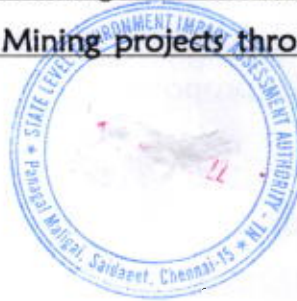


STATE EXPERT APPRAISAL COMMITTEE – TAMIL NADU

Minutes of the Meeting of 267th State Expert Appraisal Committee (SEAC) held on 28th April 2022 (Thursday) at SEIAA Conference Hall, 2nd Floor, Panagal Maligai, Saidapet, Chennai 600 015 for Appraisal of Building and Construction Projects, Townships and Area Development Projects & Mining projects through online and offline mode.



Agenda No: 267-01

(File No: 7921/2020)

Proposed Earth quarry project over an extent of 2.65.5 Ha in S.F.Nos. 1070/1B & 1071/2 at Palavoor Part -1 Village, Radhapuram Taluk, Tirunelveli District, Tamil Nadu by Thiru.T.Sivamiras - For Environmental Clearance.


(SIA/TN/MIN/173771/2020 dated: 07.10.2020)

The SEAC noted the following:

1. The project proponent, Thiru.T.Sivamiras has applied for Environmental Clearance for the proposed Earth quarry lease over an extent of 2.65.5 ha at S.F.Nos. 1070/1B & 1071/2 of Palavoor Part -1 Village , Radhapuram Taluk, Tirunelveli District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.

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


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life Sanctuaries, Tiger Reserves, Elephant corridors and Reserve Forests".

The Committee noted that the Tekkumalai West Reserve Forest is located within 1km from this project site and close to Tiger reserve and the proposal is, therefore, hit by the above G.O. The Committee, therefore, decided **not to recommend** the proposal.

Agenda No: 267-02


(File No: 8054/2020)

Proposed Rough stone and Gravel quarry project over an extent of 1.53.79 Ha in S.F.Nos. 252/1B at Poomalur Village , Palladam Taluk, Tiruppur District, Tamil Nadu by Thiru. M.Prakash - For Environmental Clearance.

(SIA/TN/MIN/58460/2020 dated: 22.09.2021)

The SEAC noted the following:

1. The project proponent, Thiru. M.Prakash has applied for Environmental Clearance for the proposed Rough stone & Gravel quarry lease over an extent of 1.53.79 ha at S.F.Nos. 252/1B of Poomalur Village, Palladam Taluk, Tiruppur District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
3. As per mining plan the the lease period is for 5 years and the total quantity of recoverable should not exceed 68,780 cu.m of rough stone and 17,600 cu.m of gravel with an ultimate depth of mining is 12m (2m Gravel + 10m Rough stone) below ground level. The annual peak production as per mining plan is 13,700 cu.m of rough stone and 7200 cu.m of gravel.
4. ToR was issued vide Lr.No.SEIAA-TN/F.No.8054/SEAC/ToR-854/2020, Dated: 22.02.2019.
5. Public hearing was conducted on 16.08.2021.



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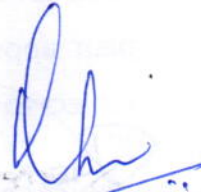

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Based on the presentation and documents furnished by the project proponent, SEAC decided to **recommend the proposal for the grant of Environmental Clearance**, subject to the standard conditions as per the **Annexure** of this minutes & normal conditions 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 the EMP as committed.
3. As accepted by the Project Proponent the revised CER cost is Rs. 5 lakhs and the amount shall be spent for the following activities in Panchayat Union Primary School, Naduvelampalayam, Tiruppur before obtaining CTO from TNPCB.

Sl. No.	Description
1	Renovation of classrooms roof and laying cooling toilets.
2	Painting of Classrooms.
3	Reconstructing of roofing where necessary.
4	Providing racks and environment related charts and books to School library.
5	Trr plantation in and around the school.
6	Renovation of existing toilets.


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Agenda No: 267-03

(File No: 8111/2020)

Proposed Rough stone quarry project over an extent of 1.79.0 Ha in S.F.Nos. 556/1& 557 at Panchakshipuram Village , Hosur Taluk, Krishnagiri District, Tamil Nadu by Thiru. M.K.Ravikiran - For Environmental Clearance.

(SIA/TN/MIN/53494/2020 dated: 05.10.2021)

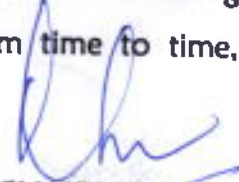
The SEAC noted the following:

1. The project proponent, Thiru. M.K.Ravikiran has applied for Environmental Clearance for the proposed Rough stone quarry lease over an extent of 1.79.0 ha at S.F.Nos. 556/1& 557 of Panchakshipuram Village, Hosur Taluk, Krishnagiri District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
3. As per mining plan the the lease period is for 5 years and the total quantity of recoverable should not exceed 5.86,523 cu.m of rough stone with an ultimate depth of mining is 50.5m . The annual peak production as per mining plan is 159733cu.m of rough stone.
4. ToR was issued vide Lr.No.SEIAA-TN/F.No.8111/SEAC/ToR-937/2020, Dated:16.04.2021.
5. Public hearing was conducted on 13.08.2021.

Based on the presentation and document 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** of this minutes & normal conditions stipulated by MOEF&CC, in addition to the following specific conditions:

1. The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier.


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2. 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 the EMP as committed.
3. As accepted by the Project Proponent the revised CER cost is Rs. 5 lakhs and the amount shall be spent for the following activities in Government School, Panchakshipuram Village before obtaining CTO from TNPCB.

