTO from TNPCB.

  
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Govt. Primary school Thollamur
<ol style="list-style-type: none"> <li>1. Tree plantation ( 25 Nos).</li> <li>2. Provision of RO water facilities, library rack with environment related books &amp; almarah.</li> </ol>

Agenda No: 269-9

(File No: 7889/2022)

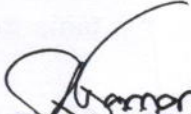
Proposed rough stone and gravel quarry lease area over an extent of 1.00.0 Ha at S.F. No. 1/4 (Part-32) Anandalai Village, Walajah Taluk, Vellore District, Tamil Nadu by Thiru B. Kishun Kumar -For Environmental Clearance amendment (SIA/TN/MIN/57001/2020 Dt.16.2.2022)


The proposal was placed for appraisal in this 269<sup>th</sup> meeting of SEAC held on 5.5.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru B. Kishun Kumar has applied for the Environmental Clearance for proposed rough stone and gravel quarry lease area over an extent of 1.00.0 Ha at S.F. No. 1/4 (Part-32) Anandalai Village, Walajah Taluk, Vellore District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 10 years. The production for 5 years not to exceed -813140 m<sup>3</sup> of Rough stone and 10000 m<sup>3</sup> of Top soil. The Annual peak production as per mining plan is 182000 m<sup>3</sup> of Rough stone (5<sup>th</sup> year) & 10000 m<sup>3</sup> of Top Soil (1<sup>st</sup> year) with ultimate depth of 96m (94m AGL + 2m BGL).
4. The PP was issued with ToR vide Lr No. SEIAA-TN/F.No.7889/SEAC/ToR-887/2020 Dt.16.3.2021.

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

  
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1. The project proponent shall furnish a letter from DFO indicating the exact distance of the Bagaveli RF located from the project site.


Agenda No: 269-10  
(File No: 7902/2020)

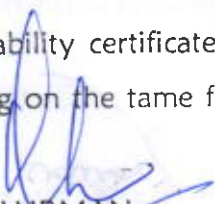
Proposed rough stone quarry lease area over an extent of 1.00.0 Ha at SF.No. 121 (PART-3) Perumugai Village, Vellore Taluk, Vellore District, Tamil Nadu by Thiru K.Devendiran -For Environmental Clearance amendment (SIA/TN/MIN/175565/2020 Dt.20.9.2020)

The proposal was placed for appraisal in this 269<sup>th</sup> meeting of SEAC held on 5.5.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru K.Devendiran has applied for the Environmental Clearance for proposed rough stone quarry lease area over an extent of 1.00.0 Ha at SF.No. 121 (Part-3) Perumugai 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 -73975 m<sup>3</sup> of Rough stone and 4340 m<sup>3</sup> of Top soil. The Annual peak production as per mining plan is 14850 m<sup>3</sup> of Rough stone (3<sup>rd</sup> year) & 1920 m<sup>3</sup> of Top Soil (3<sup>rd</sup> year) with ultimate depth of 36m AGL.
4. Earlier, this proposal was placed for appraisal in this 234<sup>th</sup> meeting of SEAC held on 7.11.2020. Based on the presentation made by the proponent and the documents furnished, the committee decided the followings:
  - i. To furnish letter obtained from District Collector to check the genuineness of VAO letter, as the Google earth satellite image shows that there are many of habitants found in and around the project site.
  - ii. The project proponent shall obtain a safety & stability certificate for the check dam to the effect that no impact mining on the tame from

  
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PWD or any govt' institutions like IIT. Anna University etc.

Based on the proponents reply this subject again been placed in 269<sup>th</sup> meeting of SEAC held on 5.5.2022. The PP was made the re presentation.

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

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

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

Agenda No: 269-11


(File No: 7930/2022)

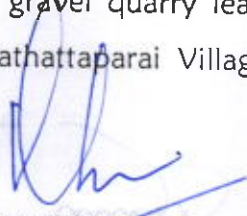
Proposed rough stone and gravel quarry lease area over an extent of 2.23.0 Ha at Sf.No.389/1B Melathattaparai Village, Thoothukudi Taluk, Thoothukudi District, Tamil Nadu by. Tmt.T.Palavesammal -For Environmental Clearance amendment (SIA/TN/MIN/57381/2020 Dt.28.2.2022)

The proposal was placed for appraisal in this 269<sup>th</sup> meeting of SEAC held on 5.5.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Tmt.T.Palavesammal has applied for the Environmental Clearance for proposed rough stone and gravel quarry lease area over an extent of 2.23.0 Ha at Sf.No.389/1B Melathattaparai Village, Thoothukudi Taluk, Thoothukudi District, Tamil Nadu.

