

STATE EXPERT APPRAISAL COMMITTEE – TAMIL NADU

Minutes of the Meeting of 280th State Expert Appraisal Committee (SEAC) held on 2nd June 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: 280-01

(File No: 8976/2022)

Proposed Lime Kankar, Quartz & Feldspar Deposit quarry lease over an extent of 2.42.5 Ha at S.F.No.1568(Part), Pachapalayam Village, Kangayam Taluk, Tiruppur District, Tamil Nadu by M/s.Dollar Minerals Industries - For Environmental clearance.

(SIA/TN/MIN/ 254439/2022 dated 01.02.2022)

The proposal was placed for appraisal in this 280th meeting of SEAC held on 02.06.2022. The project proponent gave a detailed presentation. 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.Dollar Minerals Industries has applied seeking Environmental Clearance for the Proposed Lime Kankar, Quartz & Feldspar Deposit quarry lease over an extent of 2.42.5 Ha at S.F.No. 1568(Part), Pachapalayam Village, Kangayam Taluk, Tiruppur District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.

Based on the presentation and document furnished by the project proponent, SEAC decided to ask for the following additional details from the Project Proponent.

- (i) The project proponent shall furnish documentary evidence from the concerned District Forest Officer showing the distance between the nearest R.F and the proposed quarry site.


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- (ii) **The project proponent shall submit NOC from PWD, since PAP Canal is located abutting the project on the Northern side.**

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

Agenda No: 280-02

(File No: 8977/2022)

Proposed Lime Kankar, Quartz & Feldspar Deposit quarry lease over an extent of 1.84.0 Ha at S.F.No.1572/1, Pachapalayam Village, Kangayam Taluk, Tiruppur District, Tamil Nadu by M/s.Dollar Minerals Industries - For Environmental clearance.

(SIA/TN/MIN/ 254406/2022 dated 01.02.2022)

The proposal was placed for appraisal in this 280th meeting of SEAC held on 02.06.2022. The project proponent gave a detailed presentation. 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.Dollar Minerals Industries has applied seeking Environmental Clearance for the Proposed Lime Kankar, Quartz & Feldspar Deposit quarry lease over an extent of 1.84.0 Ha at S.F.No.1572/1, Pachapalayam Village, Kangayam Taluk, Tiruppur District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. As per mining plan, the lease period is for 10 years, the total quantity of recoverable should not exceed 24,110 Ts of Quartz @ 25%, 72,329 Ts of Feldspar @75% and limekankar is 23,713 Ts with an ultimate depth of mining is 22m (2m Topsoil with limekankar + 20m Quartz and feldspar), and the annual peak production is 5148 Ts of Quartz and 15,444Ts Feldspar & Limekankar 16,614Ts.


Based on the presentation and document furnished by the project proponent, SEAC


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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 project proponent shall operate the mines by appointing the qualified Mine Manager possessing the First Class (or) Second class mines manager's certificate of competency issued by DGMS under MMR 1961.
3. The PP shall carry out the Initial and Periodical Medical Examinations to all the persons employed in the mine including the contractual labours, as per the provisions of Mines Rules, 1955.
4. The PP shall conduct the Occupational health survey for all the persons employed in the mine including contractual labours and maintain the record indicating the status of their health condition.
5. The PP shall carry out the required measures to ensure that the persons employed in the mine are comprehensively aware of the consequences of health impacts arise from working with quartz and feldspar deposits.
6. The PP shall make necessary arrangements for all the persons working in the mine are adequately trained on Prevention of Silicosis in the programme conducted by the DGMS approved Vocational Training Centre.
7. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere to the EMP as committed.
8. As accepted by the Project Proponent the CER cost is Rs. 5 lakhs and the amount shall be spent the following activities for Panchayat Union Primary School, Senathipathipalayam, Tiruppur before obtaining CTO from TNPCB.


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Sl. No.	Description
1	Laying flooring tiles for the classrooms.
2	Construction of dining hall for students.
3	Carrying out tree plantation in the poramboke lands in consultation with panchayat authorities.

