

**STATE EXPERT APPRAISAL COMMITTEE – TAMIL NADU**

**Minutes of the Meeting of 259<sup>th</sup> State Expert Appraisal Committee (SEAC) held on 31<sup>st</sup> March 2022 (Thursday) at SEIAA Conference Hall, 2<sup>nd</sup> Floor, Panagal Maligai, Saidapet, Chennai 600 015 for Appraisal of Building and Construction Projects, Townships and Area Development projects & Mining Projects through online and offline mode.**

**Agenda No: 259-01**

**(File No: 6805/2019)**

**Proposed Rough stone and Gravel Quarry of over an extent of 12.56.5 Ha at Survey Nos. 760/1, 760/2, 762/1, 762/2A and 763 in Padmanabamangalam Village, Srivaigundam Taluk, Thoothukudi District, Tamil Nadu by Thiru.D.Mohanraj - For Environmental Clearance.**

**(SIA/TN/MIN/60859/2019, dated:16.02.2021)**

The proposal was placed for appraisal in 237<sup>th</sup> meeting of SEAC held on 08.10.2021. 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.D.Mohanraj, has applied for Environmental Clearance for the proposed rough stone and Gravel Quarry of over an extent of 12.56.5 Ha at Survey Nos. 760/1, 760/2, 762/1, 762/2A and 763 in Padmanabamangalam Village, Srivaigundam Taluk, Thoothukudi District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. ToR issued vide Lr. No. SEIAA-TN/F.No.6805/SEAC/TOR-646/2019 Dated 05.09.2019.
4. The public hearing was conducted on 17.11.2020.

  
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Based on the presentation made by the proponent and the documents furnished, SEAC decided that mining in large area of around 12.6 Ha would will have devastating effect on the life of black buck which is an endangered animal (schedule 1). Article 51E says environmental protection and protecting animal wild life is the duty of every citizen.

If the proposed mine is being carried out over the entire area there is a heavy danger that these bucks may get trapped into this mining area even with fencing and we are of opinion that the ecoservices being rendered by these endangered needs to be protected. Hence in order to protect the endangered animals which otherwise will extinct from the area, the committee is on the opinion that environmental clearance is not recommended.

Report by Ex-member Mr.B.Sugirtharaj Kovilpillai who is an expert in Forest and Wild life activities.

"Dear Sir / Madam,

*The following report is placed before the SEAC for consideration. I furnish the following details with reference to the proposal for quarrying in S.F.Nos. 760/1, 760/2, 762/1, 762/2A, & 763, Padmanabamangalam Village, Srivaikundam Taluk, Thoothukudi District for favour of kind consideration.*

*Vallanadu Blackbuck Sanctuary is the southernmost abode of blackbucks in India. This sanctuary houses varieties of animals and plants. The fauna of Vallanadu Blackbuck Sanctuary includes blackbuck, spotted deer, sambar, scaly ant eater, monitor lizard, jungle cat, grey mongoose, black naped hare, vipers, peacock, heron, grey francolin, common quail, crested hawk eagle, black winged kite, red wattled lapwing, night jar, sparrows, homed owl etc. This is an isolated hillock with scrub jungle.*

  
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*This sanctuary is dedicated for the conservation of blackbuck an endangered animal, found in the red data book of IUCN and included in schedule I of Wildlife Protection Act, 1972.*

*Blackbucks require open grassland with intermittent bushes. They are sensitive to environmental pressures and adequate land is required for their survival. The limited space available in the sanctuary along with scarcity of food and water especially during summer poses a great threat for their survival.*

*The blackbucks have regular habit of coming out of the sanctuary and graze in the wastelands on the eastern and western sides outside the sanctuary.*

*Under these circumstances, I request the committee to consider the points mentioned in the research papers,*

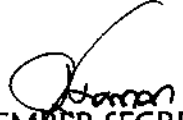
1. *"Conservation of a fragmented population of blackbuck" published in Current Science, Vol. III, No. 3, 10<sup>th</sup> August 2016.*

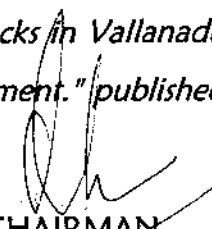
*"In VBS blackbucks were seen spending the night in the grass fallow outside and move towards the forests only when disturbance levels increased in the outside areas. It therefore appears that the preferred habitat lies in the eastern fallow outside the VBS." (Pg.547)*

*"Moreover, the land use further away from the fallow is highly urbanized, and industrialized due to the presence of quarries." (Pg.547)*

*"There are increasing evidences to this, as blackbucks are frequently seen 5 km away from VBS along main roads and also in private farms and near irrigation tanks." (Pg.548)*

2. *"Distribution patterns and habitat requirements of blackbucks in Vallanadu Blackbuck Sanctuary implications for conservation and management." published*

  
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*in Indian Forester, 140 (10) : 1005-1013, 2014.*

*"Most of the herds (blackbucks) were seen in the open fallow grasslands on the eastern side of the sanctuary." Pg.1008*

*"A few perennial sources outside the reserve were mostly visited by domestic livestock, but, also frequented by blackbuck." Pg.1008*

*"The open fallow (grassland) outside the eastern edge of VBS offers water and forage and good staging sites for the males but not adequate protection. This patch of open fallow land is an island of about 3 sq km surrounded by activities such as mining, real estate and proposed highway construction." Pg.1011*


*"The open fallow grasslands may serve as important breeding areas of the Buck and needs to be conserved alongside the sanctuary." Pg.1012*

*"These areas are however, coming in conflict with quarrying activities, which are creating continuous disturbances to the blackbuck." Pg.1012*

*These research papers clearly mention that blackbucks move upto 5 km outside the sanctuary on the eastern side and mining activities will have a disastrous effect on blackbucks.*

Based on these above facts, it is suggested that the proponent may get a detailed letter from the DFO (Tirunelveli) about the safety of blackbuck due to mining.

The project proponent has furnished the reply vide letter dated 24.01.2022 and hence the proposal was placed for appraisal in this 259<sup>th</sup> meeting of SEAC held on 31.03.2022. The Project proponent made a power point presentation and also furnished the details called for.

  
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After examining the documents & project proposals furnished by the project proponent, the SEAC noted that,

Blackbuck is the prominent species in Vallanadu blackbuck WLD sanctuary in Thoothukudi district and this is its southernmost habitat in the country. Blackbuck is an endangered species and included in IUCN red data book in the category in VUC (vulnerable status) and under Schedule 1 of the WP Act, 1972. The project site is 1.6km from sanctuary boundary and ESZ is 1km around. The blackbucks often come out of sanctuary for foraging, hiding, water etc.,

Blackbucks are very timid and shy animals and the proposed activity involves rock blasting noise, vibrations, dust, smoke and other anthropogenic disturbances and these will have adverse effect on this vulnerable species. This point has been stressed in the public consultation also.

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


**Agenda No: 259-02**

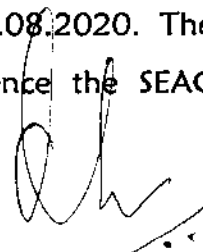
**(File No: 7065/2019)**

**Proposed Rough stone and Gravel quarry project over an extent of 2.80.0 Ha in S.F.Nos. 43/4(P), 43/5(P), 43/10, 44/6, 44/7, 44/8, 45 (P), 47/1 (P) & 47/2 (P) at Kurunallipalayam Village of Kinathukadavu Taluk, Coimbatore District, Tamil Nadu by Thiru. S. Abdul Jabbar - For Environmental Clearance.**

**(SIA/TN/MIN/40818/2019 dated: 26.03.2020)**

The proposal was placed in 169<sup>th</sup> SEAC Meeting held on 07.08.2020. The proponent has not turned up for the appraisal meeting. Hence the SEAC

  
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decided to defer the proposal. Further, the project proponent shall furnish the reason for not attending the meeting to SEIAA.

The proposal now placed for appraisal in this 259<sup>th</sup> meeting of SEAC held on 31.03.2022.

The project proponent has furnished the reply during meeting that, due to some medical emergency he couldn't attend the meeting.

The SEAC noted the following:

1. The project proponent, Thiru. S. Abdul Jabbar has applied for Environmental Clearance for the proposed Rough stone & Gravel quarry lease over an extent of 2.80.0 ha at 43/4(P), 43/5(P), 43/10, 44/6, 44/7, 44/8, 45 (P), 47/1 (P) & 47/2 (P), at Kurunallipalayam Village of Kinathukadavu Taluk, Coimbatore 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 3,89,367cu.m of Rough stone, 2,563cu.m of Gravel with an ultimate depth of mining is 47m below ground level. The Annual peak production as per mining plan is 79,950cu.m of rough stone and 1,320cu.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** for the above notings, 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. 6 lakhs and the amount shall be spent for the following activities in Government High School, Vadachithur before obtaining CTO from TNPCB.

Sl. No.	Description
1	Avenue Plantation along the School Boundary.
2	Installation of Hand Wash Unit & Water Storage Sump.
3	Installation of Speaker Announcement System at school.
4	Re-Furbishing of Electrical Wiring system at 9 Classrooms.
5	Re-construction of Existing Toilets for Boys Toilet.
6	Re-construction of Existing Toilets for Girls Toilet.
7	Books to school library.

**Agenda No: 259-03**

**(File No.7071/2019)**

**Proposed Rough stone quarry lease over an extent of 1.21.5 Ha in S.F.Nos. 907/1A (Part) & 907/1B at Thulaiyanur Village, Thirumayam Taluk, Pudukkottai District, Tamil Nadu by Thiru. P. Meyyanathan – For Environmental clearance.**

**(SIA/TN/MIN/41405/2019 dated: 21.03.2020)**

The proposal was placed in the 165th SEAC Meeting held on 22.07.2020. The

  
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committee noted on initial scrutiny that the consent letter between the land owner and the project proponent is not registered. Hence the SEAC decided to defer the proposal.

On receipt of the above said registered consent letter, the project proponent will be called for the re-presentation.

The project proponent has furnished the reply vide letter dated 15.11.2021.

The proposal now placed for appraisal in this 259<sup>th</sup> meeting of SEAC held on 31.03.2022. The Project proponent has made the re presentation along with clarification for the above shortcomings observed by the SEAC.

The SEAC noted the following:

1. The project proponent, Thiru. P. Meyyanathan has applied for Environmental Clearance for the proposed Rough stone quarry lease over an extent of 1.21.5 ha at S.F.Nos. 907/1A (Part) & 907/1B, at Thulaiyanur Village, Thirumayam Taluk, Pudukkottai 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 1,14,190cu.m of Rough stone, 4,208cu.m of Topsoil with an ultimate depth of mining is 42m below ground level. The Annual peak production as per mining plan is 25,835cu.m of rough stone.

Based on the presentation and document furnished by the project proponent, SEAC decided to **recommend the proposal for the grant of Environmental Clearance** for the above notings, subject to the standard conditions as per the **Annexure** 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. 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 High School, Thulaiyanur before obtaining CTO from TNPCB.

Sl. No.	Description
1	Avenue Plantation along the School Boundary.
2	Installation of R.O Water Purifier System.
3	Re-construction of Existing Toilets for Boys Toilet.
4	Re-construction of Existing Toilets for Girls Toilet.
5	Avenue Plantation along the School Boundary.


**Agenda No: 259-04**

**(File No. 7106/2019)**

**Proposed Rough stone and Gravel quarry over an Extent of 2.62.0 Ha in S.F.No. 104/1C, 102B/4, 104/1D2, 103/2. 102B/5 and 103/1 at Kalyanapuram Village, Chetpet Taluk, Tiruvannamalai District by Thiru.E.Anandhakumar, Tvl.selvi Earth Movers Transport pvt Ltd. Tiruvannamalai - For Environmental Clearance.**

**(SIA/TN/MIN/41672/2019 dated: 29.09.2019).**

The proposal was placed in 138<sup>th</sup> SEAC Meeting held on 08.11.2019.

  
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The SEAC noted the following:

1. The Proponent, Thiru.E.Anandhakumar, has applied for Environment Clearance to SEIAA-TN for the Proposed Rough stone and gravel quarry over an Extent of 2.62.0 Ha in S.F.No. 104/1C, 102B/4, 104/1D2, 103/2, 102B/5 and 103/1 at Kalyanapuram Village, Chetpet Taluk, Tiruvannamalai District
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 lease period is for 5 years. The production for the five years states that the total quantity of recoverable should not exceed 2,70,760cu.m of Rough stone, 36,972cu.m of Gravel with an ultimate depth of mining is 22m. The Annual peak production as per mining plan is 55,345cu.m of rough stone and 21880 cu.m of Gravel.

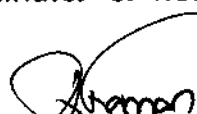
Based on the initial discussion with the proponent and the scrutiny of documents furnished, it was noticed that the lease deed is not registered yet. Hence the SEAC decided to direct the proponent to submit the registered lease deed, before making the presentation.