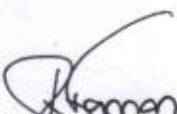
  
MEMBER SECRETARY  
SEAC -TN

  
CHAIRMAN  
SEAC- TN

2. The project/activity is covered under Category "B1" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 5 years. The production for 5 years not to exceed –194570 m<sup>3</sup> of Rough stone and 79170 m<sup>3</sup> of gravel and 72270 weathered rock. The annual peak production as per mining plan is 39050 m<sup>3</sup> of rough stone (4<sup>th</sup> year) & 50700 m<sup>3</sup> of gravel (1<sup>st</sup> year) and 46720 m<sup>3</sup> of weathered rock with ultimate depth of 40m BGL.
4. The PP was issued with ToR vide Lr No. SEIAA-TN/F.No.7930/SEAC/ToR-884/2020 Dated:16.03.2021 with restricting the depth of mining from 40m to 35m ultimate depth and quantity of 185600 m<sup>3</sup> of rough stone, 72270 m<sup>3</sup> of weathered rock & 79170 m<sup>3</sup> of gravel for five years with a bench height of 5m as per the approved mining plan considering the hydro geological regime of the surrounding area

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 in Panchayat Union Primary School, Camp Thattaparai before obtaining CTO from TNPCB.

  
MEMBER SECRETARY  
SEAC -TN

  
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Panchayat Union Primary School, Camp Thattaparai

1. Tree plantation in and around area 100 Nos.
2. Renovation & Repair of Toilet Facilities.
3. Provision of Drinking water facility.
4. Rack for library with books.
5. Provision of Bench & Desk for School Children.

Agenda No: 269-12

(File No: 7936/2021)

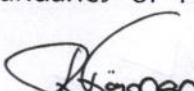
Proposed rough stone and gravel quarry lease area over an extent of 1.05.0 Ha at SF.No. 419/2A (P), Kumbalapatti Village, Pollachi Taluk, Coimbatore District, Tamil Nadu by Thiru.V.Vivekanandhan -For Environmental Clearance amendment (SIA/TN/MIN/178747/2020 Dt. 22.32021)

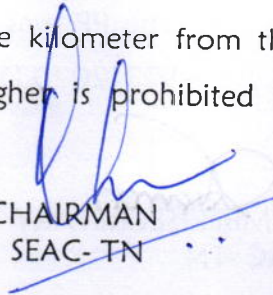
The proposal was placed for appraisal in this 269<sup>th</sup> meeting of SEAC held on 5.5.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.V.Vivekanandhan has applied for the Environmental Clearance for proposed rough stone and gravel quarry lease area over an extent of 1.05.0 Ha at SF.No. 419/2A (P), Kumbalapatti Village, Pollachi Taluk, Coimbatore District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 5 years. The production for 5 years not to exceed 85010 m<sup>3</sup> of rough stone and 13320 m<sup>3</sup> of gravel and 72270 weathered rock. The annual peak production as per mining plan is 20400 m<sup>3</sup> of Rough stone (2<sup>nd</sup> year) & 4440 m<sup>3</sup> of gravel (1<sup>st</sup> to 3<sup>rd</sup> year) with ultimate depth of 32BGL.

Based on the presentation and documents furnished by the project proponent, SEAC noted that as per OM No. F.No.23-43/2018-IA.III Dt. 8.8.2019, para 4(iv) "Proposals involving mining of minerals within the ESZ (or) one kilometer from the boundaries of National Parks and Sanctuaries whichever is higher is prohibited in

  
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SEAC- TN

accordance with the order of the Hon'ble Supreme Court dated 4.08.2006 in the matter of T.N. Godavarman Thirumulpad Vs. UOI in W.P.(C) No. 202 of 1995 and dated 21.4.2014 in the matter of Goa Foundation Vs. UOI in W.P.(C) No. 435 of 2012".