Sl. No.	Description
1	Renovation or reconstruction of toilets.
2	Providing environment related books to school library.
3	Tree plantation in and around the school.
4	Construction of School compound wall with terracotta paintings.

Agenda No: 267-04

(File No: 8125/2020)

Proposed Earth quarry lease over an extent of 4.86.0 Ha at S.F.No. 75(P) of Vadaku Valliyoor Part – II Village, Radhapuram Taluk, Tirunelveli District, Tamil Nadu by Tmt.A.Poomani- For Environmental Clearance.

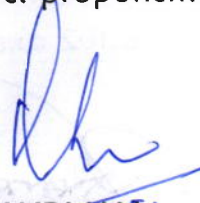
(SIA/TN/MIN/186447/2020 Dt.10.12.2020)

The SEAC noted the following:

1. The project proponent, Tmt.A.Poomani has applied for Environmental Clearance for the proposed Earth quarry lease over an extent of 4.86.0 ha at S.F.Nos. 75(P) of Vadaku Valliyoor Part – II Village, Radhapuram Taluk, Tirunelveli District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.

Based on the presentation and documents furnished by the project proponent, SEAC noted that,


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- i. The Kalakad Mundanthurai Tiger reserve is located at a distance of 3.6km from the project site. The Kanyakumari Wild Life Sanctuary is also located at a distance of 5km from the project site.
- ii. Soil analysis report reveals, there is a predominance presence of sand and in terms of the directions issued by the Director of Geology and Mining, Government of Tamil Nadu, in his letter No. 7240/MM6/2019 Dt. 30.7.2021, to his field officers, "no quarry lease shall be granted in areas where the test results indicate the presence of sand in the composition."

Hence SEAC decided not to recommend the proposal for the grant of Environmental Clearance for the above reasons.

Agenda No: 267-05

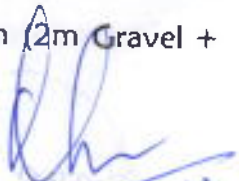
(File No: 8179/2020)

Proposed Rough stone and Gravel quarry project over an extent of 0.90.25 Ha in S.F.Nos. 176/2, 176/3 (P) & 176/11 (P) at Marapparai Village , Tiruchengode Taluk, Namakkal District, Tamil Nadu by Thiru. M.Krishnan- For Environmental Clearance. (SIA/TN/MIN/59394/2020 dated: 20.01.2022)

The SEAC noted the following:

1. The project proponent, Thiru. M.Krishnan has applied for Environmental Clearance for the proposed Rough stone & Gravel quarry lease over an extent of 0.90.25 ha at S.F.Nos. 176/2, 176/3 (P) & 176/11 (P) of Marapparai Village , Tiruchengode Taluk, Namakkal District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
3. As per mining plan the the lease period is for 5 years and that the total quantity of recoverable should not exceed 1,06,675 cu.m of rough stone and 3,102 cu.m of gravel with an ultimate depth of mining is 32m (2m Gravel +


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30m Rough stone) below ground level. The annual peak production as per mining plan is 22,870 cu.m of rough stone and 1,222 cu.m of gravel.

Based on the presentation and documents furnished by the project proponent, SEAC noted that, there are some houses located near the project site and the same has been raised during public hearing and hence SEAC decided to conduct an on-the-spot site-inspection by the sub-committee members to verify the facts. On receipt of the inspection report, SEAC would further deliberate on the project and decide the further course of action.

Agenda No: 267-06

(File No: 8241/2021)

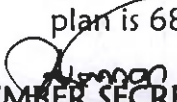
Proposed Rough Stone Quarry over an extent of 2.43.0 Ha in SF.No. 1007/1 & 1008/1A4, Virachilai I Pit Village, Thirumayam Taluk, Pudukottai District by Thiru.K.Muthaiah - For Environmental Clearance .

(SIA/TN/MIN/193581/2021 dated. 19.01.2021)

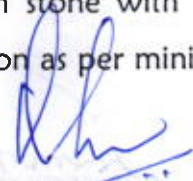
The proposal was placed in the 253rd SEAC Meeting held on 11.03.2022. The details of the minutes are given on the website (parivesh.nic.in).

The SEAC noted the following:

1. The Project Proponent, Thiru.K.Muthaiah has applied for Environmental Clearance for the Proposed Rough Stone over an extent of 2.43.0 Ha in SF.No. 1007/1 & 1008/1A4, Virachilai I Pit Village, Thirumayam Taluk, Pudukottai District Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) " Mining of mineral of the Schedule to the EIA Notification, 2006.
3. As per mining plan the the lease period is for 5 years and the total quantity of recoverable should not exceed 2,79,584 cu.m of rough stone with an ultimate depth of mining is 42m . The annual peak production as per mining plan is 68,306cu.m of rough stone.


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The proposal was placed in the 497th Authority Meeting held on 07.4.2022.

After detailed discussions, Authority noted from the minutes of the 253rd SEAC Meeting held on 11.3.2022. SEAC decided to recommend the proposal for the grant of Environmental Clearance for production for 5 years not exceeds 279584 m³ of rough stone and 5710 m³ of Top soil with proposed depth of 42m, subject to certain conditions, one among others:

- a) The proponent shall furnish certified EC compliance report to TNPCB before obtaining CTO and copy furnished to SEIAA-TN.