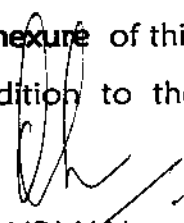
On receipt of the above details, SEAC will decide the further course of action on the proposal.

The project proponent has furnished the reply vide letter dated 29.04.2021.

The proposal now placed for appraisal in this 259<sup>th</sup> meeting of SEAC held on 31.03.2022. The Project proponent has made the re presentation along with clarification for the above shortcomings observed by the SEAC.

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

  
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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. 7 lakhs and the amount shall be spent for the following activities in Government Primary School, Kalyanapuram and Madam Government Higher Secondary School before obtaining CTO from TNPCB.

Sl.No.	Provision of the following facilities in Kalyanapuram Government Primary school
1	Tree plantation in and around the School.
2	Repair & Renovation of toilet facilities.
3	Provision of Drinking water facilities.
4	Books to school library.
Provision of the following facilities in Madam Government Higher Secondary School.	
6	R.O water installation for higher secondary school.
7	Repair & Renovation of toilet facilities for students.
8	Tree plantation in and around the school.
9	Books to school library.

  
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**Agenda No: 259-05**

**(File No: 7445/2020)**

**Proposed Rough stone, Gravel & Earth quarry lease over an extent of 4.41.5ha at S.F.No.713 in A.Lakshmipuram Village, Vembakottai Taluk, Virudhunagar District, Tamil Nadu by Tmt. P.Kaladevi- For Environmental Clearance.**


**(SIA/TN/MIN/139316/2020, dated: 30.01.2020)**


The proposal was placed in 207<sup>th</sup> SEAC Meeting held on 17.03.2021. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Tmt. P.Kaladevi has applied for Environmental Clearance for the proposed Rough stone & Gravel quarry lease over an extent of 4.41.5ha at S.F.No. 713 in A.Lakshmipuram Village, Virudhunagar Taluk, Virudhunagar 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 lease period is for 5 years. The production for the five years states that the total quantity of recoverable should not exceed 70,680cu.m of Rough stone, 1,00,960cu.m of Gravel and 20,192cu.m of Topsoil/Earth with an ultimate depth of mining is 11m.The Annual peak production as per mining plan is 14,820cu.m of rough stone and 23,180 cu.m of Gravel.

On initial discussions, the proponent was claiming through an appeal that the lease agreement need not be registered as per the registration of Companies Act. However, SEIAA has obtained legal opinion on this issue and it was very clearly stated by the legal advisor that the lease agreement needs to be registered and hence SEAC directed the proponent to furnish the following detail,

  
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The proponent shall furnish copy of registered lease deed agreement for proposed mining lease area since, the proponent has furnished an unregistered lease document.

On receipt of the above details, the SEAC decided to direct the proponent to make a presentation for the further course of action on the proposal.

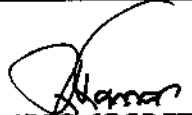
The project proponent has furnished the reply vide letter dated 22.01.2022.

The proposal now placed for appraisal in this 259<sup>th</sup> meeting of SEAC held on 31.03.2022. The Project proponent has made the re-presentation along with clarification for the above shortcomings observed by the SEAC.

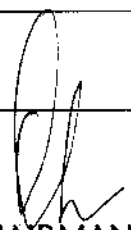
Based on the presentation and document furnished by the project proponent, SEAC decided to **recommend the proposal for the grant of Environmental Clearance** for the above notings, subject to the standard conditions as per the Annexure of this minutes & normal conditions stipulated by MOEF&CC, in addition 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 CER cost is Rs.5 Lakhs and the amount shall be spent for the following activities for Government High School, Alangulam before obtaining CTO from TNPCB.

Sl. No.	Description
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1	Tree plantation in and around the school.
2	Improvement in Toilet facility, renovation of building & construction of compound wall.
3	Provision of Drinking water facility, Library books & book Racks.

**Agenda No: 259-06**

**(File No: 7446/2020)**

**Proposed Rough stone, Gravel & Earth quarry lease over an extent of 1.54.0ha at S.F.No.1316/1B & 1316/2A in Keezhanmaraninadu Village, Vembakottai Taluk, Virudhunagar District, Tamil Nadu by Tmt. P.Kaladevi- For Environmental Clearance.**

**(SIA/TN/MIN/139266/2020, dated: 30.01.2020)**

The proposal was placed in 207<sup>th</sup> SEAC Meeting held on 17.03.2021. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Tmt.P.Kaladevi has applied for Environmental Clearance for the proposed Rough stone, Gravel and Earth quarry lease over an extent of 1.54.0ha at S.F.No. 1316/1B & 1316/2A in Keezhanmaraninadu Village, Vembakottai Taluk, Virudhunagar 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 lease period is for 5 years. The production for the five years states that the total quantity of recoverable should not exceed 36,600cu.m of Rough stone, 50,920cu.m of Gravel and 10184cu.m of Earth with an ultimate depth of mining is 11m.The Annual peak production as per mining plan is 7320cu.m of rough stone and 14,440cu.m of Gravel.

  
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On initial discussions, the proponent was claiming through an appeal that the lease agreement need not be registered as per the registration of Companies Act. However, SEIAA has obtained legal opinion on this issue and it was very clearly stated by the legal advisor that the lease agreement needs to be registered and hence SEAC directed the proponent to furnish the following detail,

The proponent shall furnish copy of registered lease deed agreement for proposed mining lease area since, the proponent has furnished an unregistered lease document.


On receipt of the above details, the SEAC decided to direct the proponent to make a presentation for the further course of action on the proposal.

The project proponent has furnished the reply vide letter dated 22.01.2022.

The proposal now placed for appraisal in this 259<sup>th</sup> meeting of SEAC held on 31.03.2022. The Project proponent has made the re-presentation along with clarification for the above shortcomings observed by the SEAC.

Based on the presentation and document furnished by the project proponent, SEAC decided to **recommend the proposal for the grant of Environmental Clearance** for the above notings, subject to the standard conditions as per the Annexure 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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1. 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.
2. As accepted by the Project Proponent the CER cost is Rs.3 Lakhs and the amount shall be spent for the following facilities in Government Primary School, Valaiyapatti Village before obtaining CTO from TNPCB.

Sl. No.	Description
1	Tree plantation in and around area.
2	Improvement in Toilet facility, renovation of building & construction of compound wall.
3	Books to school library.

**Agenda No: 259-07**

**(File No.7472/2020)**

**Proposed Rough stone & Gravel quarry lease over an extent of 1.89.0 Ha in S.F.Nos. 177/8A, 177/8B, 177/8C, 177/8D, 177/9A, 177/9C, 177/9D, 177/9E, 177/9F, 177/9G, 177/9H, 177/9I, 177/9J & 177/9K of Kodimangalam Village, Madurai West Taluk, Madurai District, Tamil Nadu by Thiru. P. Ashok Kumar - For Environmental Clearance.**

**(SIA/TN/MIN/144799/2020, dated: 22.02.2020)**

The proposal was placed in 157th SEAC Meeting held on 20.06.2020. The details of the project furnished by the proponent are given in the website (parivesh. nic.in). The SEAC noted the following:

1. The Proponent, Thiru. P. Ashok Kumar, has applied for Environmental Clearance for the proposed Rough stone & Gravel quarry lease over an extent of 1.89.0 Ha in S.F.Nos. 177/8A, 177/8B, 177/8C, 177/8D, 177/9A, 177/9C,

  
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177/9D, 177/9E, 177/9F, 177/9G, 177/9H, 177/9I, 177/9J & 177/9K of Kodimangalam Village, Madurai West Taluk, Madurai District, Tamil Nadu.

2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.


The SEAC noted from the online application in the PARIVESH portal and during presentation, the proponent has displayed the 500 m radius cluster letter obtained from the Deputy Director, Geology and Mining Department, Madurai wherein the details of period of operation of the Expired / abandoned quarries were not mentioned, further the content is also different from the hardcopy of the file. Hence, the SEAC has decided to defer the proposal with a recommendation to SEIAA that the detailed clarification may be obtained from the Deputy Director, Geology and Mining Department, Madurai to know the genuinity of the content of the letter. On receipt of the letter from the concerned authority project will be reconsidered at appropriate time.

The Project proponent furnished details to SEIAA-TN on 18.07.2020. The Proposal was once again placed in 199th SEAC Meeting held on 09.02.2021. Based on the documents furnished by the Project proponent, SEAC decided to defer the proposal. Since the letter received was only office copy and the Project proponent is requested to submit the original letter.

On receipt of the above details, the SEAC will decide the further course of action on the proposal.

The project proponent has furnished the reply vide letter dated 29.09.2021.

The proposal now placed for appraisal in this 259<sup>th</sup> meeting of SEAC held on 31.03.2022. The Project proponent has made the re-presentation along with clarification for the above shortcomings observed by the SEAC.

  
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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 Nagamalai and vikkiramangalam Reserve Forest is located at a distance of 160m 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: 259-08**

**(File No.7532/2020)**

**Proposed Gravel quarry lease over an extent of 1.87.5 Ha in S.F.No. 75/2 & 75/3 of Karandiputtur Village, Gummdipoondi Taluk, Tiruvallur District, Tamil Nadu by Thiru.S.Raghupathy - For Environmental Clearance**

**(SIA/TN/MIN/150006/2020 dated: 20.03.2020)**

The proposal was earlier placed in 161<sup>st</sup> and 177<sup>th</sup> meetings of SEAC. The details of the

Project furnished by the proponent are available on the website (parivesh.nic.in).

The SEAC noted the following:

  
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1. The Proponent, Thiru.S. Raghupathy, has applied for Environmental Clearance for the proposed Gravel quarry lease over an extent of 1.87.5 Ha in S.F.No. 75/2 & 75/3 Karandiputtur Village, Gumidipoondi Taluk. Tiruvallur District, Tamil Nadu.
2. The project/activity is covered under Category 'B2' of Item 1(a) "Mining of Minerals Projects" of the schedule to the EIA Notification, 2006.

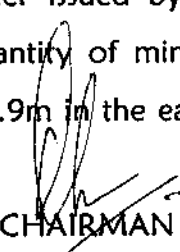
Based on the presentation made and verification of documents furnished by the project proponent during 161st meeting of SEAC, SEAC noted a difference in the quantity of mineable resources and depth of mining mentioned in the Precise Area Communication Letter issued by District Collector, Tiruvallur dated on 09.12.2019 and the Mining plan approval letter issued by AD/DD Mines, Tiruvallur dated on 21.02.2020. Hence, the SEAC referred back the proposal to SEIAA office to clarify the difference in mineable resources and depth of mining. Further, mineable resources and depth of mining should remain same in both the mining plan approval letter issued by AD/DD Mines, Tiruvallur & the Precise Area communication Letter issued by District collector, Tiruvallur. The proposal may be placed in SEAC meeting after obtaining the necessary clarification from AD/DD mines, Tiruvallur.

The Project Proponent furnished details to SEIAA-TN Subsequently the Proposal was placed in 177th meeting of SEAC held on 26.09.2020. On the scrutiny of the details submitted by the project Proponent, the Precise Area Communication Letter issued by District Collector, Tiruvallur had signature on 27.07.2020 but letter dated on 21.02.2020.

Further the quantity of minable minerals is mentioned at 13230 m<sup>3</sup> of gravel for the depth of 0.9m in the earlier Precise Area Communication Letter issued by the District collector, Tiruvallur letter dated on 21.02.2020 and quantity of minable minerals has mentioned at 17136 m<sup>3</sup> of gravel for the depth of 0.9m in the earlier

  
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Precise Area Communication Letter issued by District Collector, Tiruvallur vide letter dated 21.02.2020 in the same extent of land area 1.87.5 Ha.

In the View of above SEAC requested SEIAA office to verify the above said point and after due verification, this proposal may be placed before the SEAC for further course of action.

SETAA referred back the proposal to SEAC vide Minutes of 406th meeting of SEIAA Item No. 406-06 dated 21.10.2020 & 22.10.2020.

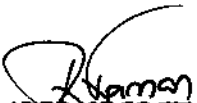
The subject was placed for appraisal in 188th meeting of SEAC held on 18.12.2020. SEAC decided to seek note from the Member secretary, SEIAA-TN in this regard. Further SEAC noted that in the late Precise Area Communication letter the depth mentioned it 2m, Considering this, the Proponent shall make a re presentation.

The proposal now placed for appraisal in this 259<sup>th</sup> meeting of SEAC held on 31.03.2022.