In the present case the Anamalai Tiger Reserve is located within 10Km and as the ESZ for the Anamalai Tiger Reserve is yet to be notified, the area falling within ten kilometers of the boundaries of the Reserve is presumed to be the ESZ. The Committee, therefore, decided to not recommend the proposal.

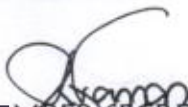
**Agenda No: 269-13**  
**(File No: 7971/2021)**

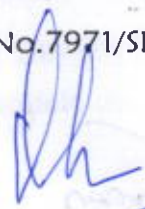
**Proposed rough stone and gravel quarry lease area over an extent of 1.30.0 Ha at S.F.Nos. 20/2 (P) and 21/2 of T.Nallalam Village, Marakkanam Taluk, Villuppuram District, Tamilnadu by Thiru V. Narendiran -For Environmental Clearance amendment (SIA/TN/MIN/57654/2020 Dt. 23.2.2022)**

The proposal was placed for appraisal in this 269<sup>th</sup> meeting of SEAC held on 5.5.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru V. Narendiran has applied for the Environmental Clearance for proposed rough stone and gravel quarry lease area over an extent of 1.30.0 Ha at S.F.Nos. 20/2 (P) and 21/2 of T.Nallalam Village, Marakkanam Taluk, Villuppuram District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 5 years. The production for 5 years not to exceed -68085 m<sup>3</sup> of Rough stone and 7963 m<sup>3</sup> of Top Soil. The Annual peak production as per mining plan is 22755 m<sup>3</sup> of Rough stone (1<sup>st</sup> year) & Top Soil 2982m<sup>3</sup> with ultimate depth of 21BGL.
4. The PP was issued with ToR vide Lr No.SEIAA-TN/T.No.7971/SEAC/ToR-92312020 Dated: 16.04.2021.

  
MEMBER SECRETARY  
SEAC -TN

  
CHAIRMAN  
SEAC- TN

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 in Panchayat Union Middle School, Kattalai before obtaining CTO from TNPCB.

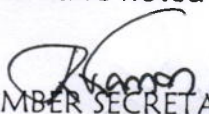
Panchayat Union Middle School, Kattalai
<ol style="list-style-type: none"><li>1. Renovation of existing boy's and girl's toilets.</li><li>2. Re-construction of hand washing tank with tap facilities.</li><li>3. Compound wall.</li><li>4. Providing of sports equipment to students.</li><li>5. Napkin incinerator in girl's toilet.</li><li>6. Providing environment related books for Library.</li><li>7. Painting for the classrooms.</li><li>8. Avenue plantations in the School Ground 100 Nos. (see Appendix-i).</li></ol>


Agenda No: 269-14  
(File No: 7974/2022)

Proposed rough stone and gravel quarry lease area over an extent of 2.88.5 Ha at S.F.Nos. 186/1, 190/2B1 & 190/2B2 Kundiyanthandalam Village, Vembakkam Taluk, Tiruvannamalai District, Tamil Nadu by Thiru.A.Dasarathan -For Environmental Clearance amendment (SIA/TN/MIN/57649/2020 Dt.11.2.2022)

The proposal was placed for appraisal in this 269<sup>th</sup> meeting of SEAC held on 5.5.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

  
MEMBER SECRETARY  
SEAC -TN

  
CHAIRMAN  
SEAC- TN

1. The project proponent, Thiru.A.Dasarathan has applied for the Environmental Clearance for proposed rough stone and gravel quarry lease area over an extent of 2.88.5 Ha at S.F.Nos. 186/1, 190/2B1 & 190/2B2 Kundiyanthandalam Village, Vembakkam Taluk, Tiruvannamalai District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 5m years. The production for 5 years not to exceed 468800 m<sup>3</sup> of rough stone and 46462 m<sup>3</sup> of gravel. The annual peak production as per mining plan is 110175 m<sup>3</sup> of Rough stone (4<sup>th</sup> year) & 17854 m<sup>3</sup> of gravel (1<sup>st</sup> year) with ultimate depth of 47m BGL.
4. The PP was issued with ToR vide Lr No.SEIAA-TN/F.No.7974/SEAC/ToR-925/2020 Dated: 16.04.2021 with Restricting the maximum depth of mining from 47m to 42m considering the environmental impacts due to the mining, safety of the working personnel and following the principle of the sustainable mining and consequently the maximum minable quantities of 460700 m<sup>3</sup> of Rough stone & 46462 m<sup>3</sup> of Gravel are permitted for mining over five years.