Agenda No: 280-03

(File No: 8980/2022)

Proposed Rough Stone & Gravel quarry lease over an extent of 0.82.0 Ha at S.F.No. 166/1A(Part) , Koppampatti Village, Kayathar Taluk, Thoothukudi District, Tamil Nadu by M/s.A.Ajeesh - For Environmental clearance.

(SIA/TN/MIN/253356/2022 dated 29.01.2022)


The proposal was placed for appraisal in this 280th meeting of SEAC held on 02.06.2022. The project proponent gave a detailed presentation. 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.United Blue Metals Associates has applied seeking Environmental Clearance for the Proposed Rough Stone & Gravel quarry lease over an extent of 0.82.0 Ha at S.F.No. 166/1A(Part) , Koppampatti Village, Kayathar Taluk, Thoothukudi District, TamilNadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification,2006.

Based on the presentation and document furnished by the project proponent, SEAC decided to ask for the following additional details from the Project Proponent.

- (i) PP shall produce certified EC compliance report for the existing quarry operated by the PP.


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- (ii) The project proponent shall furnish an action plan approved by the AD/Mines, DGM for realignment of benches for already mined out area.
- (iii) The project proponent shall furnish slope stability plan for the proposed mine.

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

Agenda No: 280-04

(File No: 8981/2022)

Proposed Rough Stone & Gravel quarry lease over an extent of 2.10.50 Ha at S.F.No. 164/1B & 165/1B, Koppampatti Village, Kayathar Taluk, Thoothukudi District, Tamil Nadu by M/s.United Blue Metals Associates - For Environmental clearance.

(SIA/TN/MIN/253205/2022 dated 29.01.2022)

The proposal was placed for appraisal in this 280th meeting of SEAC held on 02.06.2022. The project proponent gave a detailed presentation. 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.United Blue Metals Associates has applied seeking Environmental Clearance for the Proposed Rough Stone & Gravel quarry lease over an extent of 2.10.50 Ha at S.F.No. 164/1B & 165/1B, Koppampatti Village, Kayathar Taluk, Thoothukudi District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. As per mining plan, the the lease period is for 10 years, the total quantity of recoverable should not exceed 2,64,162 m³ of rough stone & 32,708 m³ of gravel with an ultimate depth of mining is 30m (2m Gravel + 28m Rough stone) and the annual peak production is 57,010 m³ of rough stone & 14,060 m³ of gravel.


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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 PP shall carry out the controlled blasting techniques involving maximum of two rounds of blast only per day, restricted to the maximum of 50 Nos of holes per round with maintaining maximum charge per delay of not exceeding 0.650 kg /round to ensure the environmentally acceptable blasting operation. The PP shall also ensure an interval of atleast 30 minutes is maintained between these rounds of blast.
3. The PP shall appoint the qualified Mine Manager and other statutory competent person (Blaster or Mine Mate) for carrying out the blasting operation.
4. The project proponent shall plant 300 trees with soil work in saucer shape and shall complete the fencing activity for earlier mining activity.
5. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere to the EMP as committed.
6. As accepted by the Project Proponent the CER cost is Rs. 6 lakhs and the amount shall be spent the following activities for Government Higher Secondary School, Kamanaickenpatti Village before obtaining CTO from TNPCB.


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Sl. No.	Description
1	Library books & racks.
2	RO- Water facility.
3	Improving toilet facilities (Boys & Girls).
4	School whitewash.
5	Carrying out tree plantation in and around the school.

Agenda No: 280-05

(File No: 8982/2022)

Proposed Rough stone quarry project over an extent of 2.04.0Ha in S.F.Nos. 46/2 at Panniamalai Village , Natham Taluk, Dindigul District, Tamil Nadu by Thiru. N.Ranjith - For Environmental Clearance.

(SIA/TN/MIN/248611/2021 dated: 05.01.2022)

The proposal was placed for appraisal in this 280th meeting of SEAC held on 02.06.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.N.Ranjith has applied for Environmental Clearance for the proposed Rough stone quarry lease over an extent of 2.73.5ha at S.F.No. 46/2 of Panniamalai Village , Natham Taluk, Dindigul 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.