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 Pallavakkam Reserve Forest is located at a distance of 250m South from this project site and the proposal is, therefore, hit

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

**Agenda No: 259-09**

**(File No: 7684/2020)**

**Proposed Rough Stone & Gravel quarry lease area over an extent of 1.06.0Ha at S.F.Nos. 311/2 of Zameen Alamarathupatti Village, Aravakurichi Taluk, Karur District, Tamil Nadu by Thiru.R.Dhanushkodi- For Environmental Clearance.**

**(SIA/TN/MIN/159878/2020, dated: 23.06.2020)**

The proposal was placed in 217<sup>th</sup> meeting of SEAC held on 06.07.2021. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.R.Dhanushkodi, has applied for Environmental Clearance for the proposed Rough Stone & Gravel quarry lease area over an extent of 1.06.0Ha at S.F.Nos. 311/2 of Zameen Alamarathupatti Village, Aravakurichi Taluk, Karur District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 8(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per mining plan the lease period is for 5 years. The production for the five years states that the total quantity of recoverable should not exceed 73,626cu.m of Rough stone, 1,512cu.m of Gravel with an ultimate depth of mining is 37m below ground level. The Annual peak production as per mining plan is 16,096cu.m of rough stone and 1,512cu.m of Gravel.

Earlier EC was obtained from SEIAA-TN vide Lr. No.SEIAA-TN/F.No. 1026/EC/1(a)/285/2013dated: 09.05.2013. The production would be 115850 cu.m of Rough Stone & 10230 of Top Soil over a period of 5 years and a depth of 10m. On initial discussions, SEAC committee noted that, previous EC was given to a

  
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depth of 10m. Existing Pit Dimensions as per mining plan is 75m x 73m x 15m. However in the precise area communication, the existing pit dimension is reported as, 105mx90mx15m.


Hence the project proponent is requested obtain clarification letter from AD mines.

The project proponent has furnished the reply vide letter dated 17.08.2021.

The proposal now placed for appraisal in this 259<sup>th</sup> meeting of SEAC held on 31.03.2022. The Project proponent has made the re-presentation along with clarification for the above shortcomings observed by the SEAC.

Based on the presentation and document furnished by the project proponent, SEAC decided to **recommend the proposal for the grant of Environmental Clearance** for the above notings, subject to the standard conditions as per the **Annexure** 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. 7 lakhs and the amount shall be spent for the following activities in Government High School, Jangalpatti before obtaining CTO from TNPCB.

  
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Sl. No.	Description
1	Avenue Plantation along the School Boundary.
2	Replace existing Roofing with Double Brick Tiles.
3	Replace existing windows with UPVC windows.
4	Books to school library.

4. The project proponent shall furnish certified EC compliance report to TNPCB for earlier obtained EC from SEIAA-TN vide Lr. No.SEIAA-TN/F.No. 1026/EC/1(a)/285/2013 dated: 09.05.2013 before obtaining CTO.

**Agenda No: 259-10**

**(File No: 7783/2020)**

**Proposed Rough stone and Gravel quarry lease over an extent of 1.48.5 Ha in S.F.No. 1631/2B at Vellakoil Village, Kangeyam Taluk, Tiruppur District, Tamil Nadu by Thiru.Pon.Vadivel - For Environmental Clearance.**

**(SIA/TN/MIN/161843/2020, dated:03.07.2020).**

The proposal was placed in the 185<sup>th</sup> SEAC Meeting held on 07.11.2020. The details of the minutes are given in the website (parivesh.nic.in).

SEAC noted the followings:

1. The Proponent, Thiru. Pon.Vadivel, has applied for Environmental Clearance for the proposed Rough stone and Gravel quarry lease over an extent of 1.48.5 Ha in S.F.No. 1631/2B at Vellakoil Village, Kangeyam Taluk, Tiruppur District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.

  
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3. As per mining plan the lease period is for 5 years. The production for the five years states that the total quantity of recoverable should not exceed 86,905cu.m of Rough stone and 7,854cu.m of Gravel with an ultimate depth of mining is 32m below ground level. The Annual peak production as per mining plan is 21,680cu.m of rough stone and 3,162cu.m of Gravel.

The proposal was again placed for appraisal in 234th meeting of SEAC held on 22.09.2021.

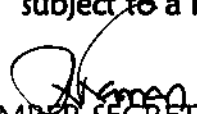
Based on the additional documents furnished by the project proponent, SEAC directed the proponent to furnish letter from DD, Dept. of Geology & Mining for entire quantity mined out considering the letter was only from proponent it was noted that no letter is produced from DD/Mines with regard to quantity for which EC issued Dt :12.11.2013.

The project proponent has furnished the reply vide letter dated 21.01.2022.

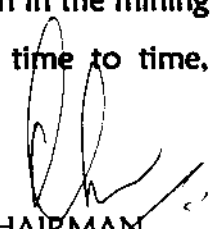
The proposal now placed for appraisal in this 259<sup>th</sup> meeting of SEAC held on 31.03.2022. The Project proponent has made the re-presentation along with clarification for the above shortcomings observed by the SEAC.

Based on the presentation and document furnished by the project proponent, SEAC decided to **recommend the proposal for the grant of Environmental Clearance** for the above notings, subject to the standard conditions as per the **Annexure** 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.6.5 lakhs and the amount shall be spent for the following activities for Subramaniyavalasu Panchayath Union Middle School, Vellakoil Union, Tiruppur before obtaining CTO from TNPCB.

Sl. No.	Description
1	Clearing and Site Preparation of the School Play Ground.
2	Installation of Sanitary Napkin Incinerator of capacity 10 kg/batch .
3	Erection of Barbed wire fencing all around School.
4	Renovation of the existing toilets for boys and girls
5	Greenbelt development around the school.
6	Books to school library.

**Agenda No: 259-11**

**(File No: 7832/2020)**

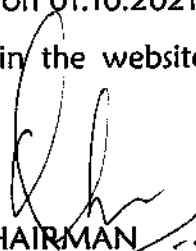
**Proposed Rough Stone & Gravel quarry lease area over an extent of 2.59.0Ha at S.F.Nos. 615/1(Part) & 629/1(Part) of Kodanthur South Village, Aravakurichi Taluk, Karur District, Tamil Nadu by M/s. Imayam Blue Metals - For Environmental Clearance.**

**(SIA/TN/MIN/171888/2020, dated: 07.09.2020)**

The proposal was placed for appraisal in 235<sup>th</sup> meeting of SEAC held on 01.10.2021. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

  
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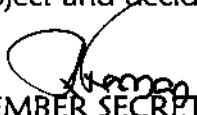
The SEAC noted the following:

1. The project proponent, M/s. Imayam Blue Metals, has applied for Environmental Clearance for the proposed Rough Stone & Gravel quarry lease area over an extent of 2.59.0Ha at S.F.Nos. 615/1(Part) & 629/1(Part) of Kodanthur South Village, Aravakurichi Taluk, Karur District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per mining plan the lease period is for 5 years. The production for the five years states that the total quantity of recoverable should not exceed 2,90,150cu.m of Rough stone and 26,696cu.m of Gravel with an ultimate depth of mining is 37m below ground level. The Annual peak production as per mining plan is 67,165cu.m of rough stone and 26,696cu.m of Gravel.

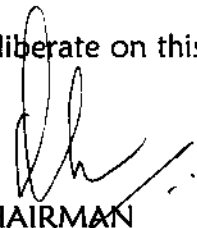
The SEAC noted that there is an inordinate delay from SEIAA office for putting the file for appraisal nearly about 2 years.

Based on the presentation and documents furnished by the project proponent, SEAC noted that EDS asked for last permit letter for DG (Mines)/ Director (Mines)/AD (mines) but the proponent has not submitted correct reply for the EDS raised. The concerned Engineer requested to check whether the EDS reply received from the proponent is correct, if not again the correct reply shall be obtained from the proponent and shall revise the check list and put up to the committee for appraisal. Hence the committee decided that the project proponent shall obtain a revised 500m AD mines letter including the last transport permit and last operation details.

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

  
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The project proponent has furnished the reply vide letter dated 24.02.2021.

The proposal now placed for appraisal in this 259<sup>th</sup> meeting of SEAC held on 31.03.2022. The Project proponent has made the re-presentation along with clarification for the above shortcomings observed by the SEAC.

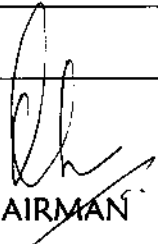
Based on the presentation and document furnished by the project proponent, SEAC decided to **recommend the proposal for the grant of Environmental Clearance** for the above notings, subject to the standard conditions as per the Annexure of this minutes & normal conditions stipulated by MOEF&CC, in addition 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.6 lakhs and the amount shall be spent for the following activities for Panchayath Union Middle School, Velappanaickenvalasu Post, Vellakovil before obtaining CTO from TNPCB.

Sl. No.	Description
1	Avenue Plantation along the School Boundary.
2	Installation of Hand Wash Unit.
3	Re-construction of Existing Toilets for Boys Toilet.

  
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4	Re-construction of Existing Toilets for Girls Toilet.
5	Painting of Class Rooms.
6	Books to school library.

**Agenda No: 259-12**

**(File No: 7842/2020)**

**Proposed Multi Coloured Granite quarry lease over an extent of 2.44.0Ha at S.F.Nos. 828 (part) & 830 of Kannanallur Village, Radhapuram Taluk, Tirunelveli District, Tamil Nadu by M/s.Chendhur Rocks - For Environmental Clearance.**

**(SIA/TN/MIN/172156/2020,dated: 09.09.2020).**

The proposal was placed for appraisal in 229th meeting of SEAC held on 27.08.2021. 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.Chendhur Rocks, has applied for Environmental Clearance for the proposed Multi coloured Granite quarry lease over an extent of 2.44.0Ha at S.F.Nos. 828 (part) & 830 kannanallur Village, Radhapuram Taluk, Tirunelveli District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per mining plan the lease period is for 20 years. The production for the five years states that the total quantity of recoverable as 40,375m<sup>3</sup> (ROM)[Granite Reserves @ 30% 12,113m<sup>3</sup> and Granite waste @70% 28,262m<sup>3</sup>] and an ultimate depth of mining is 11m below ground level. The Annual peak production as per mining plan is 8,250cu.m ROM)[Granite Reserves @ 30% 2,475m<sup>3</sup> and Granite waste @70% 5,775m<sup>3</sup>].

  
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Based on the presentation and documents furnished by the project proponent, SEAC noted that in Google image (90 37' 33.52" N, 780 5' 19. 18" E) shows the existence of this quarry and it appears that it is in operation and there is no evidence of stopping the activity before 15.01.2016.

Hence the committee decided that, SEIAA office may check the same by writing a letter to proponent and clarify the issue on hearing from the proponent.

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

The project proponent has furnished the reply vide letter dated 09.11.2021.

The proposal now placed for appraisal in this 259<sup>th</sup> meeting of SEAC held on 31.03.2022. The Project proponent has made the re-presentation along with clarification for the above shortcomings observed by the SEAC.

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

  
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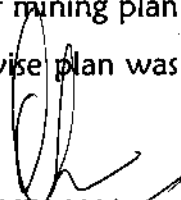
  
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3. As accepted by the Project Proponent the revised CER cost is Rs.10 lakhs and the amount shall be spent for T.D.T.A Primary School, Thangayam, Vallioor Range obtaining CTO from TNPCB.

Sl. No.	Description
1	Avenue Plantation along the School Boundary.
2	Construction of Kitchen & Store Room.
3	Demolition of Old Building and Construct New Class Room.
4	Re-construction of Existing Toilets for Boys Toilet.
5	Re-construction of Existing Toilets for Girls Toilet.
6	Laying of tiles for class room floor.
7	Books to school library.

4. The proponent shall mandatorily appoint the statutory Mines Manager and the Mining Engineer in relevant to the proposed quarry size as per the provisions of Mines Act 1952 and Granite Conservation & Development Rules, 1999 respectively.
5. The proponent shall erect fencing all around the boundary of the proposed area with gates for entry/exit before the commencement of the operation and shall furnish the photographs/map showing the same before obtaining the CTO from TNPCB.
6. Perennial maintenance of haulage road/village / Panchayat Road shall be done by the project proponent as required in connection with the concerned Govt. Authority.
7. The Project Proponent shall adhere to the working parameters of mining plan which was submitted at the time of EC appraisal wherein year-wise plan was

  
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mentioned for total excavation i.e. quantum of Granite, waste, over burden, side burden and top soil etc. No change in basic mining proposal like mining technology, total excavation, mineral & waste production, lease area and scope of working (viz. method of mining, dump management, dump mining, mineral transportation mode, ultimate depth of mining etc.) shall not be carried out without prior approval of the Ministry of Environment, Forest and Climate Change, which entail adverse environmental impacts, even if it is a part of approved mining plan modified after grant of EC or granted by State Govt. in the form of Short Term Permit (STP), Query license or any other name.

