

**State Expert Appraisal Committee (SEAC)**

Minutes of 424<sup>th</sup> (Part – 2) meeting of the State Expert Appraisal Committee (SEAC) held on 18.11.2023 (Saturday) at SEIAA Conference Hall, 2<sup>nd</sup> Floor, Panagal Maligal, Saidapet, Chennai 600 015 for consideration of Mining projects, exclusively to consider files pending for a long time because the Proponent/EIA coordinator has not submitted the additional details sought by the Committee.

**Confirmation of Earlier Minutes**

The minutes of the 424<sup>th</sup> (Part – 1) SEAC meeting held on 16.11.2023 were circulated to the Members in advance and as there are no remarks, the Committee decided to confirm the minute.

**Agenda No: 424/2 - 01**

**(File No.4786/2016)**

Proposed Rough Stone quarry lease area over an extent of 1.25.0 Ha at S.F. No 629 (West) of Aniyappur Village, Marapparai Taluk, Trichirappalli District, Tamil Nadu by Thiru.P. Xavier (legal heir of late Thiru.A.Pitchaimuthu) - For Environmental Clearance. (SIA/TN/MIN/34145/2015, dated: 09.12.2015).

The proposal was placed for appraisal in the 424<sup>th</sup> (Part-2) Meeting of SEAC held on 18.11.2023. The details of the project furnished by the proponent are given in the website(parivesh.nic.in).

**The SEAC noted the following:**

1. The project proponent, Thiru.A.Pitchaimuthu has applied for Environmental Clearance for the Proposed Rough Stone quarry lease area over an extent of 1.25.0 Ha at S.F. No 629 (West) of Aniyappur Village, Marapparai Taluk, Trichirappalli District, Tamil Nadu. It is a Govt. Poromboke land.
2. The project/activity is covered under category "B" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification,2006.
3. Earlier, the proposal was placed for appraisal in the 291<sup>st</sup> & 335<sup>th</sup> meetings of SEAC held on 02.07.2022 & 06.12.2022 respectively.

  
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After reviewing the proposal in light of the order from Hon'ble Madurai Bench of Madras High Court in W.P (MD) No. 7879 of 2022 & W.P (MD) No.5919 of 2022 order Dt: 26.04.2022 and Tamil Nadu Minor Mineral Concession Rules, 1959, SEAC instructed the PP to furnish the valid lease & approved mining plan for the said quarrying operation to consider the appraisal for issue of EC.

With a view to take action on long pending files, the proposal is again placed in this 424<sup>th</sup> (Part-2) SEAC meeting held on 18.11.2023.

1. During the meeting, the EIA Co-ordinator stated that Thiru.P.Xavier (legal heir of late Thiru.A.Pitchaimuthu) has requested the District Collector, Trichy to extend the validity of the lease being operated earlier by the late Thiru. A. Pitchaimuthu and transfer it in his name as he is being declared as the legal heir of late Thiru A.Pitchaimuthu.
2. Since there was no response from the departments, the proponent has filed a petition in the High Court of Judicature at Madras at Madurai Bench vide W.P. (MD). No. 29180/2022 and was awaiting for hearing.
3. Hence, the proponent/ EIA Co-ordinator requested some additional time to furnish the details.


The SEAC, after detailed deliberations, **accepted the request of the proponent and decided that the proponent shall furnish the details requested by SEAC within a period of 6 months from the date of this meeting.**

**Agenda No: 424/2 - 02**

**(File No.7229/2019)**

**Proposed Gravel quarry lease over an extent of 4.66.0 Ha in S.F.No.100 (Part) of Poovali Village, Kalaiyarkovil Taluk, Sivagangai District, Tamil Nadu by Thiru. M. Muthukrishnan – for Environment Clearance. (SIA/TN/MIN/41661/2019 dated.24.08.2019)**

The proposal was placed for appraisal in the 424<sup>th</sup> (Part-2) Meeting of SEAC held on 18.11.2023. 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 Proponent, **Thiru. M. Muthukrishnan** has applied for Environment Clearance for the **Proposed Gravel quarry lease over an extent of 4.66.0 Ha in S.F.No.100 (Part) of Poovali Village, Kalaiyarkovil Taluk, Sivagangai District, Tamil Nadu.**
2. The project/activity is covered under Category "B" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
3. Earlier, the proposal was placed in the 139<sup>th</sup> SEAC meeting held on 23.11.2019. Based on the initial discussion with the proponent and 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.