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 Public Road abutting the quarry site shall be repaired in consultation with local body concerned under Namakku Name Scheme.

  
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4. As accepted by the Project proponent the CER cost is Rs. 6 lakhs and the amount shall be spent for the following activities in Panchayat Union Primary School – Gandhi Nagar, Karamadai before obtaining CTO from TNPCB.

Panchayat Union Primary School – Gandhi Nagar, Karamadai.	
o	Construction of school compound walls.
o	Setting up the stove and chimney for the school kitchen.
o	Minor repairing works in school.
o	Setting up entrance gate to school.
o	Carrying out plantation in around school compound 100Nos.
o	Providing environment related cartoon books to school library.

**Agenda No: 269-15**


**(File No: 8037/2022)**

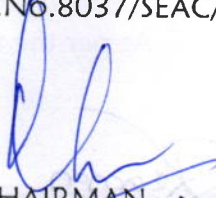
Proposed rough stone quarry lease area over an extent of 3.75.0 Ha at S.F. No. 170 (Part - 3) Chennampatti Village, Anthiyur Taluk, Erode District, Tamil Nadu by Thiru S.Gokul Santhosh-For Environmental Clearance amendment (SIA/TN/MIN/57826/2020 Dt.25.2.2022)

The proposal was placed for appraisal in this 269<sup>th</sup> meeting of SEAC held on 5.5.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru. S.Gokul Santhosh has applied for the Environmental Clearance for proposed rough stone quarry lease area over an extent of 3.75.0 Ha at S.F. No. 170 (Part - 3) Chennampatti Village, Anthiyur Taluk, Erode District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 5m years. The production for 5 years not to exceed –605220 m<sup>3</sup> of Rough stone and 18335 m<sup>3</sup> of gravel. The Annual peak production as per mining plan is 123665 m<sup>3</sup> of Rough stone (1<sup>st</sup> year) & 11305 m<sup>3</sup> of gravel (2<sup>nd</sup> year) with ultimate depth of 61m BGL.
4. The PP was issued with ToR vide Lr No. SEIAA-TN/F.No.8037/SEAC/ToR-857/2020 Dated: 25.2.2021.

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

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

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

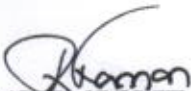
Agenda No: 269-16  
(File No: 8044/2022)

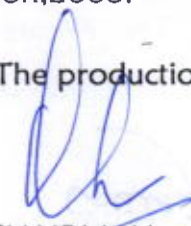
Proposed rough stone quarry lease area over an extent of 4.63.5 Ha at S.F. No. 170 (Part - 2) Chennampatti Village, Anthiyur Taluk, Erode District, Tamil Nadu by Thiru K.S. Selvaraj -For Environmental Clearance amendment (SIA/TN/MIN/57827/2020 Dt. 25.2.2022)

The proposal was placed for appraisal in this 269<sup>th</sup> meeting of SEAC held on 5.5.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru. K.S. Selvaraj has applied for the Environmental Clearance for proposed rough stone quarry lease area over an extent of 4.63.5 Ha at S.F. No. 170 (Part - 2) Chennampatti Village, Anthiyur Taluk, Erode District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 5m years. The production for 5

  
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years not to exceed –841215 m<sup>3</sup> of rough stone and 26420 m<sup>3</sup> of top soil. The annual peak production as per mining plan is 182825 m<sup>3</sup> of rough stone (3<sup>rd</sup> year) & 17360 m<sup>3</sup> of top soil gravel (2<sup>nd</sup> year) with ultimate depth of 51m (1m Topsoil + 50m Rough Stone) (45m AGL+6m BGL)

4. The PP was issued with ToR vide Lr No.SEIAA-TN/F.No.8044/SEAC/ToR-850/2020 Dated: 17.2.2021. with proposed ultimate depth of mining is and the total quantity of mineral, proposed to be mined are Rough stone - 841215 m<sup>3</sup> and Top soil - 26420m<sup>3</sup>