8. The Proponent shall ensure that the overburden, waste rock and non-saleable granite generated during prospecting or mining operations of the granite quarry shall be stored separately in properly formed dumps on grounds earmarked. The physical parameters of the waste dumps like height, width and angle of slope shall be governed as per the approved Mining Plan as per the guidelines/circulars issued by DGMS w.r.t. safety in mining operations shall be strictly adhered to maintain the stability of waste dumps. Such dumps shall be properly secured to prevent the escape of material in harmful quantities which may cause degradation of the surrounding land or silting of water courses.
9. Perennial sprinkling arrangement shall be in place on the haulage road for fugitive dust suppression. Fugitive emission measurements should be carried out during the mining operation at regular intervals and submit the consolidated report to TNPCB once in six months.
10. The Proponent shall ensure that the noise level is monitored during mining operation at the project site for all the machineries deployed and adequate noise level reduction measures undertaken accordingly. The report on the periodic monitoring shall be submitted to TNPCB once in 6 months.

  
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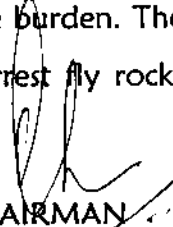
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11. Proper barriers to reduce noise level and dust pollution should be established by providing greenbelt along the boundary of the quarrying site and suitable working methodology to be adopted by considering the wind direction.
12. The purpose of green belt around the project is to capture the fugitive emissions, carbon sequestration and to attenuate the noise generated, in addition to improving the aesthetics. A wide range of indigenous plant species should be planted as given in the appendix in consultation with the DFO, State Agriculture University and local school/college authorities. The plant species with dense/moderate canopy of native origin should be chosen. Species of small/medium/tall trees alternating with shrubs should be planted in a mixed manner.
13. Taller/one year old saplings raised in appropriate size of bags (preferably eco-friendly bags) should be planted in proper espacement as per the advice of local forest authorities/botanist/horticulturist with regard to site specific choices. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner.
14. **Noise and Vibration Related:** (i) The Proponent shall carry out only the Controlled Blasting operation using the detonating cord/fuse of low grammage PETN (or) Gun powder (or) safety fuse for the extraction of the granite blocks in the quarry. However, the proponent shall use NONEL based shock tube initiation system only while carrying out the controlled blasting operations for the excavation of overburden and side burden even though no habitations (or) forest exists around the proposed site. The proponent shall not carry out any blasting operation involving the initiation system such as detonating cord safety fuse, ordinary detonators, cord relays, in the blasting operation carried out for the excavation of overburden and side burden. The mitigation measures for control of ground vibrations and to arrest fly rocks

  
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should be implemented meticulously under the supervision of statutory competent persons possessing the I / II Class Mines Manager / Foreman / Blaster certificate issued by the DGMS under MMR 1961, appointed in the quarry. No secondary blasting of granite boulders shall be carried out in any occasions and only other suitable non-explosive techniques involving chemical agents shall be adopted if such secondary breakage is required. The Project Proponent shall provide required number of the security sentries for guarding the danger zone of 500 m radius from the site of blasting to ensure that no human/animal is present within this danger zone and also no person is allowed to enter into (or) stay in the danger zone during the blasting. (ii) Appropriate measures should be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs/muffs, (iii) Noise levels should be monitored regularly (on weekly basis) near the major sources of noise generation within the core zone.

15. The proponent shall undertake in a phased manner restoration, reclamation and rehabilitation of lands affected by the quarrying operations and shall complete this work before the conclusion of such operations and the abandonment of the granite quarry as assured in the Environmental Management Plan & the approved Mine Closure Plan.
16. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
17. The operation of the quarry should not affect the agricultural activities & water bodies near the project site and a 50 m safety distance from water body should be maintained without carrying any activity. The proponent shall take appropriate measures for "Silt Management" and prepare a SOP for periodical de-siltation indicating the possible silt content and size in case of any agricultural land exists around the quarry.

  
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18. The proponent shall provide sedimentation tank / settling tank with adequate capacity for runoff management.
19. The proponent shall ensure that the transportation of the quarried granite stones shall not cause any hindrance to the Village people/Existing Village Road and shall take adequate safety precautionary measures while the vehicles are passing through the schools / hospital. The Project Proponent shall ensure that the road may not be damaged due to transportation of the quarried granite stones; and transport of granite stones will be as per IRC Guidelines with respect to complying with traffic congestion and density.
20. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of the mining operation.
21. The Project Proponent shall take all possible precautions for the protection of environment and control of pollution while carrying out the mining or processing of granite in the area for which such licence or lease is granted, as per
22. The Project Proponent shall comply with the provisions of the Mines Act, 1952, MMR 1961 and Mines Rules 1955 for ensuring safety, health and welfare of the people working in the mines and the surrounding habitants.
23. The project proponent shall ensure that the provisions of the MMDR Act, 1957, the Granite Conservation and Development Rules 1999, the MCDDR 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.
24. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be informed to the District AD/DD (Geology and Mining)

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

25. The Project Proponent shall abide by the annual production scheduled specified in the approved mining plan and if any deviation is observed, it will render the Project Proponent liable for legal action in accordance with Environment and Mining Laws.
26. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wildlife as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance, as per the existing law from time to time.
27. All the conditions imposed by the Assistant/Deputy Director, Geology & Mining, concerned District in the mining plan approval letter and the Precise area communication letter issued by concerned District Collector should be strictly followed.
28. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A.No.186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No.758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).
29. The Project Proponent shall adhere to the provision of the Mines Act, 1952, Mines and Mineral (Development & Regulation), Act, 2015 and rules & regulations made there under. The Project Proponent shall adhere to various circulars issued by Directorate General Mines Safety (DGMS) and Indian Bureau of Mines (IBM) from time to time.
30. That the grant of this E.C. is issued from the environmental angle only, and does not absolve the project proponent from the other statutory obligations

  
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prescribed under any other law or any other instrument in force. The sole and complete responsibility, to comply with the conditions laid down in all other laws for the time-being in force, rests with the project proponent.

31. 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.

**Agenda No: 259-13**

**(File No: 7901/2020)**


**Proposed Gravel quarry lease area over an extent of 3.38.0Ha at S.F.Nos. 237/5, 238/1, 238/2A, 238/2B, 239/5A, 239/5B & 240/9 of Thethampatti Village, Kayathar Taluk, Thoothukudi District, Tamil Nadu by Thiru.M.Rajkumar - For Environmental Clearance.**

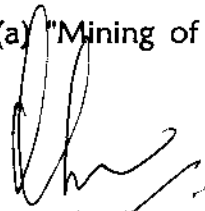
**(SIA/TN/MIN/175523/2020, dated: 29.09.2020).**

The project proposal was placed in the 195<sup>th</sup> SEAC meeting held on 27.01.21, 204<sup>th</sup> SEAC meeting on 25.02.21, 225<sup>th</sup> SEAC meeting on 13.08.21 and 436<sup>th</sup> SEIAA meeting held on 30.03.2021. The details of the minutes are given in the website (parivesh.nic. in).

The subject was placed in the 464<sup>th</sup> Authority meeting held on 27.09.2021. After detailed discussions, the Authority noted as follows,

1. The project proponent, Thiru.M.Rajkumar has applied for Environmental Clearance for the proposed Gravel quarry lease over an extent of 3.38.0Ha at S.F.No. 237/5, 238/1, 238/2A, 238/2B, 239/5A, 239/5B & 240/9 in Theethampatti Village, Kayathar Taluk, Thoothukudi District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification 2006.

  
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3. In the 225th meeting of SEAC held on 13.08.2021, it is mentioned that the SEAC has noted the following among others.

- a. Permitted ultimate depth of mining to 2m and the quantity that shall be mined as per the approved mining plan is Gravel 32340 m<sup>3</sup> and the quarrying activity shall be restricted to 1.62 Ha only.
4. On verifying it was noticed that, the mining area has been restricted to 1.62 ha.
5. The S.F.Nos in which mining is to be done is not mentioned in the SEAC minutes.
6. The restricted quantity of mining in 1.62 ha has not been reduced and mentioned in the SEAC minutes.

In view of the above, the Authority decided to refer back the proposal to SEAC to furnish the S.F.Nos in which mining to be done and the quantity to be mined in the restricted area and depth of mining.

The proposal was again placed for appraisal in 241<sup>st</sup> meeting of SEAC held on 03.11.2021.

The SEAC has noted the remarks & decision of refer back by SEIAA. SEAC after detailed discussion, SEAC decided to recommend to SEIAA that SEIAA may direct the proponent to provide the revised mine lease area along with its survey nos. and revised quantity according to restricted applied mine lease area & restricted ultimate depth of mining as per decision of SEAC, and may process accordingly as per the SEAC recommendation.

The project proponent has furnished the reply vide letter dated 30.11.2021.

The proposal now placed for appraisal in this 259<sup>th</sup> meeting of SEAC held on 31.03.2022. The Project proponent has made the re-presentation along with clarification for the above shortcomings observed by the SEAC.

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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 for the production of Gravel of 22521 m<sup>3</sup> only and the quarrying activity shall be restricted to 1.61 Ha only in SF.No.238/1, 239/5A with an ultimate depth of 2m subject to the standard conditions mentioned in the Annexure of this minutes and 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 cost of Rs.3.5Lakhs as committed.
- 3.As accepted by the Project Proponent the revised CER cost is Rs. 2 lakhs and the amount shall be spent for activities of (1) Renovation/Repair of school toilet facility in Government primary School, Theethampatti (2) Tree plantation – In and around school.

**Agenda No: 259-14**

**(File No:7917/2020)**

**Existing Multicolour Granite quarry lease over an extent of 2.01.0Ha at S.F.Nos. 1067/2(P), 1068/1(P), 1068/2(P) & 1068/3(P) of Myladumparai Village, Andipatti Taluk, Theni District, Tamil Nadu by Thiru. S.M.Ramar- For Environmental Clearance. (SIA/TN/MIN/177500/2020, dated: 05.10.2020).**

The proposal was placed for appraisal in 211th meeting of SEAC held on 24.04.2021. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

  
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The SEAC noted the following:

1. The project proponent, Thiru. S.M.Ramar has applied for Environmental Clearance for the existing Multicolour Granite quarry lease over an extent of 2.01.0Ha at S.F.Nos. 1067/2(P), 1068/1(P), 1068/2(P) & 1068/3(P) of Myladumparai Village, Andipatti 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. The production for the 5 years of 2019-20 to 2023-24 states that the total quantity of recoverable as Multicolour Granite 20% should not exceed 11577cu.m for ultimate depth of mining as 26m.
4. The project proponent has obtained HACA Clearance vide Rc.No.27576/03/H5BA dated: 08.04.2004 stating that "in condition no.2: Environmental Clearance should be obtained from environmental wing since the quarry site is at a distance of 2km from the forest area". But it was found the proponent has not obtained EC and operated the quarry.

Based on the presentation made by the proponent and the documents furnished, it is clear that the project proponent has not obtained EC and operated the quarry thereby violated the conditions stipulated in HACA Clearance and thus the committee decided that the project comes under violation category. The SEIAA office may also convey this to the HACA committee for further necessary action.

The project proponent has furnished the reply vide letter dated 22.06.2021.

The proposal now placed for appraisal in this 259<sup>th</sup> meeting of SEAC held on 31.03.2022.

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

  
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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 Myladumparai Bit 8 Reserve Forest which is part of the tiger reserve is located at a distance of 387m 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: 259-15**

**(File No: 8078/2020)**

**Proposed Rough Stone quarry lease area over an extent of 1.70.0Ha at S.F.Nos.529 (P), 530/1 & 530/2,Thorappalli Agraharam village, Hosur Taluk, Krishnagiri District, Tamil Nadu by M/s.XEC Blue Metals - For Environmental Clearance.**

**(SIA/TN/MIN/182174/2020,dated: 05.11.2020).**

The proposal was placed for appraisal in 222th meeting of SEAC held on 27.07.2021. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, M/s.XEC Blue Metals, has applied for Environmental Clearance for the proposed Rough stone quarry lease area over an extent of 1.70.0Ha at S.F.Nos. 529 (P), 530/1 & 530/2,Thorappalli Agraharam village, Hosur Taluk, Krishnagiri District, Tamil Nadu.
2. The project/activity is covered under Category “B2” of Item 1(a) “Mining of

  
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Minerals Projects” of the Schedule to the EIA Notification, 2006.

The Proposal was placed in 222th SEAC held on 27.07.2021. Based on the presentation made and documents furnished by the project proponent, SEAC noted that there are habitations within the 250m radius of the proposed mining area. Hence the SEAC directed the proponent to obtain and furnish fresh letter from VAO.

On receipt of additional particulars received from the proponent, the SEAC would consider this application in any one of the ensuing SEAC meetings.


The project proponent has furnished the reply vide letter dated 29.09.2021.

The proposal now placed for appraisal in this 259th meeting of SEAC held on 31.03.2022.