With a view to take action on long pending files, the proposal is again placed in this 424<sup>th</sup> (Part-2) SEAC meeting held on 18.11.2023.

The Committee noted that the proponent has not furnished the details requested in the 139<sup>th</sup> SEAC meeting even after long period of 4 years. Hence, the Committee, after deliberations, **decided not to recommend the proposal for grant of Environmental Clearance.** Further, the proponent is advised to withdraw the duplicate proposal filed online vide Proposal No. SIA/TN/MIN/125946/2019 dated.18.11.2019.

**Agenda No: 424/2 - 03**

**(File No.7509/2020)**

**Proposed Black Granite quarry lease over an extent of 1.56.5 Ha at S.F.Nos.97/1(P), 98/3(P) & 99/3B2(P) of Nammandahalli Village, Palacode Taluk, Dharmapuri District, Tamil Nadu by M/s. Swathi Exports- For Environmental Clearance.**

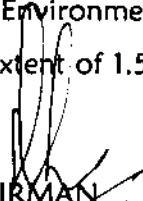
**(SIA/TN/MIN/143186/2020, dated: 14.02.2020)**

The proposal was placed for appraisal in the 424<sup>th</sup> (Part-2) Meeting of SEAC held on 18.11.2023. 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. Swathi Exports** has applied for Environmental Clearance for the **Proposed Black Granite quarry lease over an extent of 1.56.5**

  
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Ha at S.F.Nos.97/1(P), 98/3(P) & 99/3B2(P) of Nammandahalli Village, Palacode Taluk, Dharmapuri 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. Earlier, the proposal was placed for appraisal in the 207<sup>th</sup> SEAC meeting held on 17.03.2021.

Based on the presentation made and the documents furnished by the Project proponent, SEAC directed the proponent to furnish the following detail:

- i) The project proponent shall obtain NOC from Chief Wildlife Warden, since, the proposed rough stone mining site is nearby Cauvery wild life sanctuary.


With a view to take action on long pending files, the proposal is again placed in this 424<sup>th</sup> (Part-2) SEAC meeting held on 18.11.2023.


During the meeting the Committee noted that the following:

- i) The proposal now falls outside the ESZ of Cauvery North Wildlife Sanctuary and is situated 18km from the boundary of Cauvery South Wildlife Sanctuary. Therefore, the proposal does not attract NOC/NBWL Clearance.
- ii) Further, from the letter of Director, Dept. of Geology and Mining dated.14.09.2018, it was noted that the lessee had not obtained transport permit during the violation period from 15.01.2016 to 10.01.2017 and hence remittance of 100% cost of the mineral does not arise. Thus, the proposal does not fall under violation category.
- iii) However, the earlier Scheme of Mining Plan submitted by the proponent is valid only for the period 2016-2021 and thus expired in 2021.

During the meeting, the proponent stated that he is no longer interested in pursuing the application and therefore would like to withdraw the application.

The committee, after deliberations, decided to recommend to SEIAA to accept the request of the proponent to withdraw the application.

  
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Agenda No: 424/2 - 04

(File No.8510/2021)

**Proposed Earth (Savudu) quarry lease over an extent of 2.14.0 Ha at S.F.Nos. 12/1, 17/7B3, 17/15B, 17/16A, 18/2, 18/3B, 18/4, 18/11, 18/12A, 18/12B, 18/13A, 18/13B & 18/14A of Thachakadu Village, Bhuvanagiri Taluk, Cuddalore District, Tamil Nadu by Thiru. S. Sivaraj - For Environmental Clearance. (SIA/TN/MIN/ 208033/2021 Dt. 27.09.2021)**

The proposal was placed for appraisal in the 424<sup>th</sup> Meeting of SEAC held on 18.11.2023. The details of the project furnished by the proponent are given in the website(parivesh.nic.in).