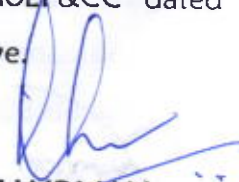
In view of above conditions stated by SEAC, SEIAA noted MoEF&CC, GoI has issued Office Memorandum vide F.No.J-11011/618/2010-IA-II (I) dated: 30.05.2012 has stated that,

"...2. It has been now decided that while submitting the application for consideration for grant of environmental clearance of all expansion projects under the EIA Notification, 2006, the project proponent shall henceforth submit a certified report of the status of compliance of the conditions stipulated in the environmental clearance for the ongoing / existing operation of the project by the Regional Offices of the Ministry of Environment and Forests.

3. The status of compliance of the conditions stipulated in the environmental clearance as highlighted in the report(s) will be subsequently discussed by the respective Expert Appraisal Committees during the appraisal of the expansion proposal and duly recorded in the minutes of the meeting. Applications for expansion project received without the compliance status as mentioned in para no.2 above shall not be accepted and placed for consideration before the Expert Appraisal Committees."

In view of the above, Authority decided to refer back the proposal to SEAC to consider this proposal as per the O.M issued by MoEF&CC dated 30.05.2012 & 07.09.2017 as mentioned in Para 3 stated above.


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Now the proposal was placed in the 267th SEAC Meeting held on 28.04.2022. The SEAC decided that, although the O.M referred to by SEIAA above is applicable to expansion/ongoing projects only, the project proponent shall submit certified compliance report for the earlier EC obtained by the PP.

- (i) In addition, a letter from the concerned District Forest Officer stating the exact distance of location of proposed quarry to the nearest Paniyur R.F.

On receipt of the aforesaid details, SEAC would further deliberate on the project and decide the further course of action.

Agenda No: 267-07


(File No: 8250/2021)

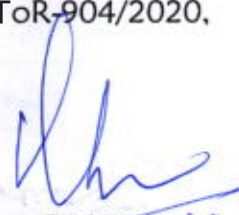
Proposed Rough stone and Gravel quarry project over an extent of 1.62.0Ha in S.F.Nos. 387/1B1 at Morattupalayam Village , Uthukuli Taluk, Tiruppur District, Tamil Nadu by Thiru. S.Raju - For Environmental Clearance.

(SIA/TN/MIN/59973/2021 dated: 27.09.2021)

The SEAC noted the following:

1. The project proponent, Thiru. S.Raju has applied for Environmental Clearance for the proposed Rough stone & Gravel quarry lease over an extent of 1.62.0ha at S.F.Nos. 387/1B1 of Morattupalayam Village, Uthukuli Taluk, Tiruppur District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
3. As per mining plan the the lease period is for 5 years and the total quantity of recoverable should not exceed 68,425 cu.m of rough stone with an ultimate depth of mining is 32m below ground level. The annual peak production as per mining plan is 15990 cu.m of rough stone.
4. ToR was issued vide Lr.No.SEIAA-TN/F.No.8250/SEAC/ToR-904/2020, Dated: 16.03.2021.
5. Public was hearing conducted on 23.8.2021.


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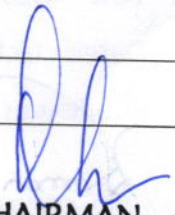

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Based on the presentation and document furnished by the project proponent, SEAC decided to **recommend the proposal for the grant of Environmental Clearance**, subject to the standard conditions as per the **Annexure** of this minutes & normal conditions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

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

Sl. No.	Description
1	Renovation of existing boy's and girl's toilets.
2	Re construction of hand washing tank with tap facilities.
3	Providing of Drinking water facilities.
4	Napkin incinerator machine in girl's toilet.
5	Providing Environment related books for school library.
6	Painting for the classrooms.
7	Avenue plantations in and around the School.


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Agenda No: 267-08

(File No: 8268/2021)

Proposed Rough stone and Gravel quarry project over an extent of 1.16.0 Ha in S.F.No. 22/2 at Marapparai Village, Tiruchengode Taluk, Namakkal District, Tamil Nadu by Thiru. S. Nandhakumar- For Environmental Clearance.

(SIA/TN/MIN/60076/2021 dated: 29.01.2022)

The SEAC noted the following:

1. The project proponent, Thiru. S. Nandhakumar has applied for Environmental Clearance for the proposed Rough stone & Gravel quarry lease over an extent of 1.16.0 ha at S.F.No. 22/2 of Marapparai Village, Tiruchengode Taluk, Namakkal District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.

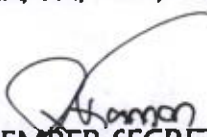
Based on the presentation and documents furnished by the project proponent, SEAC noted that, there are some houses located near the project site and the same has been raised during public hearing and hence SEAC decided to conduct an on-the-spot site-inspection by the sub-committee members to verify the facts. On receipt of the inspection report, SEAC would further deliberate on the project and decide the further course of action.

Agenda No: 267-09

(File No: 8325/2021)

Proposed Rough stone and Gravel quarry project over an extent of 1.35.0 Ha in S.F.Nos. 172/9, 172/10, 172/11, 172/12 & 172/13 at Kallur Village , Tittagudi Taluk, Cuddalore District, Tamil Nadu by Thiru. P.Arul- For Environmental Clearance.

(SIA/TN/MIN/196404/2021 dated: 04.02.2021)


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The SEAC noted the following:

1. The project proponent, Thiru. P.Arul has applied for Environmental Clearance for the proposed Rough stone & Gravel quarry lease over an extent of 1.35.0 ha at S.F.Nos. 172/9, 172/10, 172/11, 172/12 & 172/13 of Kallur Village, Tittagudi Taluk, Cuddalore District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
3. As per mining plan the the lease period is for 5 years and the total quantity of recoverable should not exceed 1,15,520 cu.m of rough stone and 9,108 cu.m of gravel with an ultimate depth of mining is 37m (2m Gravel + 35m Rough stone) below ground level. The annual peak production as per mining plan is 24550cu.m of rough stone and 3864cu.m of gravel.