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 Sanamavu Reserve Forest is located at a distance of 850m South from this project site and the proposal is, therefore, hit by the above G.O. The Committee, therefore, **decided not to recommend the proposal.**

  
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**Agenda No: 259-16**

**(File No: 8225/2021)**

**Proposed Rough Stone & Gravel quarry lease area over an extent of 4.50.70Ha at S.F.Nos. 185/1A(P), 185/2B1, 185/2A(P), 192/2 & 194/2, Pungampadi (West) Village, Aravakurichi Taluk, Karur District, Tamil Nadu by Tvl.SSM Blue Metals - For Environmental Clearance.**

**(SIA/TN/MIN/191004/2021, dated: 02.01.2021).**

The proposal was placed for appraisal in 224<sup>th</sup> meeting of SEAC held on 03.08.2021. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Tvl.SSM Blue Metals, has applied for Environmental Clearance for the proposed Rough stone & Gravel quarry lease area over an extent of 4.50.70Ha at S.F.Nos. 185/1A(P), 185/2B1, 185/2A(P), 192/2 & 194/2, Pungampadi (West) Village, Aravakurichi Taluk, Karur District Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.

Based on the presentation made and the documents furnished by the Project proponent, SEAC noted that the proponent has illegally mined out the Kallan kuthu area at S.F.No. 193 Pungampadi (West) Village, Aravakurichi Taluk, Karur District. In this connection, the SEAC deferred the proposal and directed the proponent to furnish letter from AD, Geology & mining regarding details along with copy of penalty levied & receipt of penalty paid for excess mined out rough stone quantity in Kallan kuthu area of 0.27 ha at SF.No.193 Pungampadi (West) Village, Aravakurichi Taluk, Karur District, Tamil Nadu.

  
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The project proponent has furnished the reply vide letter dated 23.09.2021.

The proposal now placed for appraisal in this 259<sup>th</sup> meeting of SEAC held on 31.03.2022.

Based on the presentation and documents furnished by the project proponent, SEAC noted that the project proponent has not submitted certified compliance report for previously issued EC and not complied with green belt and fencing conditions. Hence the committee decided that the proponent shall furnish certified compliance report to EC issued vide Lr.No. SEIAA-TN/F.No.1710/EC/1(a)/770/2013 Dated: 04.10.2013.

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

**Agenda No: 259-17**

**(File No: 8284/2021)**

**Proposed Multi- Colour Granite (Red Multi) quarry lease over an extent of 1.00.0Ha at S.F. Nos. 623/1(P),623/2(P) of Agalakottai Village, Denkanikottai Taluk, Krishnagiri District, Tamil Nadu by Thiru. P. Loganathan - For Environmental Clearance.**

**(SIA/TN/MIN/195658/2021, dated: 01.02.2021)**


The proposal was placed for appraisal in 236<sup>th</sup> meeting of SEAC held on 05.10.2021. 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.Loganathan has applied for Environmental Clearance for the proposed Multi- Colour Granite (Red Multi) quarry lease over

  
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an extent of 1.00.0Ha at S.F. Nos. 623/1(P),623/2(P) of Agalakottai Village, Denkanikottai Taluk, Krishnagiri District, Tamil Nadu.

2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per mining plan the lease period is for 20 years. The production for the five years states that the total quantity of recoverable reserves[Multi colour (Red Multi) Granite (20%)] should not exceed 8148 cu.m with an ultimate depth of mining is 28m below ground level. The Annual peak production as per mining plan is 1750cu.m.

Based on the presentation and documents furnished by the project proponent, SEAC after detailed deliberations directed the proponent to furnish clear patta on his name instead joint patta for the proposed/applied mine lease area.

On receipt of aforesaid details SEAC decided to take up in anyone of the forthcoming SEAC meetings.

The project proponent has furnished the reply vide letter dated 31.08.2021.

The proposal now placed for appraisal in this 259<sup>th</sup> meeting of SEAC held on 31.03.2022.

Based on the presentation and document furnished by the project proponent, SEAC decided to **recommend the proposal for the grant of Environmental Clearance** for the above notings, subject to the 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 Provision of basic amenities, infrastructure developments such as safe drinking water, Hygienic Toilets facilities and greenbelt development for Kachuvadi Government School in Karandapalli Village before obtaining CTO from TNPCB.
4. The proponent shall mandatorily appoint the statutory Mines Manager and the Mining Engineer in relevant to the proposed quarry size as per the provisions of Mines Act 1952 and Granite Conservation & Development Rules, 1999 respectively.
5. The proponent shall erect fencing all around the boundary of the proposed area with gates for entry/exit before the commencement of the operation and shall furnish the photographs/map showing the same before obtaining the CTO from TNPCB.
6. Perennial maintenance of haulage road/village / Panchayat Road shall be done by the project proponent as required in connection with the concerned Govt. Authority.
7. The Project Proponent shall adhere to the working parameters of mining plan which was submitted at the time of EC appraisal wherein year-wise plan was mentioned for total excavation i.e. quantum of Granite, waste, over burden, side burden and top soil etc. No change in basic mining proposal like mining technology, total excavation, mineral & waste production, lease area and scope of working (viz. method of mining, dump management, 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

  
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part of approved mining plan modified after grant of EC or granted by State Govt. in the form of Short Term Permit (STP), Query license or any other name.

8. The Proponent shall ensure that the overburden, waste rock and non-saleable granite generated during prospecting or mining operations of the granite quarry shall be stored separately in properly formed dumps on grounds earmarked. The physical parameters of the waste dumps like height, width and angle of slope shall be governed as per the approved Mining Plan as per the guidelines/circulars issued by DGMS w.r.t. safety in mining operations shall be strictly adhered to maintain the stability of waste dumps. Such dumps shall be properly secured to prevent the escape of material in harmful quantities which may cause degradation of the surrounding land or silting of water courses.
9. Perennial sprinkling arrangement shall be in place on the haulage road for fugitive dust suppression. Fugitive emission measurements should be carried out during the mining operation at regular intervals and submit the consolidated report to TNPCB once in six months.
10. The Proponent shall ensure that the noise level is monitored during mining operation at the project site for all the machineries deployed and adequate noise level reduction measures undertaken accordingly. The report on the periodic monitoring shall be submitted to TNPCB once in 6 months.
11. Proper barriers to reduce noise level and dust pollution should be established by providing greenbelt along the boundary of the quarrying site and suitable working methodology to be adopted by considering the wind direction.
12. The purpose of green belt around the project is to capture the fugitive emissions, carbon sequestration and to attenuate the noise generated, in addition to improving the aesthetics. A wide range of indigenous plant species should be planted as given in the appendix in consultation with the DFO, State Agriculture University and local school/college authorities. The plant species

  
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with dense/moderate canopy of native origin should be chosen. Species of small/medium/tall trees alternating with shrubs should be planted in a mixed manner.

13. Taller/one year old saplings raised in appropriate size of bags (preferably eco-friendly bags) should be planted in proper espacement as per the advice of local forest authorities/botanist/horticulturist with regard to site specific choices. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner.
14. Noise and Vibration Related: (i) The Proponent shall carry out only the Controlled Blasting operation using the detonating cord/fuse of low grammage PETN (or) Gun powder (or) safety fuse for the extraction of the granite blocks in the quarry. However, the proponent shall use NONEL based shock tube initiation system only while carrying out the controlled blasting operations for the excavation of overburden and side burden even though no habitations (or) forest exists around the proposed site. The proponent shall not carry out any blasting operation involving the initiation system such as detonating cord safety fuse, ordinary detonators, cord relays, in the blasting operation carried out for the excavation of overburden and side burden. The mitigation measures for control of ground vibrations and to arrest fly rocks should be implemented meticulously under the supervision of statutory competent persons possessing the I / II Class Mines Manager / Foreman / Blaster certificate issued by the DGMS under MMR 1961, appointed in the quarry. No secondary blasting of granite boulders shall be carried out in any occasions and only other suitable non-explosive techniques involving chemical agents shall be adopted if such secondary breakage is required. The Project Proponent shall provide required number of the security sentries for guarding the danger zone of 500 m radius from the site of blasting to ensure that no human/animal is

  
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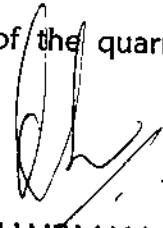
  
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present within this danger zone and also no person is allowed to enter into (or) stay in the danger zone during the blasting. (ii) Appropriate measures should be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs/muffs, (iii) Noise levels should be monitored regularly (on weekly basis) near the major sources of noise generation within the core zone.

15. The proponent shall undertake in a phased manner restoration, reclamation and rehabilitation of lands affected by the quarrying operations and shall complete this work before the conclusion of such operations and the abandonment of the granite quarry as assured in the Environmental Management Plan & the approved Mine Closure Plan.
16. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
17. The operation of the quarry should not affect the agricultural activities & water bodies near the project site and a 50 m safety distance from water body should be maintained without carrying any activity. The proponent shall take appropriate measures for "Silt Management" and prepare a SOP for periodical de-siltation indicating the possible silt content and size in case of any agricultural land exists around the quarry.
18. The proponent shall provide sedimentation tank / settling tank with adequate capacity for runoff management.
19. The proponent shall ensure that the transportation of the quarried granite stones shall not cause any hindrance to the Village people/Existing Village Road and shall take adequate safety precautionary measures while the vehicles are passing through the schools / hospital. The Project Proponent shall ensure that the road may not be damaged due to transportation of the quarried

  
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granite stones; and transport of granite stones will be as per IRC Guidelines with respect to complying with traffic congestion and density.

20. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of the mining operation.
21. The Project Proponent shall take all possible precautions for the protection of environment and control of pollution while carrying out the mining or processing of granite in the area for which such licence or lease is granted, as per
22. The Project Proponent shall comply with the provisions of the Mines Act, 1952, MMR 1961 and Mines Rules 1955 for ensuring safety, health and welfare of the people working in the mines and the surrounding habitants.
23. The project proponent shall ensure that the provisions of the MMDR Act, 1957, the Granite Conservation and Development Rules 1999, the MCDR 2017 and 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.
24. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be informed to the District AD/DD (Geology and Mining) District Environmental Engineer (TNPCB) and the Director of Mines Safety (DMS), Chennai Region by the proponent without fail.
25. The Project Proponent shall abide by the annual production scheduled specified in the approved mining plan and if any deviation is observed, it will render the Project Proponent liable for legal action in accordance with Environment and Mining Laws.

  
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26. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wildlife as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance, as per the existing law from time to time.
27. All the conditions imposed by the Assistant/Deputy Director, Geology & Mining, concerned District in the mining plan approval letter and the Precise area communication letter issued by concerned District Collector should be strictly followed.
28. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A.No.186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No.758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).
29. The Project Proponent shall adhere to the provision of the Mines Act, 1952, Mines and Mineral (Development & Regulation), Act, 2015 and rules & regulations made there under. The Project Proponent shall adhere to various circulars issued by Directorate General Mines Safety (DGMS) and Indian Bureau of Mines (IBM) from time to time.
30. That the grant of this E.C. is issued from the environmental angle only, and does not absolve the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility, to comply with the conditions laid down in all other laws for the time-being in force, rests with the project proponent.
31. 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.

  
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**Agenda No: 259-18**

**(File No: 8324/2021)**

**Proposed Rough Stone & Jelly quarry lease over an extent of 2.69.5Ha at S.F.Nos. 104/1A, 105/3 & 105/8A at Rengapanaickenpatti Village, Nilakottai Taluk, Dindigul District, Tamil Nadu by Tmt.S.Murugabharathi - For Environmental Clearance. (SIA/TN/MIN/196943/2021, dated: 08.02.2021)**

The proposal was placed for appraisal in 240<sup>th</sup> meeting of SEAC held on 01.11.2021. The details of the project furnished by the proponent are available on the website (parivesh.nic.in). The SEAC noted the following:

1. The project proponent, Tmt.S.Murugabharathi has applied for Environmental Clearance for the proposed Rough Stone & Jelly quarry lease over an extent of 2.69.5Ha at S.F.Nos. 104/1A, 105/3 & 105/8A at Rengapanaickenpatti Village, Nilakottai Taluk, Dindigul District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.

Based on the presentation and documents furnished by the project proponent. The Committee noted that the proponent has carried out mining without proper fencing and also no green belt development has been created surrounding the mined site and numerous water bodies within 3 km radius of proposed mine lease applied area. Hence, SEAC after detailed deliberations has decided the committee directed proponent as follows

- 1) To provide fencing and green belt all along the periphery of the proposed mine lease applied area in order to ensure safety for people and animals

  
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crossing the area and the photographs of the same.

- II) To carry out a detailed hydro-geological study considering water bodies/wells within 3 km radius around the proposed mine lease applied area considering impact of mining at different depths upto proposed ultimate depth of mining as per approved mining plan and submit the report.

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

The project proponent has furnished the reply vide letter dated 10.01.2022.

The proposal now placed for appraisal in this 259<sup>th</sup> meeting of SEAC held on 31.03.2022.