**The SEAC noted the following:**

1. The project proponent, **Thiru.S.Sivaraj** has applied for Environmental Clearance for the Proposed Earth (Savudu) quarry lease over an extent of 2.14.0 Ha at S.F.Nos. 12/1, 17/7B3, 17/15B, 17/16A, 18/2, 18/3B, 18/4, 18/11, 18/12A, 18/12B, 18/13A, 18/13B & 18/14A of Thachakadu Village, Bhuvanagiri Taluk, Cuddalore District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
3. Earlier, the proposal was placed in the 252<sup>nd</sup> SEAC meeting held on 10.03.2022. The Committee, decided **not to recommend the proposal for grant of Environmental Clearance** due to following reasons.
  - i) The Permit/license has been issued for quarrying "Savudu" and therefore covered by the Judgment. "Savudu" is not among the list of minor minerals defined under Sec. 3(e) of the Mines and Minerals (Development and Regulation) Act 1957, read along with the relevant Rules.
  - ii) The composition/component of the minerals proposed to be quarried has not been tested in any laboratories authorized by Dept of Geology & Mining as directed in the Judgment dated.12.02.2021.
  - iii) The proponent has not produced letter from the Department of Geology and Mining stating that the location of quarry site does not lie adjoining to

  
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the rivers, streams, canals etc., and also does not come under any notified/declared protected zones in terms of the above Judgment.

However, the proposal was pending in the PARIVESH portal till date and hence it is again placed in this 424<sup>th</sup> (Part-2) SEAC meeting.

The Committee decided that the decision of the Committee made in the 252<sup>nd</sup> meeting as 'Not Recommended' shall be updated in the PARIVESH Portal and the proposal shall be closed and recorded accordingly. No further action is required on the file.

**Agenda No: 424/2 - 05**

**(File No.9280/2022)**

**Proposed Gravel quarry Lease over an extent of 4.44.0 Ha at S.F.Nos. 1611/1B & 1422/3 of Alampalayam Village, Dharapuram Taluk, Tiruppur District, Tamil Nadu by Thiru. R. Elaiyaraja – For Environmental Clearance. (SIA/TN/MIN/275003/2022 dated 27.05.2022)**

The proposal was placed for appraisal in the 424<sup>th</sup> (Part-2) Meeting of SEAC held on 18.11.2023. 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.Elaiyaraja** has applied for Environmental Clearance for the Proposed Gravel quarry Lease over an extent of 4.44.0 Ha at S.F.Nos. 1611/1B & 1422/3 of Alampalayam Village, Dharapuram Taluk, Tiruppur 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. Earlier, the proposal was placed in the 308<sup>th</sup> SEAC meeting held on 01.09.2022. Based on the presentation and document furnished by the project proponent, SEAC decided to call for the following details from the project proponent for further processing the proposal.
  - i) A letter from the Department of Geology and Mining stating that the location of quarry site does not lie adjoining to the rivers, streams, canals

  
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etc., and also does not come under any notified/declared protected zones in terms of the above Judgment.

- ii) A comprehensive letter obtained from Village Administrative Officer stating the habitations, river bodies, temples, school/colleges and other structures of importance, etc situated in the radius of 500m from the proposed site.
- iii) A legal agreement document on the land registration showing the ownership of the proposed project area.
- iv) A report stating the impact of mining on the habitations situated in the vicinity of the project area.

With a view to take action on long pending files, the proposal is again placed in this 424<sup>th</sup> (Part-2) SEAC meeting.

The Committee noted that the proponent has not furnished the details requested in the 308<sup>th</sup> SEAC meeting even after a period of 1 year. Further, from the KML file uploaded in the PARIVESH Portal, it was noted that around 48 houses/structures are situated abutting the project site on the western side. Further, a windmill is also located at a distance of about 50m from the project site on the eastern side.

In view of the above, the Committee after detailed deliberations, **decided not to recommend the proposal for grant of Environmental Clearance.**

**Agenda No. 424-06**

**(File No.5039/2019)**

**Proposed Multi-Coloured Granite Quarry lease over an extent of 1.45.0 ha in S.F.Nos.441/2 & 500/1 of Nelali Village, Kangeyam Taluk, Tiruppur District, Tamilnadu by Tmt. V. Gowri- For Environmental Clearance. (SIA/TN/MIN/133013/2019 Dated:23.12.2019)**

Earlier, this proposal was placed in the 170<sup>th</sup> SEAC Meeting held on 13.08.2020, 199<sup>th</sup> SEAC meeting held on 09.02.2021, 394<sup>th</sup> Authority meeting held on 10.09.2020 and 418<sup>th</sup> Authority meeting held on 11.01.2021 & 12.01.2021. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