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

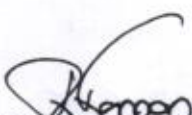
*“ ... No quarrying or mining or crushing activities shall be carried out within one kilometer radial distance or the protective distance as notified by the Ministry of Environment, Forest and Climate Change, Government of India from time to time, whichever is more, from the boundaries of ecologically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

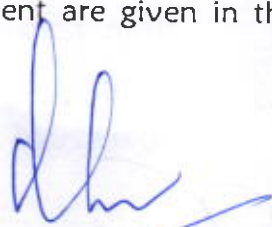
The Committee noted that the Palamalai Reserve Forest is located within a distance of 1 km from this project site and the proposal is, therefore, hit by the above G.O. The Committee, therefore, decided not to recommend the proposal.

Agenda No: 269-17  
(File No: 8050/2022)

Proposed rough stone quarry lease area over an extent of 1.75.5 Ha at S.F. No. 98A(Part) Pit-1, 10 Muthur Village, Kinathukadavu Taluk, Coimbatore District, Tamil Nadu by Thiru. V.Gunasekaran -For Environmental Clearance amendment (SIA/TN/MIN/56772/2020 Dt. 20.1.2022)

The proposal was placed for appraisal in this 269<sup>th</sup> meeting of SEAC held on 5.5.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

  
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The SEAC noted the following:

1. The project proponent, Thiru. V.Gunasekaran has applied for the Environmental Clearance for proposed rough stone quarry lease area over an extent of 1.75.5 Ha at S.F. No. 98A(Part) Pit-1, 10 Muthur Village, Kinathukadavu Taluk, Coimbatore District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 5m years. The production for 5 years not to exceed 353078 m<sup>3</sup> of rough stone. The annual peak production as per mining plan is 93055 m<sup>3</sup> of rough stone (2<sup>nd</sup> year) with ultimate depth of 54m (9m AGL+45m BGL)
4. The PP was issued with ToR vide Lr No.SEIAA-TN/F.No.8050/SEAC/ToR-896/2020 Dated: 16.3.2021 with restrict the ultimate depth of mining to 49m (9m +40m) and restricted quantity of Rough stone: 349348m<sup>3</sup>.

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 carry out mine closure activity at the end of life of mine.
3. The Proposed Green belt plantation shall be carried out within One year from the commencement of mining operation.
4. As per the MoEF& CC Office Memorandum F.No. 22-65/2017/IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere EMP furnished.

  
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5. As accepted by the Project proponent the CER cost is Rs. 5 lakhs and the amount shall be spent for the following activities Adi Dravidar Welfare School, Sankarapuram, before obtaining CTO from TNPCB.

Adi Dravidar Welfare School, Sankarapuram..
1. Installation of RO water unit.
2. Providing cupboard, fan, benches and desks to students.
3. Laying tiles to classroom flooring.
4. Renovation of Existing toilets.
5. Carrying out plantation in meikkal (grazing ground) poramboke land.
6. Providing environment related books to school library.

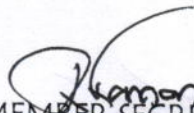
Agenda No: 269-18  
(File No: 8051/2022)

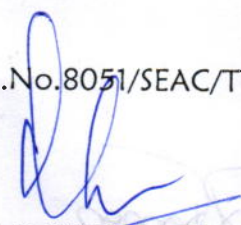
Proposed rough stone quarry lease area over an extent of 1.36.5 Ha at S.F. No. 98A(Part) Pit-2, 10 Muthur Village, Kinathukadavu Taluk, Coimbatore District, Tamil Nadu by Thiru. V.Gunasekaran -For Environmental Clearance amendment (SIA/TN/MIN/56760/2020 Dt.21.1.2022)

The proposal was placed for appraisal in this 269<sup>th</sup> meeting of SEAC held on 5.5.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru. V.Gunasekaran has applied for the Environmental Clearance for proposed rough stone quarry lease area over an extent of 1.36.5 Ha at S.F. No. 98A(Part) Pit-2, 10 Muthur Village, Kinathukadavu Taluk, Coimbatore District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 5m years. The production for 5 years not to exceed 387642 m<sup>3</sup> of rough stone. The annual peak production as per mining plan is 99935 m<sup>3</sup> of rough stone (2<sup>nd</sup> year) with ultimate depth of 55m (10m AGL+45m BGL)
4. The PP was issued with ToR vide Lr No.SEIAA-TN/F.No.8051/SEAC/ToR-