Based on the presentation and document 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** of this minutes & normal conditions stipulated by MOEF&CC, in addition to the following specific conditions:

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


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Sl. No.	Description
1	Construction of toilets for both boys and girls.
2	Carrying out avenue plantation in the meikkal poramboke land in consultation with Panchayat authorities.
3	Providing drinking water facilities RO units to school.
4	Painting of compound wall with terracotta paintings.
5	Providing environmental related books to library.

Agenda No: 267-10

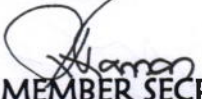
(File No: 8329/2021)

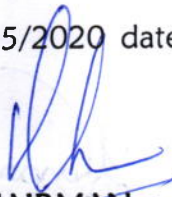
Proposed Multi Coloured Granite quarry project over an extent of 2.28.5 Ha in S.F.No. 503/1 at Sithampoondi Village , Paramathivelur Taluk, Namakkal District, Tamil Nadu by Thiru. M. Sengottuvel - For Environmental Clearance.

(SIA/TN/MIN/69523/2021 dated: 27.11.2021)

The SEAC noted the following:

1. The project proponent, Thiru. M. Sengottuvel has applied for Environmental Clearance for the proposed Multi Coloured Granite quarry lease over an extent of 2.28.5 ha at S.F.Nos. 503/1 of Sithampoondi Village , Paramathivelur Taluk, Namakkal District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
3. As per mining plan the the lease period is for 20 years and for the period of five years the total quantity of recoverable should not exceed 28.310cu.m RoM of Multi Coloured Granite recoverable reserves with an ultimate depth of mining is 33m below ground level. The Annual peak production as per mining plan is 3753 cu.m of Multi Coloured Granite.
4. ToR was issued vide Lr.No.SEIAA-TN/F.No.8329/SEAC/ToR-955/2020 dated 03.05.2021.


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5. Public hearing was conducted on 23.09.2021.

Based on the presentation and document 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** 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 the EMP as committed.
3. As accepted by the Project Proponent the revised CER cost is Rs. 10 lakhs and the amount shall be spent for the following activities in Government Higher Secondary School, Sithampoondi village before obtaining CTO from TNPCB.

Sl. No.	Description
1	Construction / Renovation of Toilets, including installation of incinerator in girl's toilet.
2	Carrying out plantation in the Meikkal poramboke land in consultation with panchayat authorities.
3	Providing environmental related books to the school library.
5	Planting of trees and maintaining Nandhavanam in the village in consultation with the Village Panchayat concerned.


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Agenda No: 267-11

(File No: 8428/2021)

Proposed Rough stone and Gravel quarry project over an extent of 3.00.0 Ha in S.F.No. 67(P) at Paladurai Village , Madukkarai Taluk, Coimbatore District, Tamil Nadu by Thiru. .A. Senthilkumar - For Environmental Clearance.


(SIA/TN/MIN/ 61497/2021 dated: 19.01.2022)

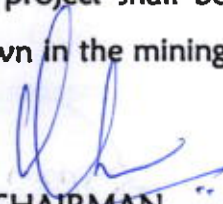
The SEAC noted the following:

1. The project proponent, Thiru. A. Senthilkumar has applied for Environmental Clearance for the proposed Rough stone & Gravel quarry lease over an extent of 3.00.0 ha at S.F.No. 67(P) of Paladurai Village, Madukkarai Taluk, Coimbatore District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
3. As per mining plan the the lease period is for 5 years and the total quantity of recoverable should not exceed 4,25,654 cu.m of rough stone and 34,312 cu.m of gravel with an ultimate depth of mining is 42m(2m Gravel + 40m Rough stone) below ground level. The annual peak production as per mining plan is 111370cu.m of rough stone and 12928cu.m of gravel.
4. ToR was issued vide - Lr No - SEIAA-TN/F.No.8428/SEAC/ToR-983/2021 Dated: 05.07.2021.
5. Public hearing was conducted on 25.11.2021.

Based on the presentation and document 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 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


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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 the EMP as committed.
3. As accepted by the Project Proponent the revised CER cost is Rs. 5 lakhs and the amount shall be spent for the following activities in Government School, Palathurai Village before obtaining CTO from TNPCB.

Sl. No.	Description
1	Construction of/repairs to boy's and girl's toilets.
2	Providing environmental awareness books to the library.
3	Avenue plantation in and around the school boundary.
4	Renovation of school compound with terracotta painting.

Agenda No: 267-12

(File No: 8540/2021)

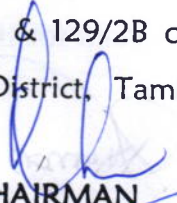
Proposed Rough stone and Gravel quarry project over an extent of 4.60.0 Ha in S.F.Nos. 98/1, 98/2,125/1,125/2,128/2,129/2A & 129/2B at Munneerpallam Village , Palayamkottai Taluk, Tirunelveli District, Tamil Nadu by Thiru. S.Antony Stalin - For Environmental Clearance.