The SEAC noted that the project proponent has not attended the meeting. Hence the subject was not taken up for discussion and the project proponent shall furnish the reason for his absence.


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Agenda No: 280-06

(File No: 8985/2022)

Proposed Rough stone and Gravel quarry project over an extent of 0.81.0Ha in S.F.Nos. 134/1A1A at Panikkarkulam Village , Kayathar Taluk, Thoothukudi District, Tamil Nadu by Thiru. P. Sheik Dawood - For Environmental Clearance.

(SIA/TN/MIN/253892/2022 dated: 29.01.2022)

The proposal was placed for appraisal in this 280th meeting of SEAC held on 02.06.2022. 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. P. Sheik Dawood has applied for Environmental Clearance for the proposed Rough stone & Gravel quarry lease over an extent of 0.81.0Ha at S.F.Nos. 134/1A1A of Panikkarkulam Village , Kayathar Taluk, Thoothukudi 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 document furnished by the project proponent, SEAC decided to ask for the following additional details from the Project Proponent.


- (i) The project proponent shall upload the approved mining plan in online portal (Parivesh website).

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

Agenda No: 280-07

(File No: 8986/2022)

Proposed Rough stone and Gravel quarry project over an extent of 2.50.73 Ha in S.F.Nos. 827/1, 828/3B (P) & 828/3C at Gurunathanaickanur Village , Dindigul West Taluk, Dindigul District, Tamil Nadu by Thiru. S.Manikkannan- For Environmental Clearance.


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(SIA/TN/MIN/254581/2022 dated: 29.01.2022)

The proposal was placed for appraisal in this 280th meeting of SEAC held on 02.06.2022. 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.Manikkannan has applied for Environmental Clearance for the proposed Rough stone & Gravel quarry lease over an extent of 2.50.73 Ha at S.F.Nos. 827/1, 828/3B (P) & 828/3C of Gurunathanaickanur Village , Dindigul West Taluk, Dindigul 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, the total quantity of recoverable should not exceed 1,96,640 m³ of Rough stone, 27,318 m³ of weathered rock & 19,036 m³ of gravel with an ultimate depth of mining is 42.5m (2.5 m of weathered rock and gravel and 40 m of rough stone) below ground level. The Annual peak production as per mining plan is 45345m³ of rough stone, 11,013 m³ of weathered rock & 7997 m³ of gravel.

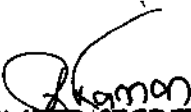
Based on the presentation and document furnished by the project proponent, SEAC, on considering safety of mining, decided to restrict the depth of mining to 37.5m on southern side (2.5 m of weathered rock and gravel and 35 m of rough stone) as ultimate pit bottom incorporating required haul road accessibility (i.e., Safety Berm, Ramp, etc). As a result, the total quantity of recoverable will be revised to 1,68,845 cu.m of Rough stone, 27,318 m³ of weathered rock & 19,036 m³ of gravel for five years. Subject to the above modification, 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:


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1. The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier.
2. The PP shall carry out the controlled blasting techniques involving line drilling & muffle blasting particularly with the objectives of controlling the ground vibration and eliminating the fly rock production towards the NW direction to ensure the environmentally acceptable blasting operation.
3. The PP shall appoint the qualified Mine Manager and other statutory competent person (Blaster or Mine Mate) for carrying out the blasting operation.
4. The PP shall submit the Slope Stability Action Plan for the quarry as the proposed depth is more than 40 m before obtaining the CTO from TNPCB.
5. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere to the EMP as committed.
6. As accepted by the Project Proponent the CER cost is Rs. 5 lakhs and the amount shall be spent the following activities for Primary Middle Class School, Gurunathanaickanur Village, Dindigul District before obtaining CTO from TNPCB.

Sl. No.	Description
1	Construction or renovation works in existing toilets.
2	Providing Environmental related books to school library.
3	Providing Drinking water facilities (R.O. Unit).
4	Tree plantation in and around the school.