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 Sanamavu Reserve Forest is located at a distance of 850m South from this project site and the proposal is, therefore, hit by the above G.O. The Committee, therefore, **decided not to recommend the proposal.**

  
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**Agenda No: 259-19**

**(File No: 7159/2019)**

**Proposed Rough stone, Jelly & Gravel quarry lease over an extent of 1.46.5ha at S.F.No.1040/5, 1041/1, 1041/2, 1041/3 & 1041/4 in Sevalkulam Village, Tiruvengadam Taluk, Tirunelveli District, Tamil Nadu by Thiru.C.Jegadeesan - For Environmental Clearance.**

**(SIA/TN/MIN/42577/2019, dated: 10.09.2019)**

The proposal was placed in 201<sup>st</sup> SEAC Meeting held on 12.02.2021. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Proponent, Thiru.C.Jegadeesan has applied for Environmental Clearance for the proposed Rough stone, Jelly & Gravel quarry lease over an extent of 1.46.5ha at S.F.No. 1040/5, 1041/1, 1041/2, 1041/3 & 1041/4 in Sevalkulam Village, Tiruvengadam 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.

On initial discussion as per Assistant Director (i/c), Geology & Mining Department, Tenkasi vide Lr.No.Rc.No.M1/33562/2016, dated: 31.10.2020, it was found that the proponent was asked to pay a sum of Rs.12, 23,196/- for unlawfully quarrying an amount of 3804cbm of minerals between 15.01.2016 to 10.01.2017 with a clear indication in the letter that this case will be considered as EC violation.

The project proponent Thiru.C.Jegadeesan informed that, he has filed a writ petition and obtained interim stay in WMP(MD) Nos. 19010 of 2019 and WP(MD) Nos.22237 of 2019 dated: 21.10.2019 and the case is still pending."

  
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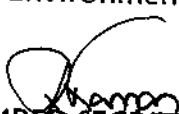
Hence, the SEAC decided that EC appraisal will be done only after obtaining the judgment for the case of WMP(MD) No. 19010 of 2019 and WP(MD) No.22237 of 2019, is pronounced.

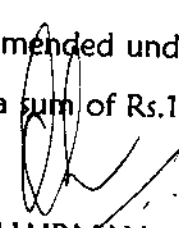
The project proponent has furnished the reply vide letter dated 29.11.2021 stating the direction of the honorable court “....pendency of the earlier writ petition would not stand in the way for the respondent to independently decide the application of the petitioner for grant of Environment Clearance. Therefore, this Court feel that, the petitioner would be entitled to get a direction from this Court by way of mandamus to the respondents to consider the application of the petitioner, dated 10.09.2019 and decide the same on merits and in accordance with law for grant of Environment Clearance....”

Hence, the proposal is now considered accordingly for the appraisal in this 259th meeting of SEAC held on 31.03.2022.

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

1. The proponent has submitted his application for environment clearance to the District Environment Impact Assessment Authority (DEIAA) as per the then requirements. Subsequently, the proposal was transferred to SEAC for examination.
2. The Assistant Director (i/c), Geology & Mining Department, Tenkasi vide Lr.No.Rc.No.M1/33562/2016, dated: 31.10.2020 has concluded that the PP has continued to operate the quarry after 15.01.2016 without obtaining EC, which is considered as violation case and dealt the case in accordance with the violation policy under EIA Notification 2006 dated 15th January, 2016 as amended under the Environment (Protection) Act, 1986, and asked the PP to pay a sum of Rs.12,

  
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23,196/- for unlawfully quarrying an amount of 3804cbm of minerals between 15.01.2016 to 10.01.2017.

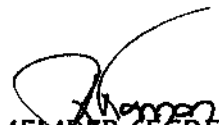
3. The PP has approached the Hon'ble High Court of Madras, Madurai Bench against the above order and obtained an interim stay. The main Writ Petition is yet to be disposed of.

4. As the case was pending disposal, SEIAA-TN decided to keep the examination of the proposal submitted by the PP in abeyance.

5. Now, the project proponent has obtained and furnished a judgment of the Hon'ble High Court in W.P(MD) No. 19402 of 2021, the operative portion of which is extracted below;

*"....pendency of the earlier writ petition would not stand in the way for the respondent to independently decide the application of the petitioner for grant of Environment Clearance. Therefore, this Court feel that, the petitioner would be entitled to get a direction from this Court by way of mandamus to the respondents to consider the application of the petitioner, dated 10.09.2019 and decide the same on merits and in accordance with law for grant of Environment Clearance...."*

The SEAC carefully examined the facts of the case with reference to documents made available and decided that based on the Mining Plan approved by the Deputy Director of Geology and Mining, Tirunelveli District in his letter dated Rc. No. M1 /33562/20016 dated 02.03.2019, the question of issuance of Environment Clearance can be examined after the PP submits the following documents;

  
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1. The PP shall submit a sworn affidavit, attested by a Notary, stating that he will pay the penalty imposed by the competent authority, in event of the Writ Petition filed by the PP is decided upholding the order imposing penalty.
2. An undertaking that the PP shall abide by the conditions laid down in the Notification issued S.O.804 (E) dated 14.03.2017, along with damage assessment etc.,.

**Agenda No: 259-20**

**(File No: 4393/2015)**

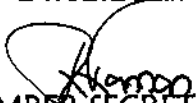
**Proposed Black granite quarry lease over an extent of 47.88.0Ha at S.F.No. 466 (Part) in Rendadi Village, Wallajah Taluk, Vellore District, Tamil Nadu by M/S. Tamil Nadu Minerals Limited - For Environmental Clearance Amendment – Extension of EC.**

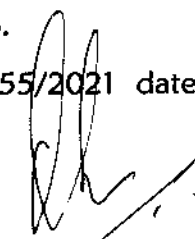
**(SIA/TN/MIN/263094/2022, dated: 23.03.2022)**

The proposal was placed in this 259<sup>th</sup> meeting of SEAC held on 31.03.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Proponent, M/S. Tamil Nadu Minerals Limited has applied for Environmental Clearance for the proposed Black granite quarry lease over an extent of 47.88.0 Ha at S.F.No. 466 (Part) in Rendadi Village, Wallajah Taluk, Vellore 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. EC obtained vide SEIAA-TN/F.No.4393/2015/1(a)/EC – 4555/2021 dated 24.02.2021.

  
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4. As per mining plan the lease period is for 20 years. The production for the five years states that the total quantity of recoverable reserves should not exceed 3,59,005 cu.m RoM with an ultimate depth of mining is 30m from the top of the hillock. The Annual peak production as per mining plan is 1750cu.m.
5. The scheme of mining –III has been approved by Director of Geology and mining, Chennai vide letter Rc.No.7613/MM4/2021 dated 25.02.2022.

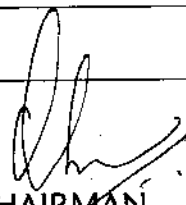
Based on the presentation and document furnished by the project proponent, SEAC decided to **recommend the proposal for the grant of Extension of Environmental Clearance** for the above notings, subject to the conditions stipulated in EC obtained vide SEIAA-TN/F.No.4393/2015/1(a)/EC – 4555/2021 dated 24.02.2021, 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. 2 Lakhs and the amount shall be spent for the following activities to Government School at Rendadi Village.

Sl. No.	Description
1	Providing books to school library and specifically books related to Environment.
2	Re-construction of Existing Toilets for Boys Toilet.
3	Re-construction of Existing Toilets for Girls Toilet.

  
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4	Books to school library.
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**Agenda No:TA-01.**

**(File No: 8660/2022)**

**Proposed Black Granite (Dolerite) Quarry over an extent of 1.24.5Hectare at S.F.No: 283/1B, 284/3, 284/6A & 277/4B of Adhikarapatty Village, Pappireddipatty Taluk, Dharmapuri District, Tamil Nadu by M/s. Sunshine Enterprises Pvt Limited - For Environmental Clearance.**

**(SIA/TN/MIN/218411/2021 dated 21.07.2021)**


The proposal was placed for appraisal in 242<sup>nd</sup> meeting of SEAC held on 03.02.2022. The details of the project furnished by the proponent are given in the website (Parivesh.nic.in)

The SEAC noted the following:

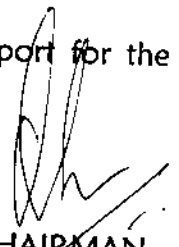
1. The Project Proponent of M/s. Sunshine Enterprises Pvt Limited has applied for Environmental Clearance Proposal for quarrying of Black Granite Quarry over an Extent of 1.24.5Ha at S.F.No: 283/1B, 284/3, 284/6A & 277/4B Adhikarapatty Village, Pappireddipatty Taluk, Dharmapuri District, Tamil Nadu.
1. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.

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

1. Since one house is located at a distance of 15m, the Project Proponent shall obtain Certificate from Director of Mines Safety.
2. The project proponent shall submit certified compliance report for the EC obtained earlier.

  
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Also the SEAC decided to make an on- site - spot inspection to assess the present status of the site by the sub-committee constituted by the SEAC. On receipt of the aforesaid details and Inspection report, SEAC would further deliberate on this project and decide the further course of action.

The Sub-Committee of SEAC visited the project site on 20.03.2022 (Sunday) to collect the factual information and took photographs of the salient features of the site to get the first-hand information of the site. The Sub-Committee inspection report was placed in this 259<sup>th</sup> meeting of SEAC held on 31.03.2022 and the observations of the Sub-committee are as follows,

**Observations Made by the Sub-Committee:**

1. The proposed Black Granite Quarry at Lease area over an Extent of 1.24.5 Ha at S.F. Nos. 283/1B, 284/3, 284/6A & 277/4B is situated at Adhikarapatty Village, Pappireddipatty Taluk, Dharmapuri District, Tamil Nadu.
2. The existing depth of quarry is ranging from 6 m to 30 m (western part) and the ultimate depth of the proposed quarry is fixed as 30 m as per the approved mining plan.
3. The benching is not completely done in the existing quarry as per the conditions specified in the approved mining plan.
4. The fencing which may completely restrict the entry of public to the mines is not provided to the existing quarry.
5. A Granite processing factory is located in 'non-functioning' condition at a distance of 30m in the east side of the existing quarry, in the Survey No.283/1A2 & 289/2 for an extent of 4.30 acres, which actually belongs to Sunshine Enterprises (P) Limited.
6. The earlier observation of the SEAC that there is a house located at a distance of 15 m northeast direction is an Old Shed but it is completely demolished now.

  
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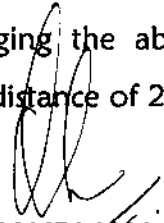
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7. The Periyandal Temple is situated in SF. No. 277/3 on west side of lease applied area, at a distance of 24 m from the boundary of the mine.
8. The rainwater is completely filled in the existing quarry pit and it is being pumped out to feed the plantations and agricultural purposes in the adjoining agricultural lands.
9. The mine is surrounded by well-maintained green belt and mostly covered by coconut plantations and neem trees.
10. Agricultural field exists near this mine which shows groundwater in this region not affected due to mining activity.

**Recommendations by sub-committee:**

1. As per the 230th meeting of SEAC instructions, the Executive Engineer of PWD had issued NOC to the proposed mines which mainly states that water from Noyyal River situated in the south-western and any other water bodies should not be used for quarrying purpose.
2. The Subcommittee has asked the proponent to submit the following documents to consider grant of Environmental Clearance for the aforesaid quarry:
  - a. A letter from the Village Administrative Officer that there is no public entry (or) pathway for public usage exists in the leasehold area of the quarry and within quarry site to satisfy the provisions of the Rule 36 (1) & (1-A) of the Tamil Nadu Minor Mineral Concession Rules, 1959.
  - b. The documental evidence to provide the ownership rights belongs to M/s. Sunshine Enterprises Private Limited and current status of the aforesaid Granite processing factory located a distance of 30 m in the east side of the existing quarry, in the Survey No.283/1A2 & 289/2 as it belongs to Sunshine Enterprises (P) Limited to satisfy the provisions of the Rule 36 (1-A) (a) of the Tamil Nadu Minor Mineral Concession Rules, 1959.
  - c. A letter of consent from the person(s) who are managing the above mentioned Temple located on west side of the quarry at a distance of 24 m

  
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stating that there is no objection for carrying out the quarrying operations in the future.

3. Further, the SEAC sub-committee has asked to comply the following conditions before the commencement of the quarrying operations if the Environmental Clearance is obtained from the competent authority.
  - a. The Fencing shall be installed around the boundary of the existing quarry, as per rule 36(4) of Tamil Nadu Minor Mineral Concession Rules, 1959.
  - b. The mine water shall be completely drained out in the western side of the existing quarry (towards the temple) before the commencement of backfilling operations.
  - c. The backfilling shall be done with a dimension of 30m ( L ) × 30.2 (W) × 21.89 m (D) in the western side of the existing quarry (near the temple direction) using the waste material available within the mine lease area to cover a length of 30 m from the boundary stretching towards eastern side of the existing quarry for bringing the land into the existing original and surrounding ground level condition to maintain 50 m distance horizontally from the outer toe of the above Temple building, as per rule 36(1) of Tamil Nadu Minor Mineral Concession Rules, 1959.
  - d. The backfilling operation shall be carried out in accordance with 'Code of Practice for Prevention of Injuries to Persons Engaged in Tipping on Stockpiles and Dumping of Overburden in Above Ground Mines' as recommended in the 7th Conference on Safety in Mines and given in DGMS Technical Circular No. 1 of 1989 under the supervision of statutory competent persons.
4. The SEAC sub-committee has recommended adopting only the non-explosive techniques such as Diamond-Saw cutting while carrying out the granite quarrying operations in the existing pit and no blasting operations shall be carried out.