  
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910/2020 Dated: 16.3.2021 with restrict the ultimate depth of mining to 50m (10m AGL +40m BGL) and the same was accepted by the proponent. Hence the restricted quantity that shall be mined as per the approved mining plan is rough stone: 376337 m3

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. poramboke land, the Project proponent shall remit the required amount to District Mineral Fund for carry out mine closure activity at the end of life of mine.
3. The Proposed Green belt plantation shall be carried out within One year from the commencement of mining operation.
4. As per the MoEF& CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere EMP furnished.
5. As accepted by the Project proponent the CER cost is Rs. 5 lakhs and the amount shall be spent for the following activities Adi Dravidar Welfare School, Sankarapuram, before obtaining CTO from TNPCB.

Adi Dravidar Welfare School, Sankarapuram.,

Installation of RO water unit.  
Providing Bero, Fan, benches and desks to students.  
Laying tiles to class room flooring, wiring works in the head master room.  
Renovation of existing toilets.  
Carrying out plantation in meikkal poramboke land.  
Providing Environmental related books to school library.

  
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Agenda No: 269-19  
(File No: 8057/2022)

Proposed rough stone quarry lease area over an extent of 1.12.0 Ha at S.F. No. 98A(Part) Pit-4, 10 Muthur Village, Kinathukadavu Taluk, Coimbatore District, Tamil Nadu by Thiru K. Panchalingam -For Environmental Clearance amendment (SIA/TN/MIN/56785/2020 Dt.18.1.2022)

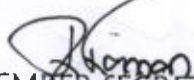
The proposal was placed for appraisal in this 269<sup>th</sup> meeting of SEAC held on 5.5.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

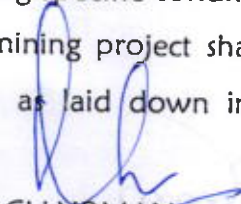
The SEAC noted the following:

1. The project proponent, Thiru K. Panchalingam has applied for the Environmental Clearance for proposed rough stone quarry lease area over an extent of 1.12.0 Ha at S.F. No. 98A(Part) Pit-4, 10 Muthur Village, Kinathukadavu Taluk, Coimbatore District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 5m years. The production for 5 years not to exceed 387642 m<sup>3</sup> of Rough stone. The Annual peak production as per mining plan is 99935 m<sup>3</sup> of Rough stone (2<sup>nd</sup> year) with ultimate depth of 55m (10m AGL+45m BGL).
4. The PP was issued with ToR vide Lr No.SEIAA-TN/F.No.8057/SEAC/ToR-903/2020 Dated: 16.03.2021 with restrict the ultimate depth of mining to 40m (10AGL +30BGL) and the same was accepted by the proponent. Hence the restricted quantity that shall be mined as per the approved mining plan is Rough stone: 226797 m<sup>3</sup>.

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

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

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

2. Since it is a Govt. poromboke land, the Project proponent shall remit the required amount to District Mineral Fund for carry out mine closure activity at the end of life of mine.
3. The Proposed Green belt plantation shall be carried out within One year from the commencement of mining operation.
4. As per the MoEF& CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere EMP furnished.
5. As accepted by the Project proponent the CER cost is Rs. 5 lakhs and the amount shall be spent for the following activities in Panchayath Union Middle School, Kinathukadavu before obtaining CTO from TNPCB.

Panchayath Union Middle School, Kinathukadavu
Installation of RO water unit. Tree plantation ( Appendix-I). Renovation of existing toilets. Providing environment related books to school library.

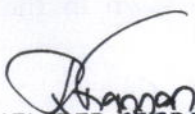
**Agenda No: 269-20**  
**(File No: 8073/2022)**

**Proposed rough stone and gravel quarry lease area over an extent of 2.00.0 Ha at S.F. No. 1/4 (Part-37) Anandalai Village, Walajah Taluk, Vellore District, Tamil Nadu by Thiru. M. Perumal, -For Environmental Clearance amendment (SIA/TN/MIN/57165/2020 Dt.16.2.2022)**

The proposal was placed for appraisal in this 269<sup>th</sup> meeting of SEAC held on 5.5.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru. M. Perumal has applied for the Environmental Clearance for proposed rough stone and gravel quarry lease area over an extent of 2.00.0 Ha at S.F. No. 1/4 (Part-37) Anandalai Village, Walajah Taluk, Vellore District, Tamil Nadu.