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Agenda No: 280-08

(File No: 8990/2022)

Proposed Rough stone and Gravel quarry project over an extent of 0.94.0 Ha in S.F.Nos. 964/2A & 972/3 at Peranamallur Village , Vandavasi Taluk, Tiruvannamalai District, Tamil Nadu by Thiru.P.N.Annadurai- For Environmental Clearance.

(SIA/TN/MIN/254694/2022 dated: 07.02.2022)

The proposal was placed for appraisal in this 280th meeting of SEAC held on 02.06.2022. 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.P.N.Annadurai has applied for Environmental Clearance for the proposed Rough stone & Gravel quarry lease over an extent of 0.94.0 Ha at S.F.Nos. 964/2A & 972/3 of Peranamallur Village , Vandavasi Taluk, Tiruvannamalai 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. The production for the five years states that the total quantity of recoverable should not exceed 87,950 m³ of Rough stone & 19,152 m³ of gravel with an ultimate depth of mining is 33 m below ground level . The Annual peak production as per mining plan is 17750 m³ of rough stone & 10725 m³ of gravel.

Based on the presentation and document furnished by the project proponent, SEAC on considering safety of mining decided to restrict the depth of mining to 28m ultimate depth and quantity of 78,598 cu.m of Rough stone for five years with a bench height of 5m as per the approved mining plan and 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:


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1. The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier.
2. The PP shall provide two sentries at either side of the highway falling within 500 m radius of danger zone from the blasting site to ensure that no person enters (or) present in the highway during the time of blasting.
3. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere to the EMP as committed.
4. As accepted by the Project Proponent the CER cost is Rs. 5 lakhs and the amount shall be spent the following activities for Panchayat Union Middle School, Anmaruthai Village before obtaining CTO from TNPCB.

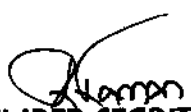
Sl. No.	Description
1	Repairing / renovation of Toilets.
2	Tree plantation in and around the school.
3	Providing drinking water facility and provision of chairs, tables and benches for students.
4	Providing racks and books for school library.


Agenda No: 280-09

(File No: 8991/2022)

Proposed Rough Stone & Gravel quarry lease over an extent of 1.00.0 Ha at S.F.No. 27/3A(P), 27/4(P), 27/5(P), 27/6 & 27/8, Mambakkam Village, Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu by Thiru.B.Gopinathan- For Environmental clearance.

(SIA/TN/MIN/254763 /2022 dated 03.02.2022)


MEMBER SECRETARY
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CHAIRMAN
SEAC- TN

The proposal was placed for appraisal in this 280th meeting of SEAC held on 02.06.2022. 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.Gopinathan has applied seeking Environmental Clearance for the Proposed Rough Stone & Gravel quarry lease over an extent of 1.00.0 Ha at S.F.No. 27/3A(P), 27/4(P), 27/5(P), 27/6 & 27/8, Mambakkam Village, Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.

Based on the presentation and document furnished by the project proponent, SEAC noted that **GAIL gas pipeline is running** at a very close distance of 64 m on the western side from the boundary of the proposed quarry and therefore, decided **not to recommend the project**.

Agenda No: 280-10

(File No: 8992/2022)

Proposed Rough stone quarry project over an extent of 1.25.0 Ha in S.F.No. 12/3(BIT-2) at Appanallur Village , Thottiam Taluk, Trichy District, Tamil Nadu by Selvi.D.Rojini - For Environmental Clearance.

(SIA/TN/MIN/255595/2022 dated: 08.02.2022)

The proposal was placed for appraisal in this 280th meeting of SEAC held on 02.06.2022. 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, Selvi.D.Rojini has applied for Environmental Clearance for the proposed Rough stone quarry lease over an extent of 1.25.0 ha at S.F.No. 12/3(BIT-2) of Appanallur Village , Thottiam Taluk,


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Trichy 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.

The SEAC noted that both project proponent and EIA co-ordinator has not attended the meeting. Hence the subject was not taken up for discussion and the project proponent shall furnish the reason for his absence.