  
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**The SEAC noted the following:**

1. The Proponent, Tmt. V. Gowri has applied for Environment Clearance for the proposed Multi-Coloured Granite (11,178m<sup>3</sup> @40% recovery) Quarry lease over an extent of 1.45.0Ha in S.F.Nos. 441/2 & 500/1 of Nelali Village, Kangeyam Taluk, Tiruppur District. It is an existing quarry.
2. The project/activity is covered under Category "B" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The proposal was placed in the 418th Authority meeting held on 11.01.2021 & 12.01.2021. After detailed discussion, the Authority noted as follows.

1. The Proponent has obtained the Environmental clearance for mining of multi- coloured granite of 1500 Cu.m for 5 years at a depth of 7m (2m Top soil +5m Multi coloured Granite) vide Lr. No.SEIAA-TN/F.No.5039/1(a)/ EC.No:3280/2016 dated:11.07.2016.
2. The Proponent has furnished the modified mining plan approved by the Director of Geology and Mining vide Rc.No.1707/MM5/2007 dated 15.06.2018 for quarrying of 11,178 cu.m from the year 2017-2018 to 2020-2021 stating as follows.
  - a. The proponent has proposed year wise production of with recovery of 20% (300 Cu.m/year) which was approved by the Commissioner of Geology & Mining.
  - b. It is reported that due to available variety, quality of colour granite and safe & systematic quarrying operation, the recovery of the colour granite was high within the ROM and the details of year wise achievement is as follows.

S.No	Year	Production
1	2016-17(from14.09.2016)	352.616
2	2017-2018(upto19.01.2018)	640.083
<b>Total</b>		<b>992.699</b>

- c. Accordingly the proponent has prepared and submitted the modified mining plan for the same quantity of mining with increased



recovery of 40% (From 300 Cu.m/year to 2856 Cu.m/year) for the remaining scheme period (2017-18 to 2020-21) and the same was approved by the Director of Geology & Mining, Chennai vide Rc.No.1707/MM5/2007 dated 15.06.2018.


3. Further the proponent has reported that they have stopped the quarry operation and applied for environmental clearance for the approved modified mining plan for the increase in recovery of production from 20% to 40%.
4. The Director of Geology and Mining, Industrial Estate, Guindy, Chennai-32 Vide Rc.No.1707/MM5/2007 dated 15.06.2018 has already given detailed justification report while approving this modified mining plan.


In view of the above, the Authority decided to request the Member Secretary, SEIAA to forward the proposal to SEAC for further course of action.

4. **The subject was placed in the 199<sup>th</sup> SEAC meeting held on 09.02.2021.** After detailed discussions, since the proponent has reported that they have stopped the quarry operation and applied for environmental clearance for the approved modified mining plan for the increase in recovery of production from 20% to 40%, SEAC decided that the proponent shall make a re-presentation of the project proposal.
5. Subsequently, the proposal was placed in 339<sup>th</sup> Meeting of SEAC held on 22.12.2022.

Based on the presentation made by the proponent and the documents furnished, the committee decided to ask the following details,

- (i) The PP shall submit the fresh preparation of First Scheme of Mining approved by the competent authority.
- (ii) The PP shall furnish certified compliance report obtained from the IRO/MoEF & CC, Chennai (or) the concerned DEE/TNPCCB.
- (iii) The PP shall furnish green belt details provided in the site.

  
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Now the proposal was placed in 424<sup>th</sup> Meeting of SEAC held on 18.11.2023. The PP requested time for submitting the documents as the scheme of mining is pending for approval. However, the Committee noticed from kml file that the mining activities were carried out in proposed quarry after 25/01/2016.

Hence SEAC decided that, SEIAA may write a letter to the concerned AD (Mines) to inspect the site and submit a detailed field investigation report on the site conditions as well as whether the PP had mined out the mineral from the aforesaid lease after 15.01.2016.