  
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2. The project/activity is covered under Category "B1" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 10 years. The production for 5 years not to exceed 739225 m<sup>3</sup> of Rough stone and 10000 m<sup>3</sup> of Top soil. The annual peak production as per mining plan is 152625 m<sup>3</sup> of Rough stone (1<sup>st</sup> year) & 20000 m<sup>3</sup> of Top Soil (1<sup>st</sup> year) with ultimate depth of 56m AGL.
4. The PP was issued with ToR vide Lr No. SEIAA-TN/F.No.8073/SEAC/ToR-907/2020 Dt.16.3.2021 with restrict the ultimate depth of mining to 51m (1m +50m) BGL and the restricted quantity that shall be mined as per the approved mining plan is Rough stone: 694225 m<sup>3</sup>, Topsoil: 20,000 m<sup>3</sup>

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 DFO indicating the exact distance of the Bagaveli RF located from the project site.

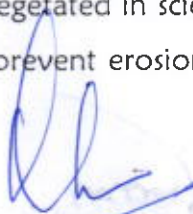
  
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SEAC -TN

  
CHAIRMAN  
SEAC -TN

## 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

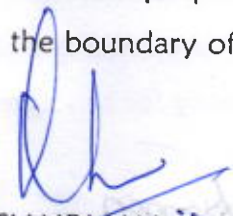
  
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SEAC- TN

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

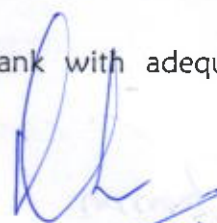
  
MEMBER SECRETARY  
SEAC -TN

  
CHAIRMAN  
SEAC- TN

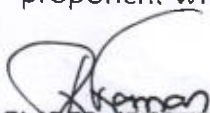
project site with at least 3 meters wide and in between blocks in an organized manner

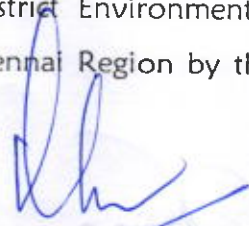
13. **Noise and Vibration Related:** (i) The Proponent shall carry out only the Controlled Blasting operation using NONEL shock tube initiation system during daytime. Usage of other initiation systems such as detonating cord/fuse, safety fuse, ordinary detonators, cord relays, should be avoided in the 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.

  
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17. The proponent shall ensure that the transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village Road and shall take adequate safety precautionary measures while the vehicles are passing through the schools / hospital. The Project proponent shall ensure that the road may not be damaged due to transportation of the quarried rough stones; and transport of rough stones will be as per IRC Guidelines with respect to complying with traffic congestion and density.
18. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of the mining operation.
19. After mining operations are completed, the mine closure activities as indicated in the mine closure plan shall be strictly carried out by the Proponent fulfilling the necessary actions as assured in the Environmental Management Plan.
20. The Project proponent shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition that is fit for the growth of fodder, flora, fauna etc.
21. The Project proponent shall comply with the provisions of the Mines Act, 1952, MMR 1961 and Mines Rules 1955 for ensuring safety, health and welfare of the people working in the mines and the surrounding habitants.
22. The project proponent shall ensure that the provisions of the MMRD, 1956, the MCDR 2017 and Tamil Nadu Minor Mineral Concession Rules 1959 are complied by carrying out the quarrying operations in a skillful, scientific and systematic manner keeping in view proper safety of the labour, structure and the public and public works located in that vicinity of the quarrying area and in a manner to preserve the environment and ecology of the area.
23. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be informed to the District AD/DD(Geology and Mining) District Environmental Engineer (TNPCB) and the Director of Mines Safety (DMS), Chennai Region by the proponent without fail.