Agenda No: 280-11

(File No: 8994/2022)

**Proposed Rough Stone & Gravel quarry lease over an extent of 3.77.0Ha at S.F.No. 409, Kodanthur (North)Village, Aravakurichi Taluk, Karur District, Tamil Nadu by Tvl. Aravinth Blue Metals - For Environmental clearance.
(SIA/TN/MIN/255464/2022 dated 07.02.2022)**

The proposal was placed for appraisal in this 280th meeting of SEAC held on 02.06.2022. 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. Aravinth Blue Metals has applied seeking Environmental Clearance for the Proposed Rough Stone & Gravel quarry lease over an extent of 3.77.0Ha at S.F.No.409, Kodanthur (North)Village, Aravakurichi Taluk, Karur District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.

Based on the presentation and document furnished by the project proponent, SEAC decided to ask for the following additional details from the Project Proponent.

- (i) The project proponent shall furnish certified compliance report obtained from TNPCB/MoEF for the quarry operated by the PP.


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- (ii) The project proponent shall furnish slope stability action plan indicating the realignment of benches (or) stability measures for the single highwall bench of 22 m existing presently in the proposed mine.

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

Agenda No: 280-12

(File No: 9001/2022)

Proposed Rough Stone & Gravel quarry lease over an extent of 3.04.5 Ha at S.F.Nos. 818/1, 818/2, 818/3 & 837/1, 837/2, 837/3, Kangarakottai Village, Vembakottai Taluk, Viruthunagar District, Tamil Nadu by Thiru.K.Gurusamy- For Environmental clearance.


(SIA/TN/MIN/256686/2022 dated 15.02.2022)

The proposal was placed for appraisal in this 280th meeting of SEAC held on 02.06.2022. 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.Gurusamy has applied seeking Environmental Clearance for the Proposed Rough Stone & Gravel quarry lease over an extent of 3.04.5 Ha at S.F.Nos. 818/1, 818/2, 818/3 & 837/1, 837/2, 837/3 Kangarakottai Village, Vembakottai Taluk, Viruthunagar District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.

Based on the presentation and document furnished by the project proponent, SEAC noted that the highly sensitive structure, namely, fireworks manufacturing & storage unit, is located at a distance of 140 m from the boundary of the proposed quarry and therefore, decided **not to recommend the project under the provisions of Indian Explosives Act, 1884 and MMR 1961.**


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Agenda No: 280-13

(File No: 9002/2022)

Proposed Rough Stone & Gravel quarry lease over an extent of 2.08.0 Ha at S.F.Nos. 59/2(P), 59/3(P), 59/4(P), 59/9 (P), 59/10, 60/2 and 60/3, Karattampatti Village, Musiri Taluk, Trichy District, Tamil Nadu by Thiru. A.Andi- For Environmental clearance.

(SIA/TN/MIN/256657/2022 dated 15.02.2022)

The proposal was placed for appraisal in this 280th meeting of SEAC held on 02.06.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Project Proponent, Thiru.A.Andi has applied seeking Environmental Clearance for the Proposed Rough Stone & Gravel quarry lease over an extent of 2.08.0 Ha at S.F.Nos. 59/2(P), 59/3(P), 59/4(P), 59/9 (P), 59/10, 60/2 and 60/3, Karattampatti Village, Musiri Taluk, Trichy District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining 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 Pulivalam Reserve Forest is located at a distance of 800m from this project site and the proposal is, therefore, hit by the above G.O. The Committee, therefore, **decided not to recommend the proposal.**


**MEMBER SECRETARY
SEAC -TN**

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SEAC- TN**

Agenda No: 280-14

(File No: 9003/2021)

Proposed Gravel quarry lease over an extent of 2.56.0 Ha at S.F.Nos. 132/1, 132/3, 133/3A, 133/3B, 133/3C & 133/4, D.Mampatti Village, Singampunari Taluk, Sivagangai District, Tamil Nadu by Thiru. H.Ghouse Mohideen - For Environmental clearance.