**Agenda No: 424-07**

**(File No: 5823/2016)**


**Proposed Multi- Coloured Granite quarry lease over an extent of 2.73.0 Ha at S.F.No. 492/2 of Nadanthai Village in Paramathivelur Taluk, Namakkal District, Tamil Nadu by M/s. M.M.Exports- For Extension of Environmental Clearance. (SIA/TN/MIN/251487/2022 dated 13.01.2022)**

Earlier the proposal was placed in this 315<sup>th</sup> Meeting of SEAC held on 29.09.2022. The details of the project furnished by the proponent are available in the website ([www.parivesh.nic.in](http://www.parivesh.nic.in)).

**The SEAC noted the following:**

1. The Project Proponent, M/s.M.M.Exports has applied for **Extension of Environmental Clearance** for the proposed Multi- Coloured Granite quarry lease over an extent of 2.73.0 Ha at S.F.No. 492/2 of Nadanthai Village in Paramathivelur Taluk, Namakkal District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification,2006.
3. M/s. M.M. Exports have obtained Environmental Clearance issued vide Lr. No. SEIAA-TN/F.No.5823/1(a)/EC.No:3856/2016 Dated: 18.11.2016.
4. As per mining plan, the lease period is for 5 years, the total quantity of recoverable should not exceed 9180m<sup>3</sup> Multi Colour Granite with an ultimate depth of mining is 13m (2m topsoil + 1m weathered rock + 10m Multi-coloured Granite).

  
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5. Lease Deed Executed on 05.01.2017 and the lease period is valid up to 04.01.2037 vide G.O(3D)No.70 Industries Department (MMB.2) Dated 30.11.2016 03 20.10.2016.
6. Mining Plan was approved by Director of Geology and Mining Guindy, Chennai (2022 – 2023 to 2026 - 2027) Rc No. 5253/MM4/2021 dated 20.12.2021.
7. The PP now applied for extension of validity of the Environmental Clearance for the remaining for the remaining Lease Period.

Based on the presentation made by the proponent, SEAC decided to ask the following details from the PP,

- (i) The PP have requested EC for life of mine, and hence the PP shall submit all details for life of mine.
- (ii) The PP shall complete fencing and green belt as committed.
- (iii) The PP shall complete the CSR activities as stipulated in the EC obtained vide Lr. No. SEIAA-TN/F.No.5823/1(a)/EC.No:3856/2016 Dated: 18.11.2016.

**Now the proposal was placed in 424<sup>th</sup> Meeting of SEAC held on 18.11.2023.**

Based on the presentation made by the proponent, SEAC decided to ask the following details from the PP,

- (i) The PP shall submit the revised affidavit for carrying out activities to comply with the conditions given in the CCR.
- (ii) The PP shall furnish the list of activities carried out partly or fully in accordance with CCR issued by the IRO, MoEF & CC, Chennai.
- (iii) The PP shall show the evidence of green belt development around the boundary of the mine lease and avenue roads by planting not less than 1250 no of trees.
- (iv) The PP shall furnish the proof or evidence for the CSR activities as stipulated in the EC obtained vide Lr. No. SEIAA-TN/F.No.5823/1(a)/EC. No: 3856/ 2016 Dated: 18.11.2016.
- (v) The PP shall provide the Revised EMP proposed for the life of the project.
- (vi) The PP shall furnish the revised CER details for the value of Rs. 10 lakhs as committed during the appraisal.

  
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**Agenda No. 424-08**

**(File No.7440/2020)**

**Proposed Earth quarry project over an extent of 0.60.0 Ha in S.F.Nos.111 (P), at Perumbakkam Village of Chengam Taluk, Tiruvannamalai District, Tamil Nadu by Thiru. S. Sasikumar – For Environmental Clearance (SIA/TN/MIN/41488/2019).**

Earlier the proposal was placed in the 159<sup>th</sup> SEAC Meeting held on 23.06.2020. The details of the project furnished by the proponent are available in the website ([www.parivesh.nic.in](http://www.parivesh.nic.in)).

**The SEAC noted the following:**

1. The Proponent, Thiru. S. Sasikumar, has applied for Environmental Clearance for the proposed Earth (6.000 m<sup>3</sup>) quarry project over an Extent of 0.60.0 Ha in S.F.Nos.111 (P), at Perumbakkam Village of Chengam Taluk, Tiruvannamalai District, Tamil Nadu.
2. The project/activity is covered under Category "B" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.