  
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5. The proposed mine is well covered by green belt and it needs to be maintained continually while carrying out the quarrying operations.

Hence, the subcommittee opines the proposal for the grant of Environmental Clearance for the Black Granite Quarry at Lease area over an Extent of 1.24.5 Ha at S.F. Nos. 283/1B, 284/3, 284/6A & 277/4B is situated at Adhikarapatty Village, Pappireddipatty Taluk, Dharmapuri District, Tamil Nadu may be considered unless (i) a letter from the Village Administrative Officer stating that there is no public entry (or) pathway for public usage exists in the leasehold area of the quarry favoring the commencement of quarrying operations; (ii) a documental evidence to provide the ownership rights belongs to M/s. Sunshine Enterprises Private Limited and current status about the aforesaid Granite processing factory located a distance of 30 m in the east side of the existing quarry; (iii) a letter of consent from the person(s) who are managing the above mentioned Temple located on west side of the quarry for favouring the commencement of quarrying operations, are submitted to the SEIAA.

Besides, the Sub-committee recommends the SEAC to instruct the proponent to send the 'Notice of Opening' to the Director of Mines Safety, Chennai Region, Chennai-34 about the commencement of quarrying operations before executing the CTO.

Based on the Inspection report and documents furnished by the project proponent, SEAC decided that the project proponent shall furnish the following details as raised by the sub-committee during site inspection,

1. A letter from the Village Administrative Officer stating that there is no public entry (or) pathway for public usage in the leasehold area and any quarrying operations will not infringe any subsisting easements rights of public.

  
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2. A documentary evidence to prove the ownership rights of M/s. Sunshine Enterprises Private Limited to the leased area and current status about the granite processing factory located a distance of 30 m on the east side of the existing quarry.
3. A letter of consent from the community/person(s) who are managing the above mentioned temple located on west side of the quarry, stating that they have no objection to the quarry operations shall be submitted to the SEIAA/SEAC.

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

**Agenda No: TA - 02**

**(File No: 6898/2019)**

**Proposed Multi Colour Granite quarry over an Extent of 1.93.5 Ha in S.F.Nos. 1127/4 & 1127/5 of Irudhukottai Village, Denkanikottai Taluk, Krishnagiri District, TamilNadu by M/s. Anbura Minerals Pvt Ltd - For Environmental Clearance.**

**(SIA/TN/MIN/ 48038/2019 dated:29/06/2019)**

The proposal was placed for appraisal in 244<sup>th</sup> meeting of SEAC held on 09.02.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, M/s. Anbura Minerals Pvt Ltd has applied for Environmental Clearance for the proposed Multi Colour Granite quarry an Extent of 1.93.5 Ha in S.F.Nos. 1127/4 & 1127/5 of Irudhukottai Village, Denkanikottai Taluk, Krishnagiri District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1 (a)

  
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“Mining of Minerals Projects” of the Schedule to the EIA Notification, 2006.

3. The production for the five years states that the total quantity of recoverable as 24,000m<sup>3</sup> of ROM and the ultimate depth of mining is 10m below ground level.
4. ToR Issued vide letter No. SEIAA-TN/F.No.6898/SEAC/ToR-683/2020 dated: 22.01.2020.
5. Public hearing was conducted on 10.08.2021.

After examining the documents & project proposals furnished by the project proponent and based on the presentations & detailed deliberations, SEAC decided to make an on- site - spot inspection to assess the status of the site by the sub-committee constituted by the SEAC.


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

The Sub-Committee of SEAC visited the project site on 19.03.2022 (Saturday) to collect the factual information and took photographs of the salient features of the site to get the first-hand information of the site. The Sub-Committee inspection report was placed in this 259<sup>th</sup> meeting of SEAC held on 31.03.2022 and the observations of the Sub-committee are as follows,

Observations Made by the Sub-Committee:

- (i) This is fresh lease and applied for environmental clearance. There were no quarrying operations carried out in the proposed site during the visit.
- (ii) No Fencing has been installed around the boundary of the existing quarry, as per rule 36(4) of Tamil Nadu Minor Mineral Concession Rules, 1959.

  
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- (iii) It has been observed that the required safety zone of 50 m has been provided to a small temple is located in the patta land belongs to Mrs. Anjiyamma w/o Mr Kolanthappa in the northern side as per the conditions given in the Approved Mining Plan to satisfy the provisions of Tamil Nadu Minor Mineral Concession Rules, 1959 and Granite Conservation and Development Rules, 1999.
- (iv) It has been noted that the aforesaid safety zone of 50 m also covers the safety distance necessarily to be maintained for the Hand-pump fitted bore-well as per the conditions given in the Approved Mining Plan to satisfy the rule 36(1) of Tamil Nadu Minor Mineral Concession Rules, 1959 and the three houses are situated at a distance of 67 m on the north side of the proposed quarry.
- (v) It has been observed that a E.B pole is situated on the north side of the proposed quarry site at a distance of 13 m from the northern boundary of the quarry.
- (vi) It has been noted that the nearest village - Vanniapuram is located at a distance of 350 m from the proposed quarry site.
- (vii) It has been observed that the nearest Reserve Forest – Gullatty R.F is located at a distance of 2.05 km from the lease boundary of the proposed quarry .
- (viii) It was also observed that two families living in the houses located at a distance of 25 m in North Western side from the lease boundary of the proposed quarry were evacuated by the proponent and the house was demolished.

**Recommendations of the Sub Committee:**

1. The Fencing shall be installed around the boundary of the proposed quarry, as per rule 36(4) of Tamil Nadu Minor Mineral Concession Rules, 1959.
2. The Subcommittee has asked the proponent to submit the following documents to consider the grant of Environmental Clearance for the aforesaid quarry:

  
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- i. A letter from the Village Administrative Officer that there is no inhabited sites are located within a radius of 300 m from the proposed quarry site to satisfy the provisions of the Rule 36 (1) & (1-A) of the Tamil Nadu Minor Mineral Concession Rules, 1959.
  - ii. A copy of the letter obtained from the concerned District Forest Officer indicating the distance of location of the nearest R.F (namely, Gullatty R.F) from the proposed quarry site.
3. The SEAC sub-committee have recommended that in view of protecting the structures of the above houses and temple, (i) the quarrying operations shall be concentrated only in the southern and lower side of the existing lease at a distance of 100 m leaving adequate safety barrier from these structures; (ii) the non-explosive technique such as Diamond Stone Wire Saw Cutting technique shall be exclusively adopted for the quarrying the granite rock.
4. The Sub-committee recommends the SEAC to instruct the proponent to send the 'Notice of Opening' to the Director of Mines Safety, Chennai Region, Chennai-34 about the commencement of quarrying operations before executing the CTO.

Hence, the subcommittee opines the proposal for the grant of Environmental Clearance for the Multi Colour Granite Quarry at Lease area over an Extent of 1.93.5 Ha in S.F.Nos. 1127/4 & 1127/5 of Irudhukottai Village, Denkanikottai Taluk, Krishnagiri District, Tamil Nadu may be considered unless (i) a letter from the Village Administrative Officer stating that there are no inhabited sites/approved houses & crematory sites located within a radius of 300 m from the proposed quarry site favoring the commencement of quarrying operations; (ii) a documental evidence to be provided from the concerned District Forest Officer showing the exact distance of location of the nearest R.F (namely, Gullatty R.F) from the proposed quarry site, are submitted to the SEAC/SEIAA.

  
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Based on the Inspection report and documents furnished by the project proponent, SEAC decided that the project proponent shall furnish the following details as raised by the sub-committee during site inspection,

1. A letter from the Village Administrative Officer stating that there are no inhabited sites/approved houses & crematory sites located within a radius of 300 m from the proposed quarry site.
2. A letter from the concerned District Forest Officer showing the exact distance of location of the nearest Gullatty R.F from the proposed quarry site.

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

**Agenda No: TA – 03**

**(File No: 8531/2021)**

**Proposed Rough Stone quarry lease area over an extent of 0.93.0Ha at S.F.Nos.304/3, 304/4, 304/5, 317/2B, 317/2C1, 317/2C2, 317/2C3, 318/1B2, 318/1C1 & 318/1C2 of Mallanampatti Village, Nilakottai Taluk, Dindigul District, Tamil Nadu by Thiru-M.Baskaran- For Environmental Clearance.**

**(SIA/TN/MIN/209790/2021, dated: 20.04.2021).**

The proposal was placed for appraisal in 231<sup>st</sup> meeting of SEAC held on 03.09.2021. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru-M.Baskaran, has applied for Environmental Clearance for the proposed Rough Stone quarry lease area over an extent of 0.93.0Ha at S.F.Nos. 304/3, 304/4, 304/5, 317/2B, 317/2C1, 317/2C2,

  
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317/2C3, 318/1B2, 318/1C1 & 318/1C2 of Mallanampatti Village, Nilakottai Taluk, Dindigul District Tamil Nadu.

2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.

Based on the presentation and documents furnished by the project proponent, SEAC noted that there is a complaint from local Panchayat President on behalf of the village residents. 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, the committee would further deliberate on this project and decide the further course of action.

The Sub-Committee of SEAC visited the project site on 28.02.2022 (Monday) to collect the factual information and took photographs of the salient features of the site to get the first-hand information of the site. The Sub-Committee inspection report was placed in this 259<sup>th</sup> meeting of SEAC held on 31.03.2022 and the observations of the Sub-committee are as follows,

Observations Made by the Sub-Committee:

1. This is an existing quarry and applied for fresh lease. There were no quarrying operations observed during the visit.
2. No effective Fencing has been installed around the boundary of the existing quarry, as per rule 36(4) of Tamil Nadu Minor Mineral Concession Rules, 1959.
3. As per earlier lease deed conditions, the required safety distance of 7.5 and 10 m has not been provided to the adjacent Patta and Poramboke lands and quarrying had been carried out in the safety zone area also.
4. The Proponent has not maintained the 5m height and width with 45 degree slope from horizontal in order to avoid untoward incident as per regulation 106(2)(a) & 106(3) of the Metalliferous Mines Regulations 1961 and also he

  
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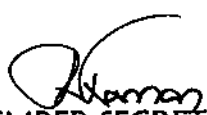
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has not carried out the quarrying operations in a skillful, scientific and systematic manner keeping in view of proper safety of the Labourers.

5. The owner of the mine, failed to appoint a duly qualified manager for overall management, supervision, direction and control of the mine resulting in contravention of regulation 34 of the Metalliferous Mines Regulations 1961.
6. It was also observed that a family is living in a shed located at a distance of 325 m in South Eastern side from the existing quarry and the resident – Thiru. R. Dasan have informed that the blast-induced ground vibration and fly rock produced from the quarry blasting operations have been reduced since the NONEL shock tube initiation system is in practice but otherwise the blasts were not properly carried out in a scientific and safe manner earlier using the Detonating Fuse initiation system.
7. There is no habitation within a distance of 300 m. However, it has been noted that a Solar Energy Producing Unit is located just adjacent to the boundary of the existing quarry at a distance of 2 m covering around 0.80 Ha on the boundary of the quarry site which is against the Rule No. 36 (1-A) (a) of the Tamil Nadu Minor Mineral Concession Rules, 1959.
8. No intensive growth of the Green belt has been observed on the boundary of the existing quarry even though it is in the operation for 40 years.
9. During the interaction with Mr. K. Murugan, Panchayat President, Malanampatti Village who had earlier sent the letter of complaint to the SEAC have categorically replied that there was a resolution made by the ward members of the Panchayat favoring the closure of the quarry operations. He also added that no CER/CSR funds were spent from the quarry side during the last 2 and half years for the developmental activities in the village.

  
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10. During the on-site enquiry with the villagers on 28.02.2022 by the sub-committee, namely, Mrs. Jaya Ponnukalai, Mr. Ganesan, Mrs. Valarmathi Selvaraj and Mr Karuppu Devar who are residing at a distance of more than 500 m from the quarry site, have supported the quarrying operations as it provides the employment opportunities.
11. During the above on-site enquiry, Mrs Jayalakshmi, VAO (i/c) have revealed that more complaints have come against the quarrying operations only after the installation of the solar power panel unit.