(SIA/TN/MIN/211234/2021 dated 04.05.2021)

The proposal was placed for appraisal in this 280th meeting of SEAC held on 02.06.2022. 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. H.Ghouse Mohideen has applied seeking Environmental Clearance for the Proposed Gravel quarry lease over an extent of 2.56.0Ha at S.F.Nos. 132/1, 132/3, 133/3A, 133/3B, 133/3C & 133/4, D.Mampatti Village, Singampunari Taluk, Sivagangai District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.

Based on the presentation and document furnished by the project proponent, SEAC decided to ask for the following additional details from the Project Proponent.

- (i) The project proponent shall furnish soil test report from NIT, Trichy.

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

Agenda No: 280-15

(File No: 9004/2022)

Proposed Rough stone quarry project over an extent of 1.20.0 Ha in S.F.No. 761/1 (P) at Mallapadi Village , Krishnagiri Taluk, Krishnagiri District, Tamil Nadu by Thiru. G.A.Muthu - For Environmental Clearance.


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(SIA/TN/MIN/255562/2022 dated: 08.02.2022)

The proposal was placed for appraisal in this 280th meeting of SEAC held on 02.06.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru. G.A.Muthu has applied for Environmental Clearance for the proposed Rough stone quarry lease over an extent of 1.20.0 ha at S.F.No. 761/1 (P) of Mallapadi Village , Krishnagiri Taluk, Krishnagiri 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 made and the documents furnished by the Project proponent, SEAC decided to make an onsite inspection by the sub-committee constituted by the SEAC to assess the present status of the proposed project, environmental settings and bio-diversity.

On receipt of the inspection report, SEAC would further deliberate on this project and decide the further course of action.


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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


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

13. **Noise and Vibration Related:** (i) The Proponent shall carry out only the Controlled Blasting operation using NONEL shock tube initiation system during daytime. Usage of other initiation systems such as detonating cord/fuse, safety fuse, ordinary detonators, cord relays, should be avoided in the blasting operation. The mitigation measures for control of ground vibrations and to arrest fly rocks should be implemented meticulously under the supervision of statutory competent persons possessing the I / II Class Mines Manager / Foreman / Blaster certificate issued by the DGMS under MMR 1961, appointed in the quarry. No secondary blasting of boulders shall be carried out in any occasions and only the Rock Breakers (or) other suitable non-explosive techniques shall be adopted if such secondary breakage is required. The Project Proponent shall provide required number of the security sentries for guarding the danger zone of 500 m radius from the site of blasting to ensure that no human/animal is present within this danger zone and also no person is allowed to enter into (or) stay in the danger zone during the blasting. (ii) Appropriate measures should be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs/muffs, (iii) Noise levels should be monitored regularly (on weekly basis) near the major sources of noise generation within the core zone.
14. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
15. The operation of the quarry should not affect the agricultural activities & water bodies near the project site and a 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



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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 compiled 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).

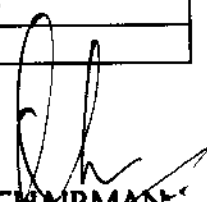

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Appendix -I
List of Native Trees Suggested for Planting