(SIA/TN/MIN/210378/2021 dated: 26.04.2021)

The SEAC noted the following:

1. The project proponent, Thiru. S.Antony Stalin has applied for Environmental Clearance for the proposed Rough stone & Gravel quarry lease over an extent of 4.60.0 ha at S.F.Nos. 98/1, 98/2,125/1,125/2,128/2,129/2A & 129/2B of Munneerpallam Village , Palayamkottai Taluk, Tirunelveli District, Tamil


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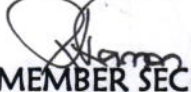
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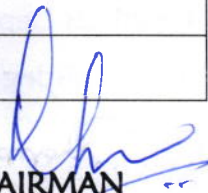
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
3. As per mining plan the the lease period is for 5 years and the quantity of recoverable should not exceed 5,77,760 cu.m of rough stone, 96,342.75 cu.m of gravel with an ultimate depth of mining is 35m below ground level. The annual peak production as per mining plan is 147220cu.m of rough stone and 55413.75cu.m of gravel.

Based on the presentation and document 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** 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 the EMP as committed.
3. As accepted by the Project Proponent the revised CER cost is Rs. 5 lakhs and the amount shall be spent for the following activities in Government higher secondary school, Munneerpallam, Tirunelveli before obtaining CTO from TNPCB.

Sl. No.	Description
1	Renovation of existing boy's and girl's toilets.
2	Providing environmental related books to the school library.


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3	Carrying out Avenue plantation in the school boundary.
4	Avenue plantation in the meikkal poramboke land after consultation with Panchayat authorities.
5	Terracotta painting of School compound walls.

Agenda No: 267-13

(File No: 8578/2021)

Proposed Rough stone and Gravel quarry project over an extent of 1.07.5 Ha in S.F.Nos. 69/5, 69/6, 69/7, 69/8, 69/9, 69/10, 69/11 & 69/12A at Perumukkal Village , Marakkanam Taluk, Viluppuram District, Tamil Nadu by Tmt. S.Sarasu - For Environmental Clearance.

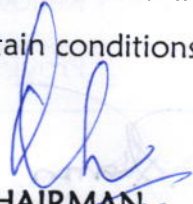
(SIA/TN/MIN/ 216622/2021 dated: 24.06.2021)

The SEAC noted the following:

1. The project proponent, Tmt. S.Sarasu has applied for Environmental Clearance for the proposed Rough stone & Gravel quarry lease over an extent of 1.07.5 ha at S.F.Nos. 69/5, 69/6, 69/7, 69/8, 69/9, 69/10, 69/11 & 69/12A of Perumukkal Village , Marakkanam Taluk, Viluppuram District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
3. As per mining plan the the lease period is for 10 years and that the total quantity of recoverable should not exceed 11,710 cu.m of rough stone and 19,135 cu.m of gravel with an ultimate depth of mining is 25m (5m Gravel + 20m Rough Stone) below ground level. The annual peak production as per mining plan is 2700cu.m of rough stone and 8320cu.m of gravel.

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.


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“ ... 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 Kilsevir Reserve Forest is located at a distance of 920m 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: 267-14

(File No: 8610/2021)

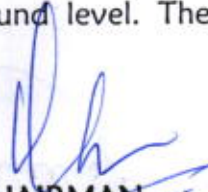
Proposed Rough stone and Gravel quarry project over an extent of 2.48.5 Ha in S.F.Nos. 1101, 1102, 1103/1, 1103/2, 1103/3, 1104/2A & 1104/2B at Kullapuram Village , Periyakulam Taluk, Theni District, Tamil Nadu by Thiru. K.Jeganathan - For Environmental Clearance.

(SIA/TN/MIN/211274/2021 dated: 16.07.2021)

The SEAC noted the following:

1. The project proponent, Thiru. K.Jeganathan has applied for Environmental Clearance for the proposed Rough stone & Gravel quarry lease over an extent of 2.48.5 ha at S.F.Nos. 1101, 1102, 1103/1, 1103/2, 1103/3, 1104/2A & 1104/2B of Kullapuram Village , Periyakulam Taluk, Theni District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
3. As per mining plan the the lease period is for 5 years and total quantity of recoverable should not exceed 2,55,034 cu.m of rough stone, 14,978 cu.m of gravel with an ultimate depth of mining is 38m below ground level. The


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annual peak production as per mining plan is 54,690 cu.m of rough stone and 12166cu.m of gravel.

Based on the presentation and document 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** of this minutes & normal conditions stipulated by MOEF&CC, in addition to the following specific conditions:

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

Sl. No.	Description
1	Tree plantation in and around the school.
2	Repairing / renovation of toilet buildings.
3	Provision drinking water facility.
4	Repair works to floor & roof of classrooms.
5	Supply of racks and books to school library.
6	Construction of compound wall.


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Agenda No: 267-15

(File No: 8737/2021)

Proposed Rough stone and Gravel quarry project over an extent of 1.51.0 Ha in S.F.Nos. 132/1, 132/2A, 132/2B, 132/3 and 132/4 at Chetthuppattu Village , Kundrathur Taluk, Kanchipuram District, Tamil Nadu by Thiru. C. Saravanan - For Environmental Clearance.

(SIA/TN/MIN/225707/2021 dated: 20.08.2021)


The SEAC noted the following:

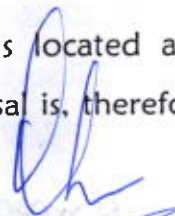
1. The project proponent, Thiru. C. Saravanan has applied for Environmental Clearance for the proposed Rough stone & Gravel quarry lease over an extent of 1.51.0 ha at S.F.Nos. 132/1, 132/2A, 132/2B, 132/3 and 132/4 of Chetthuppattu Village , Kundrathur Taluk, Kanchipuram District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.

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 Maganiyam Reserve Forest is located at a distance of 90m southwest from this project site and the proposal is, therefore,


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hit by the above G.O. The Committee, therefore, **decided not to recommend** the proposal.