Based on the presentation made by the proponent and the documents furnished, the committee decided to defer the proposal for obtaining the letter from the Executive Engineer, PWD Department regarding the present status on the availability of mineral resources in the proposed mine lease area and legal issues, if any. Since the permission given by the PWD is more than one and half years old vide Lr.No.110/F.500/JDO.2/2018 dated 31.08.2018.

S.No	SEAC Query	Reply
1.	The committee decided to defer the proposal for obtaining the letter from the Executive Engineer, PWD Department regarding the present status on the availability of mineral	We have approached the department for the same and it was advised that all the applications in this sort have been stooped for processing and no files are executed even after obtaining EC due to internal departmental orders.

  
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	<p>resources in the proposed mine lease area and legal issues, if any.</p> <p>The proposal submitted by the proponent is non-contiguous hence the SEAC direct the proponent to revise the proposal with contiguous mine lease area</p>	<p>And, secondly the proposal is approved by the department and in view of SEAC if non-contiguous lease area is not applicable for recommendations, then based on our extent of application i.e., 0.60.0 ha will not be economically viable.</p> <p>Lastly, the application is for 3 months period and based on the previous proceedings the SEAC have not recommended any lease period less than 12 months.</p> <p>Therefore, considering these points we wish to bring to your kind notice and record that, we shall not proceed further and shall record our withdrawal of the application.</p>
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Further, the proposal submitted by the proponent is non-contiguous. Hence, the SEAC direct the proponent to revise the proposal with contiguous mine lease area.

**Now the proposal was placed in 424<sup>th</sup> Meeting of SEAC held on 18.11.2023.** The Project proponent has made a presentation along with clarification for the above shortcomings observed by the SEAC.

The committee noted that (i) the PP has requested for withdrawal of the application. (ii) The PP has not produced the documents and the mine lease applied area is non-contiguous beside the area of extent is also small which creates unsafe condition for the quarrying operation, Hence, the SEAC decided **not to recommend the project.**

**Agenda No: 424-09**

**(File No: 8728/2021)**

**proposed Earth (Savudu) Quarry lease over an extent of 1.82.5Ha in S.P.Nos. 133/4C2 (P), 133/11, 133/13, 134/1A1, 134/1A2, 134/2A & 134/2C of Velangipattu Village,**

  
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Bhuvanagiri Taluk, Cuddalore District, Tamil Nadu by Thiru.R.Rajendiran- For Environmental Clearance. (SIA/TN/MIN/223888/2021, Dated 09.08.2021)

Earlier the proposal was placed in this 338<sup>th</sup> Meeting of SEAC held on 14.12.2022. The details of the project furnished by the proponent are available in the website (www.parivesh.nic.in).


The SEAC noted the following:

1. The Project Proponent, Thiru.R.Rajendiran has applied for Environmental Clearance for the proposed Earth (Savudu) quarry lease over an extent of 1.82.5 Ha at S.F.Nos.133/4C2 (P), 133/11, 133/13, 134/1A1, 134/1A2, 134/2A & 134/2C of Velangipattu Village, Bhuvanagiri Taluk, Cuddalore District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification,2006.
3. As per the Notification issued by the Industries Department dated. 14.12.2022 which states that

*In exercise of the powers conferred by sub-sections (1) and (1A) of section 15 of the Mines and Minerals (Development and Regulation) Act, 1957 (Central Act 67 of 1957), the Governor of Tamil Nadu hereby makes the following amendments to the Tamil Nadu Minor Mineral Concession Rules, 1959, namely: -*

*In the said Rules, -*

- (1) *In rule, 7, in sub-rule (5), for the expression "Earth commonly called as savadu", the expression "ordinary earth which is used for filling or levelling purpose in construction work, embankments, roads, railways and building" shall be substituted;*
- (2) *In rule 12,*
  - (a) *The expression "savadu" wherever it occurs shall be omitted;*
  - (b) *In sub-rule (2), -*
  - (c) (ii) *in the second provision to clause claise (b), for the expression "earth", the expression "ordinary earth" shall be substituted;*

  
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- (d) In sub-rule (4), for the expression "earth", the expression "ordinary earth" shall be substituted;
- (4) In rule 36-A, for the expression "earth", wherever it occurs, the expression "ordinary earth" shall be substituted;
- (5) In rule 36-B, in the proviso to sub-rule (1), for the expression "earth", the expression "ordinary earth" shall be substituted; and
- (6) In APPENDIX II, under the heading "A. SEIGNIORAGE FEE", in tabular column, in column (2), against Serial Number 4 in column (1), for the expression "Earth", the expression "Ordinary Earth" shall be substituted....."