Recommendations of the Sub committee

1. The Subcommittee observed that the Village Panchayat President had agreed about the complaint letter which have been sent to the SEIAA against the quarrying operations based on the resolution made in the panchayat council meeting. Now, he did not want to provide any letter supporting the quarrying operations without the knowledge of the panchayat council ward members.
2. Secondly, the Subcommittee observed that the Solar Panel Power unit is situated at a distance of 2 m from the boundary of existing quarry which is violating the Rule No. 36 (1-A) (a) of the Tamil Nadu Minor Mineral Concession Rules, 1959 as vide Dist Collector Letter No. 380/2020, dated. 24.05.2021. In this regard, the Asst Director/Geology & Mining, Dindigul District have instructed the local Govt administrative officials such as Revenue Official/Dindigul, Thasildar/Nilakottai, the Block Development Officer/Vathalakundu to stop and remove the installation of solar panels vide letter no.44/2022, dated. 31.01.2022.

Hence, the subcommittee opines the proposal for the grant of Environmental Clearance for Proposed Rough Stone quarry lease area over an extent of 0.93.0Ha of Thiru. M. Baskaran at S.F.Nos.304/3, 304/4, 304/5, 317/2B, 317/2C1, 317/2C2, 317/2C3, 318/1B2, 318/1C1 & 318/1C2 of Mallanampatti Village, Nilakottai Taluk,

  
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Dindigul District Tamil Nadu may not be considered unless (i) a letter of consent from the local panchayat president favoring the commencement of quarrying operations; (ii) a letter of confirmation from the Asst Director /Geology & Mining, Dindigul District stating that the quarrying operations can be carried out with the presence of Solar Panel Unit located within 300 m radial distance of quarry; (iii) copy of the notice of opening sent to the Director of Mines Safety, Chennai Region, Chennai-34 about the commencement of quarrying operations, are submitted to the SEAC.


Based on the Inspection report and documents furnished by the project proponent, SEAC decided that the project proponent shall furnish the following details as raised by the sub-committee during site inspection,

1. A letter of consent from the local panchayat president favoring the commencement of quarrying operations;
2. A letter of confirmation from the Asst Director /Geology & Mining, Dindigul District stating that the quarrying operations can be carried out with the presence of Solar Panel Unit located within 300 m radial distance of quarry;
3. Copy of the notice of opening sent to the Director of Mines Safety, Chennai Region, Chennai-34 about the commencement of quarrying operations, shall be submitted to the SEAC.


**Agenda No. TA - 04**

**(File No. 1194/2013)**

**Existing Black Granite Quarry over an extent of 8.98.5 Ha at S.F. No. 883(Part),  
Ajjanahalli Village, Pennagaram Taluk, Dharmapuri District by M/s. Tamil Nadu  
Minerals Limited- for Environmental Clearance Under Violation.  
(SIA/TN/MIN/37405/2018)**

  
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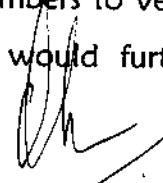
Now, the proposal was placed before the 109<sup>th</sup> SEAC Meeting held on 26.04.2018. The details of the minutes are given in website (parivesh.nic.in).

The proposal was placed in 133<sup>rd</sup> SEAC Meeting held on 24.08.2019. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. The Quarry lease was issued in the name of M/s.TAMIN Limited by the Principle Secretary to Government, Industries Department, Chennai, vide Letter. No. G.O. (3D) No. 02 dated 04/01/2011 for a period of 30 years to quarry black granite over an extent of 8.98.5 Hectares in S.F.No 883 (Part) of Ajjanahalli Village, Pennagaram Taluk, Dharmapuri District.
2. The unit was issued ToR under violation category vide Lr No .SEIAA-TN/F.No.1194/ToR-379/2018 dated 22/05/2018.
3. Quarrying Operation will be done by Opencast Semi Mechanised method.
4. Lease applied area is not covered under HACA region.
5. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area.
6. No Interstate boundary & Western Ghats Boundary within the radius of 5km from the lease area.
7. No National Park & Wild Life Sanctuary within the radius of 10km from the lease area.

The project proponent is requested to submit the aforesaid detail to SEIAA-TN on receipt of above details (Sl No. 1 to 5) from the Project Proponent, 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, the committee would further

  
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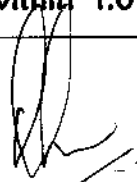
deliberate on this project and decide the further course of action.

observations Made by the Sub-Committee:

The Sub-Committee of SEAC visited the project site on 20.03.2022 (Monday) to collect the factual information and took photographs of the salient features of the site to get the first-hand information of the site. The Sub-Committee inspection report was placed in this 259<sup>th</sup> meeting of SEAC held on 31.03.2022 and the observations of the Sub-committee are as follows,

Sl No.	Criteria	Observation in the filed
1.	Year wise Mineral output	Noticed as per approved mining plan
2.	Formation of Benches & Fencing Provisions	Benches formed as per specification and fencings are installed around the quarry.
3.	Drilling , Blasting and Heavy Machinery use	As it is a semi-mechanized mine they will use.
4.	Adequate and qualified statutory personnel	Employed
5.	Waste dumps location	Within the lease hold area
6.	Habitation / Forest location	<b>Habitation:-</b> There is no habitation within 50 mts radial distance of lease hold area as per Rule 36(1) of TNMMCR, 1959. <b>Forest: Bevanur RF</b> is situated within 1.0 Km

  
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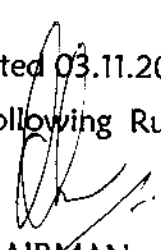
		radial distance of this existing lease hold area.
7.	Ground water table intersection.	The mining area is 95 meter from ground level. PP has proposed to mine up to a depth of 30 from top of the hill. Water table in this area is 14mts from GL. Hence there is no possibility of intersection ground water table.
8.	Green Belt development in safety zone and as per norms in terms of species and numbers.	Developed in safety zone and as per norms
9.	Mined Mineral storage	Mined Black granite Block material within leasehold area.
10.	Surface drainage	They have provided garland drain but it has been properly excavated during the course of mining.
11.	Mined material transport route	500 meters away from habitation

Recommendations of the Sub committee:

1. The Sub-committee has observed that the green belt is being developed on the Haulroad leading to the quarry site. However, it is recommended that the proponent shall maintain the green belt all around the quarry site covering a width of 10 m during the quarrying operations.
2. Secondly, the Subcommittee noted that in G.O(MS) No. 295 dated 03.11.2021 the Government in Industries Department has notified the following Rules

  
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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".*

Here, the Committee has observed that the Reserve Forest 'Bevanur RF' is located at a distance of 0.6 km from this project site and the proposal is, therefore, hit impacted by the above G.O. The Committee, therefore, decided not to recommend the proposal.

Hence, the subcommittee opines the proposal for the grant of Environmental Clearance for Existing Black Granite Quarry lease area over an extent of 8.98.5 Ha at S.F.No. 883(Part) of Ajjanahalli Village, Pennagaram Taluk, Dharmapuri District Tamil Nadu by M/s. Tamilnadu Minerals Limited, Tamil Nadu may not be considered as the Reserve Forest 'Bevanur RF' is located within 1 km (at a distance of 0.6 km) from this project site and the proposal is, therefore, hit by the G.O (MS) No. 295 dated 03.11.2021 issued by the Industries Department, Government of Tamil Nadu.

Based on the Inspection report, 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,*

  
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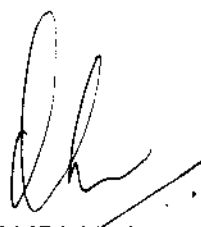
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*Government of India from time to time, whichever is more, from the boundaries of ecologically sensitive areas, environmentally and ecologically sensitive protected areas such as the National parks, Wild life Sanctuaries, Tiger Reserves, Elephant corridors and Reserve Forests".*

The Committee noted that the Bevanur Reserve Forest is located at a distance of 0.6km from this project site and the proposal is, therefore, hit by the above G.O. The Committee, therefore, **decided not to recommend the proposal.**

  
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## ANNEXURE

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

  
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approved Mining Plan as per the guidelines/circulars issued by DGMS w.r.t. safety in mining operations shall be strictly adhered to maintain the stability of waste dumps.

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

  
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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 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

  
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(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.

  
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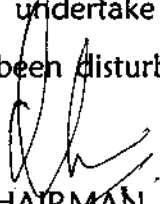
  
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21. The Project Proponent shall comply with the provisions of the Mines Act, 1952, MMR 1961 and Mines Rules 1955 for ensuring safety, health and welfare of the people working in the mines and the surrounding habitants.
22. The project proponent shall 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.
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

  
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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

  
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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

  
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57. *Toona ciliate* – **Sandhana vembu**  
58. *Thespesia populnea* - **Puvarasu**  
59. *Walsura trifoliata* - **valsura**  
60. *Wrightia tinctoria* - **Vep**

  
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## Appendix –II

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

-----சுரங்கம்

சுரங்கங்களில் சுவாரி செயல்பாடுகளுக்கான சுற்றுச்சூழல் அனுமதி கீழ்க்கண்ட நிபந்தனைகளுக்கு உட்பட்டு வழங்கப்பட்டுள்ளது SEIAA/\_\_\_\_, தேதி\_\_\_\_, சுற்றுச்சூழல் அனுமதி\_\_\_\_ தேதி வரை செல்லத்தக்கதாக உள்ளது.

பசுமை பகுதி வளர்ச்சி மேம்பாட்டுக்கான சுரங்கத் திட்டம்	சுவாரியின் எல்லைவரை 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 தண்ணீர் முறைப்பாக தண்ணீர் லாரிகளின் மூலமாக அவ்வப்போது தெளிக்க வேண்டும். இரைச்சல் அளவையும் தூசி மாகபாட்டையும் குறைப்பதற்காக சுவாரியின் எல்லைவரை சுற்றி அடர்த்தியான பசுமை பகுதியை ஏற்படுத்த வேண்டும்.
சுரங்கத்தில் வெடி வைக்கும்பொழுது நிலஅதிர்வுகள் ஏற்படாதவாறும் மற்றும் கற்கள் பறக்காதவாறும் பாதுகாப்பு நடவடிக்கைகளை உன்னிப்பாக செயல்படுத்தப்பட வேண்டும்.	
சுரங்கத்தில் இருந்து ஏற்படும் இரைச்சல் அளவு 85 டிசிபெல்ஸ் (dBA) அளவிற்கு மேல் ஏற்படாதவாறு தகுந்த கட்டுப்பாடுகளை மேற்கொள்ள வேண்டும்.	
சுரங்க சட்ட விதிகள் 1955ன் கீழ் சுரங்கத்தில் உள்ள பணியார்களுக்கு தகுந்த பாதுகாப்பு கருவிகள் வழங்குவதோடு சுகாதாரமுள்ள கழிப்பறை வசதிகளை செய்து தர வேண்டும்.	
கிராமம் அல்லது பஞ்சாயத்து வழிபாட வாகனங்கள் செல்லும் சாலைவரை தொடர்ந்து தன்கு பராமரிக்க வேண்டும்.	
சுரங்கப்பணிகளால் அருகில் உள்ள விவசாயப் பணிகள் மற்றும் தீர்திலைகள் பாதிக்கப்படக் கூடாது.	
தீர்திலைகள் பாதிக்கப்படாமல் இருப்பதை உறுதி செய்யும் வகையில் நிலத்தடி நீரின் தரத்தினை தொடர்ந்து கண்காணிக்க வேண்டும்.	
சுரங்கத்திலிருந்து கனிம பொருட்களை எடுத்துச் செல்வது கிராம மக்களுக்கு எந்தத் சிரமத்தினையும் ஏற்படுத்தாதவாறு பாதுகாப்போடும் மற்றும் சுற்றுச்சூழல் பாதிக்கவாத வண்ணம் வாகனங்களை இயக்க வேண்டும்.	
சுரங்கப்பணிகள் முடிக்கப்பட்டவுடன் சுரங்க மூடல் திட்டத்தில் உள்ளவாறு சுரங்கத்தினை மூட வேண்டும்.	
சுரங்க நடவடிக்கைகளை முடித்தபின்னர் சுரங்கப் பகுதி மற்றும் சுரங்க நடவடிக்கைகளால் இடையூறு ஏற்படக்கூடிய வேறு எந்தப் பகுதியையும் மறுகட்டுமானம் செய்து தாவரங்கள் விலங்குகள் ஆகியவற்றின் வளர்ச்சிக்கு ஏற்ற வகையில் பசுமைப்பகுதியை உருவாக்க வேண்டும்.	
முழுமையான நிபந்தனைகளை அறிய பாதிவேஷ் ( <a href="http://parishan.in">http://parishan.in</a> ) என்கிற இணையதளத்தைப் பார்வையிடுவும். மேலும் எந்தவித சுற்றுச்சூழல் சார்ந்த புகார்கள் சென்னையில் உள்ள சுற்றுச்சூழல் மற்றும் வன அமைச்சகத்தின் ஒருங்கிணைந்த வட்டார அலுவலகம்: 044 - 28222325 (அல்லது) தமிழ்நாடு மாக கட்டுப்பாடு வாரியத்தின் மாவட்ட சுற்றுச்சூழல் பொறியாளரை அணுகவும்.	

  
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