No	Scientific Name	Tamil Name	Tamil Name
1	<i>Aegle marmelos</i>	Vilvam	விலவம்
2	<i>Adenanthera pavonina</i>	Manjadi	மஞ்சாடி, ஆனைக்குன்றிமணி
3	<i>Albizia lebbek</i>	Vaagai	வாகை
4	<i>Albizia amara</i>	Usil	உசில்
5	<i>Bauhinia purpurea</i>	Mantharai	மத்தாரை
6	<i>Bauhinia racemosa</i>	Aathi	ஆத்தி
7	<i>Bauhinia tomentosa</i>	Iruvathi	இருவாத்தி
8	<i>Buchanania axillaris</i>	Kattuma	காட்டுமா
9	<i>Borassus flabellifer</i>	Panai	பனை
10	<i>Butea monosperma</i>	Murukkamaram	முருக்கமரம்
11	<i>Bobax ceiba</i>	Ilavu, Sevvilavu	இலவு
12	<i>Calophyllum inophyllum</i>	Punnai	புன்னை
13	<i>Cassia fistula</i>	Sarakondrai	சரக்கொன்றை
14	<i>Cassia roxburghii</i>	Sengondrai	செங்கொன்றை
15	<i>Chloroxylon sweitenia</i>	Purasamaram	புரச மரம்
16	<i>Cochlospermum religiosum</i>	Kongu, Manjallavu	கோங்கு, மஞ்சள் இலவு
17	<i>Cordia dichotoma</i>	Naruvuli	நருவூலி
18	<i>Creteva adansoni</i>	Mavalingum	மாவிலங்கம்
19	<i>Dillenia indica</i>	Uva, Uzha	உசா
20	<i>Dillenia pentagyna</i>	SiruUva, Sitruzha	சிறு உசா
21	<i>Diospyro sebum</i>	Karungali	கருங்காலி
22	<i>Diospyro schloroxylon</i>	Vaganai	வாகனை
23	<i>Ficus amplissima</i>	Kallitchi	கல் இச்சி
24	<i>Hibiscus tiliaceou</i>	Aatrupoovarasu	ஆற்றாப்புவரசு
25	<i>Hardwickia binata</i>	Aacha	ஆச்சா
26	<i>Holoptelia integrifolia</i>	Aayili	ஆயா மரம், ஆயிலி
27	<i>Lannea coromandelica</i>	Odham	ஒதியம்
28	<i>Lagerstroemia speciosa</i>	Poo Marudhu	பூ மருது
29	<i>Lepisanthus tetraphylla</i>	Neikottaimaram	நெய் கொட்டை மரம்
30	<i>Limonia acidissima</i>	Vila maram	விலா மரம்
31	<i>Litsea glutinos</i>	Pisinpattai	அரம்பா, பிசின்பட்டை
32	<i>Madhuca longifolia</i>	Iluppai	இலுப்பை
33	<i>Manilkara hexandra</i>	UlakkaiPaalai	உலக்கை பாலை
34	<i>Mimusops elengi</i>	Magizhamaram	மகிழமரம்
35	<i>Mitragyna parvifolia</i>	Kadambu	கடம்பு
36	<i>Morinda pubescens</i>	Nuna	நுணா
37	<i>Morinda citrifolia</i>	Vellai Nuna	வெள்ளை நுணா
38	<i>Phoenix sylvestre</i>	Eachai	ஈச்சமரம்
39	<i>Pongamia pinnat</i>	Pungam	புங்கம்


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40	<i>Premna mollissima</i>	Munnai	முன்னை
41	<i>Premna serratifolia</i>	Narumunnai	தறு முன்னை
42	<i>Premna tomentosa</i>	Malaipoovarasu	மலை பூவரசு
43	<i>Prosopis cinerea</i>	Vanni maram	வன்னி மரம்
44	<i>Pterocarpus marsupium</i>	Vengai	வேங்கை
45	<i>Pterospermum canescens</i>	Vennangu, Tada	வேன்னாங்கு
46	<i>Pterospermum xylocarpum</i>	Polavu	புலவு
47	<i>Puthranjiva roxburghii</i>	Karipala	கறிபாலா
48	<i>Salvadora persica</i>	Ugaa Maram	ஊகா மரம்
49	<i>Sapindus emarginatus</i>	Manipungan, Soapukai	மணிப்புங்கன் சோப்புக்காய்
50	<i>Saraca asoca</i>	Asoca	அசோகா
51	<i>Streblus asper</i>	Piray maram	பிராய் மரம்
52	<i>Strychnos nuxvomica</i>	Yetti	எட்டி
53	<i>Strychnos potatorum</i>	Therthang Kottai	தேத்தான் கொட்டை
54	<i>Syzygium cumini</i>	Naval	நாவல்
55	<i>Terminalia belleric</i>	Thandri	தாந்தி
56	<i>Terminalia arjuna</i>	Ven marudhu	வேன் மருது
57	<i>Toona ciliata</i>	Sandhana vembu	சந்தன வேம்பு
58	<i>Thespesia populnea</i>	Puvarasu	பூவரசு
59	<i>Walsuratrifoliata</i>	valsura	வால்கரா
60	<i>Wrightia tinctoria</i>	Veppalai	வேப்பாலை
61	<i>Pithecellobium dulce</i>	Kodukkapuli	கொடுக்காப்புளி