Agenda No: 267-16

(File No: 8741/2021)

Proposed Rough stone and Gravel quarry project over an extent of 2.02.5 Ha in S.F.No. 626/3C at Kodaganallur Village , Tirunelveli Taluk, Tirunelveli District, Tamil Nadu by Thiru. P.Kumar - For Environmental Clearance.
(SIA/TN/MIN/225461/2021 dated: 24.08.2021)

The SEAC noted the following:

1. The project proponent, Thiru. P.Kumar has applied for Environmental Clearance for the proposed Rough stone & Gravel quarry lease over an extent of 2.02.5 ha at S.F.No. 626/3C of Kodaganallur Village , Tirunelveli Taluk, Tirunelveli District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.

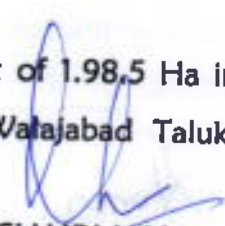
Based on the presentation and documents furnished by the project proponent, SEAC noted that the Kalakkad Mundanthurai Tiger Reserve is located at a distance of 8.7km from this project site. ESZ for this Tiger Reserve has not yet been notified and therefore, all area within the radius of 10 km from the boundary of the Reserve is the deemed sensitive area. In this case the project site falls within the distance of 10 km of ecologically sensitive area and the Committee, therefore, **decided not to recommend** the proposal.

Agenda No: 267-17

(File No: 8744/2021)

Proposed Rough stone and Gravel quarry project over an extent of 1.98.5 Ha in S.F.Nos. 588/1B1, 589/2 & 591/2 at Magaral "B" Village , Walajabad Taluk,


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Kancheepuram District, Tamil Nadu by Thiru. N.Selvaganapathy - For Environmental Clearance.


(SIA/TN/MIN/226353/2021 dated: 25.08.2021)

The SEAC noted the following:

1. The project proponent, Thiru. N.Selvaganapathy has applied for Environmental Clearance for the proposed Rough stone & Gravel quarry lease over an extent of 1.98.5 ha at S.F.Nos. 588/1B1, 589/2 & 591/2 of Magaral "B" Village , Walajabad Taluk, Kancheepuram District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
3. As per mining plan the the lease period is for 5 years and the total quantity of recoverable should not exceed 1,35,770 cu.m of rough stone and 14,774 cu.m of gravel with an ultimate depth of mining is 42m (2m Gravel + 40m Rough stone) below ground level. The annual peak production as per mining plan is 28,375 cu.m of rough stone and 7,298cu.m of gravel.

Based on the presentation and document 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** 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 the EMP as committed.


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3. As accepted by the Project Proponent the revised CER cost is Rs. 5 lakhs and the amount shall be spent for the following activities in Government School, Kallur Village before obtaining CTO from TNPCB.

Sl. No.	Description
1	Construction/renovation of toilets.
2	Carrying out avenue plantation in the meikkal poramboke land in consultation with the concerned Village Panchayat.
3	Providing drinking water facilities RO units to school.
4	Painting of compound wall with terracotta paintings.
5	Providing Environmental related books to the school library.

Agenda No: 267-18

(File No: 8751/2021)

Proposed Rough stone and Gravel quarry project over an extent of 2.29.5 Ha in S.F.Nos. 271/6, 272/2 (P), 272/3 & 272/4 (P) at Thoppampalayam Village, Sathyamangalam Taluk, Erode District, Tamil Nadu by Thiru. N.Thangavel - For Environmental Clearance.

(SIA/TN/MIN/226203/2021 dated: 24.08.2021)

The SEAC noted the following:

1. The project proponent, Thiru. N.Thangavel has applied for Environmental Clearance for the proposed Rough stone & Gravel quarry lease over an extent of 2.29.5 ha at S.F.Nos. 271/6, 272/2 (P), 272/3 & 272/4 (P) of Thoppampalayam Village, Sathyamangalam Taluk, Erode District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.


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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 Velamundi is located at a distance of 100m 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: 267-19


(File No: 8753/2021)

Proposed Rough stone and Gravel quarry project over an extent of 0.98.5 Ha in S.F.Nos. 279/3A(P), 279/4(P) at Anaikulam Village , Veerakeralampudur Taluk, Tenkasi District, Tamil Nadu by Thiru. D.Sankaranarayanan - For Environmental Clearance.

(SIA/TN/MIN/225912/2021 dated: 26.08.2021)

The SEAC noted the following:

1. The project proponent, Thiru.D.Sankaranarayanan has applied for Environmental Clearance for the proposed Rough stone & Gravel quarry lease over an extent of 0.98.5 ha at S.F.Nos. 279/3A(P), 279/4(P) of Anaikulam Village , Veerakeralampudur Taluk, Tenkasi District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.


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3. As per mining plan the the lease period is for 5 years and that the total quantity of recoverable should not exceed 93,836 cu.m of rough stone and 14274 cu.m of gravel with an ultimate depth of mining is 30m below ground level. The annual peak production as per mining plan is 21,755 cu.m of rough stone and 4880cu.m of gravel.

Based on the presentation and document 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** 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 the EMP as committed.
3. As accepted by the Project Proponent the revised CER cost is Rs. 5 lakhs and the amount shall be spent for the following activities in Government School, Kallur Village before obtaining CTO from TNPCB.

Sl. No.	Description
1.	Tree plantation in and around the school.
2.	Construction/renovation of toilets.
3.	RO drinking water facility.
4.	Supply of racks and books to school library.