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

  
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## Appendix -I

### List of Native Trees Suggested for Planting

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

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

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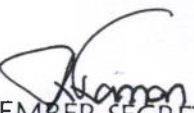
  
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**Appendix-II**  
**Display Board**  
**(Size 6' x5' with Blue Background and White Letters)**

-----சுரங்கம்

சுரங்கங்களில் குவாரி செயல்பாடுகளுக்கான சுற்றுச்சூழல் அனுமதி கீழ்க்கண்ட நியந்தனைகளுக்கு உட்பட்டு வழங்கப்பட்டுள்ளது SEIAA/-----, தேதியிடப்பட்டு, சுற்றுச்சூழல் அனுமதி \_\_\_\_\_தேதி வரை செல்லத்தக்கதாக உள்ளது.

புகைம பகுதி வளர்ச்சி மேம்பாட்டுக்கான சுரங்கத் திட்டம்  நடப்பட்டு பராமரிக்கப்படவேண்டிய மரங்கள் எண்ணிக்கை:	குவாரியின் எல்லையைச் சுற்றி வேலி அமைக்க வேண்டும்.
	சுரங்கப்பாதையின் ஆழம் தரைமட்டத்திலிருந்து _____மீட்டர்க்கு மிகாமல் இருக்க வேண்டும்.
	காற்றில் மாசு ஏற்படாதவாறு சுரங்க பணிகளை மேற்கொள்ள வேண்டும்.
	வாகனங்கள் செல்லும் பாதையில் மாசு ஏற்படாத அளவிற்கு தண்ணீரை முறையாக தண்ணீர் லாரிகளின் மூலமாக அவ்வப்போது தெளிக்க வேண்டும்.
	இரைச்சல் அளவையும் தூசி மாசுபாட்டையும் குறைப்பதற்காக குவாரியின் எல்லையை சுற்றி அடர்த்தியான புகைம பகுதியை ஏற்படுத்த வேண்டும்.
	சுரங்கத்தில் வெடி வைக்கும்பொழுது நிலஅதிர்வுகள் ஏற்படாதவாறும் மற்றும் சுற்கள் பறக்காதவாரும் பாதுகாப்பு நடவடிக்கைகளை உன்னிப்பாக செயல்படுத்தப்பட வேண்டும்.
	சுரங்கத்தில் இருந்து ஏற்படும் இரைச்சல் அளவு 85 டெசிபல்ஸ் (dBA) அளவிற்கு மேல் ஏற்படாதவாறு தகுந்த கட்டுப்பாடுகளை மேற் கொள்ள வேண்டும்.
	சுரங்க சட்ட விதிகள் 1955ன் கீழ் சுரங்கத்தில் உள்ள பணியார்களுக்கு தகுந்த பாதுகாப்பு கருவிகள் வழங்குவதோடு சுகாதாரமுள்ள கழிப்பறை வசதிகளை செய்து தர வேண்டும்.
	கிராமம் அல்லது பஞ்சாயத்து வழியாக வாகனங்கள் செல்லும் சாலையை தொடர்ந்து நன்கு பராமரிக்க வேண்டும்.
	சுரங்கப்பணிகளால் அருகில் உள்ள விவசாயப் பணிகள் மற்றும் நீர்நிலைகள் பாதிக்கப்படக் கூடாது.
	நீர்நிலைகள் 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 முடித்தபின்னர் சுரங்கப் பகுதி மற்றும் சுரங்க நடவடிக்கைகளால் இடையூறு ஏற்படக்கூடிய வேறு எந்தப் பகுதியையும் மறுகட்டுமானம் செய்து தாவரங்கள் விலங்குகள் ஆகியவற்றின் வளர்ச்சிக்கு ஏற்ற வகையில் புகைமப்பகுதியை உருவாக்க வேண்டும்.
	முழுமையான நியந்தனைகளை அறிய பாரிவேஷ் ( <a href="http://parivesh.nic.in">http://parivesh.nic.in</a> ) என்கிற இணையதளத்தைப் பார்வையிடவும். மேலும் எந்தவித சுற்றுச்சூழல் சார்ந்த புகார்களுக்கும் சென்னையில் உள்ள சுற்றுச்சூழல் மற்றும் வன அமைச்சகத்தின் ஒருங்கிணைந்த வட்டார அலுவலகம்: 044 - 28222325 (அல்லது) தமிழ்நாடு மாசு கட்டுப்பாடு வாரியத்தின் மாவட்ட சுற்றுச்சூழல் பொறியாளரை அணுகவும்.

  
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