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Appendix –II

Display Board

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

-----சுரங்கம்

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

பகலும் பகுதி வளர்ச்சி மேம்பாட்டுக்கான சுரங்கத் திட்டம்	சுவாரியின் எல்லையைச் சுற்றி வேலி அமைக்க வேண்டும்
நடப்பட்டு பராமரிக்கப்பட வேண்டிய மரங்கள் எண்ணிக்கை:	சுரங்கப்பகுதியின் ஆழம் தரைமட்டத்திலிருந்து மீட்டர்க்கு மிகாமல் இருக்க வேண்டும். காற்றில் மாக ஏற்படாதவாறு சுரங்க பணிகளை மேற்கொள்ள வேண்டும். வாகனங்கள் செல்லும் பாதையில் மாக ஏற்படாத அளவிற்கு தண்ணீரை முறையாக தண்ணீர் லாடிகளின் மூலமாக அவ்வப்போது தெளிக்க வேண்டும். இரைச்சல் அளவையும் தூசி மாகபாட்டையும் குறைப்பதற்காக சுவாரியின் எல்லையை சுற்றி அடர்த்தியான பகலும் பகுதியை ஏற்படுத்த வேண்டும்.
சுரங்கத்தில் வெடி வைக்கும்பொழுது நில அதிர்வுகள் ஏற்படாதவாறும் மற்றும் சுற்கள் பறக்காதவாறும் பாதுகாப்பு நடவடிக்கைகளை உன்னிப்பாக செயல்படுத்தப்பட வேண்டும்.	
சுரங்கத்தில் இருந்து ஏற்படும் இரைச்சல் அளவு 85 டிசிபெல்ஸ் (dBA) அளவிற்கு மேல் ஏற்படாதவாறு தகுந்த கட்டுப்பாடுகளை மேற் கொள்ள வேண்டும்.	
சுரங்க சட்ட விதிகள் 1955ன் கீழ் சுரங்கத்தில் உள்ள பணியாளர்களுக்கு தகுந்த பாதுகாப்பு கருவிகள் வழங்குவதோடு க்காதாரமுள்ள கழிப்பறை வசதிகளை செய்து தர வேண்டும்.	
கிராமம் அல்லது பஞ்சாயத்து வறியாக வாகனங்கள் செல்லும் சாலையை தொடர்ந்து தன்கு பராமரிக்க வேண்டும்.	
சுரங்கப்பணிகளால் அருகில் உள்ள விவசாயப் பணிகள் மற்றும் தீர்தலைகள் பாதிக்கப்படக் கூடாது.	
தீர்தலைகள் பாதிக்கப்படாமல் இருப்பதை உறுதி செய்யும் வகையில் நிலத்தடி தீர்த 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 மறுபுனாமம் செய்து தாவரங்கள் விலங்குகள் ஆகியவற்றின் வளர்ச்சிக்கு ஏற்ற வகையில் பகலும்பகுதியை உருவாக்க வேண்டும்.	
முழுமையான நிபந்தனைகளை அறிய பாதிவேஷ் (http://parvesh.nic.in) என்கிற இணையதளத்தைப் பார்வையிடவும். மேலும் எந்தவித சுற்றுச்சூழல் சார்ந்த புகார்கள்க்கு சென்னையில் உள்ள சுற்றுச்சூழல் மற்றும் வன அமைச்சகத்தின் ஒருங்கிணைந்த வட்டார அலுவலகம்: 044 - 2822325 (அல்லது) தமிழ்நாடு மாக கட்டுப்பாடு வாரியத்தின் மாவட்ட சுற்றுச்சூழல் பொறிவாளரை அணுகவும்.	


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