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Agenda No: 267-20

(File No: 8759/2021)

Proposed Rough stone and Gravel quarry project over an extent of 3.29.5 Ha in S.F.No. 118/2 & 118/3 at Mugasi Hanumanpalli 'A' Village , Modakurichi Taluk, Erode District, Tamil Nadu by Tvl. Shri Ganga Mines - For Environmental Clearance.


(SIA/TN/MIN/227081/2021 dated: 31.08.2021)

The SEAC noted the following:

1. The project proponent, Tvl. Shri Ganga Mines has applied for Environmental Clearance for the proposed Rough stone & Gravel quarry lease over an extent of 3.29.5 ha at S.F.No. 118/2 & 118/3 of Mugasi Hanumanpalli 'A' Village , Modakurichi Taluk, Erode District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
3. As per mining plan the the lease period is for 5 years and that the total quantity of recoverable should not exceed 3,29,804 cu.m of rough stone and 17,360 cu.m of gravel with an ultimate depth of mining is 49m (2m Gravel + 2m Weathered Gravel + 45m Rough stone) below ground level. The annual peak production as per mining plan is 69,984 cu.m of rough stone and 8,060cu.m of gravel.


Based on the presentation and document 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** of this minutes & normal conditions stipulated by MOEF&CC, in addition to the following specific conditions:

1. The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier.


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2. The Vellode Bird Sanctuary is located at a distance of 5.7km. As the site falls in within 10km of the sanctuary, the project proponent shall deposit an amount of Rs.10 lakhs by way of FD with the concerned Wildlife/Forest Officer for undertaking improvements to the Vellode Bird Sanctuary, before obtaining CTO from the TNPCB.
3. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere the EMP as committed.

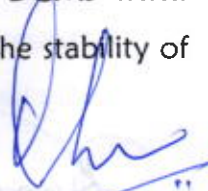

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ANNEXURE

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.


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6. The proponent shall ensure that the slope of dumps is suitably vegetated in scientific manner with the native species to maintain the slope stability, prevent erosion and surface run off. The gullies formed on slopes should be adequately taken care of as it impacts the overall stability of dumps.
7. Perennial sprinkling arrangement shall be in place on the haulage road for fugitive dust suppression. Fugitive emission measurements should be carried out during the mining operation at regular intervals and submit the consolidated report to TNPCB once in six months.
8. The Project Proponent shall carry out slope stability study by a reputed academic/research institution such as NIRM, IIT, Anna University for evaluating the safe slope angle if the proposed dump height is more than 30 meters. The slope stability report shall be submitted to concerned Regional office of MoEF&CC, Govt. of India, Chennai as well as SEIAA, Tamilnadu.
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 escapements as per the advice of local


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

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

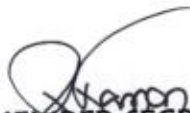
de-siltation indicating the possible silt content and size in case of any agricultural land exists around the quarry.

16. The proponent shall provide sedimentation tank / settling tank with adequate capacity for runoff management.
17. The proponent shall ensure that the transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village Road and shall take adequate safety precautionary measures while the vehicles are passing through the schools / hospital. The Project Proponent shall ensure that the road may not be damaged due to transportation of the quarried rough stones; and transport of rough stones will be as per IRC Guidelines with respect to complying with traffic congestion and density.
18. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of the mining operation.
19. After mining operations are completed, the mine closure activities as indicated in the mine closure plan shall be strictly carried out by the Proponent fulfilling the necessary actions as assured in the Environmental Management Plan.
20. The Project proponent shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition that is fit for the growth of fodder, flora, fauna etc.
21. The Project Proponent shall comply with the provisions of the Mines Act, 1952, MMR 1961 and Mines Rules 1955 for ensuring safety, health and welfare of the people working in the mines and the surrounding habitants.
22. The project proponent shall ensure that the provisions of the MMRD, 1956, the MCDR 2017 and Tamilnadu 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.


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23. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be informed to the District AD/DD (Geology and Mining) District Environmental Engineer (TNPCB) and the Director of Mines Safety (DMS), Chennai Region by the proponent without fail.
24. The Project Proponent shall abide by the annual production scheduled specified in the approved mining plan and if any deviation is observed, it will render the Project Proponent liable for legal action in accordance with Environment and Mining Laws.
25. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wildlife as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance, as per the existing law from time to time.
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 mining lease holders 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 which is fit for growth of fodder, flora, fauna etc.
28. The Project proponent shall install a Display Board at the entrance of the mining lease area/abutting the public Road, about the project information as shown in the **Appendix –II** of this minute.
29. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A.No.186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No.758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).


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Appendix - I

List of Native Trees for Planting

1. *Aegle marmelos* - Vilvam
2. *Adenaanthera pavonina* - Manjadi
3. *Albizia lebbeck* - Vaagai
4. *Albizia amara* - Usil
5. *Bauhinia purpurea* - Mantharai
6. *Bauhinia racemosa* - Aathi
7. *Bauhinia tomentosa* - Iruvathi
8. *Buchanania aillaris* - Kattuma
9. *Borassus flabellifer* - Panai
10. *Butea monosperma* - Murukka maram
11. *Bobax ceiba* - Ilavu, Sevvilavu
12. *Calophyllum inophyllum* - Punnai
13. *Cassia fistula* - Sarakondrai
14. *Cassia roxburghii* - Sengondrai
15. *Chloroxylon sweitenia* - Purasa maram
16. *Cochlospermum religiosum* - Kongu, Manjal Ilavu
17. *Cordia dichotoma* - Mookuchali maram
18. *Creteva adansonii* - Mavalingum
19. *Dillenia indica* - Uva, Uzha
20. *Dillenia pentagyna* - Siru Uva, Sitruzha
21. *Diospyros ebenum* - Karungali
22. *Diospyros chloroxylon* - Vaganai
23. *Ficus amplissima* - Kal Itchi
24. *Hibiscus tiliaceous* - Aatru poovarasu
25. *Hardwickia binata* - Aacha
26. *Holoptelia integrifolia* - Aayili
27. *Lannea coromandelica* - Odhiam
28. *Lagerstroemia speciosa* - Poo Marudhu

29. *Lepisanthus tetraphylla* - Neikottai maram
30. *Limonia acidissima* - Vila maram
31. *Litsea glutinosa* - Pisin pattai
32. *Madhuca longifolia* - Illuppai
33. *Manilkara hexandra* - Ulakkai Paalai
34. *Mimusops elengi* - Magizha maram
35. *Mitragyna parvifolia* - Kadambu
36. *Morinda pubescens* - Nuna
37. *Morinda citrifolia* - Vellai Nuna
38. *Phoenix sylvestre* - Eachai
39. *Pongamia pinnata* - Pungam
40. *Premna mollissima* - Munnai
41. *Premna serratifolia* - Narumunnai
42. *Premna tomentosa* - Purangai Naari, Pudanga Naari
43. *Prosopis cinerea* - Vanni maram
44. *Pterocarpus marsupium* - Vengai
45. *Pterospermum canescens* - Vennangu, Tada
46. *Pterospermum xylocarpum* - Polavu
47. *Puthranjiva roxburghii* - Puthranjivi
48. *Salvadora persica* - Ugaa Maram
49. *Sapindus emarginatus* - Manipungan, Soapu kai
50. *Saraca asoca* - Asoca
51. *Streblus asper* - Piraya maram
52. *Strychnos nuxvomica* - Yetti
53. *Strychnos potatorum* - Therthang Kottai
54. *Syzygium cumini* - Naval
55. *Terminalia bellerica* - Thandri
56. *Terminalia arjuna* - Ven marudhu
57. *Toona ciliate* - Sandhana vembu
58. *Thespesia populnea* - Puvarasu
59. *Walsura trifoliata* - valsura
60. *Wrightia tinctoria* - Vep

Appendix –II

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

சுரங்கம்

சுரங்கங்களில் குவாரி செயல்பாடுகளுக்கான சுற்றுத்தழல் அனுமதி கீழ்க்கண்ட நிபந்தனைகளுக்கு உட்பட்டு வழங்கப்பட்டுள்ளது SEIAA/—, தேதியிடப்பட்டு, சுற்றுத்தழல் அனுமதி தேதி வரை செல்லத்தக்கதாக உள்ளது.

பகமை பகுதி வளர்ச்சி மேம்பாட்டுக்கான சுரங்கத் திட்டம்	குவாரியின் எல்லையைச் சுற்றி வேலி அமைக்க வேண்டும்
நடப்பட்டு பராமரிக்கப்பட வேண்டிய மரங்கள் எண்ணிக்கை:	சுரங்கப்பாதையின் ஆழம் தரைமட்டத்திலிருந்து மீட்டர்க்கு மிகாமல் இருக்க வேண்டும். காற்றில் மாக ஏற்படாதவாறு சுரங்க பணிகளை மேற்கொள்ள வேண்டும். வாகனங்கள் செல்லும் பாதையில் மாக ஏற்படாத அளவிற்கு தண்ணீரை முறையாக தண்ணீர் லாரிகளின் மூலமாக அவ்வப்போது தெளிக்க வேண்டும். இரைச்சல் அளவையும் தூசி மாகபாட்டையும் குறைப்பதற்காக குவாரியின் எல்லையை சுற்றி அடர்த்தியான பகமை பகுதியை ஏற்படுத்த வேண்டும்.
சுரங்கத்தில் வெடி வைக்கும்பொழுது நில அதிர்வுகள் ஏற்படாதவாறும் மற்றும் சுற்கள் பறக்காதவாரும் பாதுகாப்பு நடவடிக்கைகளை உன்னிப்பாக செயல்படுத்தப்பட வேண்டும்.	
சுரங்கத்தில் இருந்து ஏற்படும் இரைச்சல் அளவு 85 டெசிபெல்ஸ் (dBA) அளவிற்கு மேல் ஏற்படாதவாறு தகுந்த கட்டுப்பாடுகளை மேற்கொள்ள வேண்டும்.	
சுரங்க சட்ட விதிகள் 1955ன் கீழ் சுரங்கத்தில் உள்ள பணியார்களுக்கு தகுந்த பாதுகாப்பு கருவிகள் வழங்குவதோடு காதாரமுள்ள 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 சுற்றுத்தழல் 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 விவங்குகள் ஆகியவற்றின் வளர்ச்சிக்கு ஏற்ற வகையில் பகமைப்பகுதியை உருவாக்க வேண்டும்.	
முழுமையான நிபந்தனைகளை அரிய பாரிவேஷ் (http://parivesh.nic.in) என்கிற இணையதளத்தைப் பார்வையிடவும். மேலும் எந்தவித சுற்றுத்தழல் சார்ந்த புகார்களுக்கு சென்னையில் உள்ள சுற்றுத்தழல் மற்றும் வன அமைச்சகத்தின் ஒருங்கிணைந்த வட்டார அலுவலகம்: 044 - 28222325 (அல்லது) தமிழ்நாடு மாக கட்டுப்பாடு வாரியத்தின் மாவட்ட சுற்றுத்தழல் பொறியாளரை அணுகவும்.	