Considering the above legal implications, the SEAC Committee, therefore directed the proponent to submit the following additional details for further processing the proposal.


1. The composition/component of the minerals proposed to be quarried shall be tested in any of the laboratories authorized by the Dept of Geology & Mining as directed in the above Judgment.
2. The proponent should produce a letter from the Department of Geology and Mining stating that the location of quarry site does not lie adjoining to the rivers, streams, canals etc., and also does not come under any notified/declared protected zones in terms of the above Judgment.
3. On viewing the google map, the SEAC observed that there is an existing pit. Hence the AD (Geology & Mines) shall visit the site to submit the report on details of any excavation made earlier by the PP.
4. It was found two non-contiguous site present and EC shall be given for only for one contiguous site, hence the PP revise all the documents accordingly.

**Now the proposal was placed in 424<sup>th</sup> Meeting of SEAC held on 18.11.2023.** The Project proponent has made a presentation along with clarification for the above shortcomings observed by the SEAC.

  
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S.No	SEAC Query	Reply
1.	The composition/component of the minerals proposed to be quarried shall be tested in any of the laboratories authorized by the Dept of Geology & Mining as directed in the above Judgment.	The PP submitted test result from NIT, Tiruchirappalli vide Ref.No.NITT/RC/DD/2022-47 dated 22.08.2022.
2.	The proponent should produce a letter from the Department of Geology and Mining stating that the location of quarry site does not lie adjoining to the rivers, streams, canals etc., and also does not come under any notified, /declared protected zones in terms of the above Judgment	The PP submitted letter from AD(i/c), Geology and Mining vide Rc.No.21/Mines/2020 dated 23.08.22.
3.	On viewing the google map, the SEAC observed that there is an existing pit. Hence the AD (Geology & Mines) shall visit the site to submit the report on details of any excavation made earlier by the PP.	Proponent approaches the Dept of Geology and Mining and site visit is still pending. The PP request some more time to close this point of ADS.
4.	It was found two non-contiguous site present and EC shall be given for only for one contiguous site, hence the PP revise all the documents accordingly	Proponent intend to retain the one block (Block No-II).  S.F. No. 133/13 and 134/2C.

  
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		Quantity in the block II- 14,982m <sup>3</sup> of Gravel upto the depth of 3m (1m AGL + 2m BGL).
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Based on the presentation, SEAC decided that since the ADGM has not sent his report, SEIAA may write a letter to the Commissioner, Dept of Geology and Mining to obtain an explanation from the ADGM for not submitting the field inspection report based on the earlier direction of SEIAA and also to direct the concerned AD (Mines) now to inspect the site within a period of 2 weeks from the receipt of the letter from the office of the SEIAA and submit a detailed field investigation report on the site conditions as well as whether the PP had mined out the mineral from the aforesaid lease after 15.01.2016.

**Agenda No: 424 - 10**

**File No: 7798/2020**

**Proposed Brick Earth quarry over an extent of 0.91.50 Ha at S.F.No. 423 of Palamathi Village, Vellore Taluk, Vellore District, Tamil Nadu by Thiru. C. Saravanan - For Environmental Clearance. (SIA/TN/MIN/169717/2020, Dated: 26.08.2020)**


The proposal was placed for appraisal in this 424<sup>th</sup> – Part 2 meeting of SEAC held on 18.11.2023. 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. C. Saravanan has applied for Environmental Clearance for the Proposed Brick Earth quarry over an extent of 0.91.50 Ha at S.F.No. 423 of Palamathi Village, Vellore Taluk, Vellore District, Tamil Nadu.
2. The project/activity is covered under category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The ultimate depth of the quarrying: 1 m
4. Earlier, the proposal was placed in 187<sup>th</sup> SEAC Meeting held on 27.11.2020.

Based on the presentation made by the proponent and the documents furnished.

  
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SEAC directed the project proponent to furnish the registered consent/lease document from the land owner.

On receipt of the same, the SEAC will take further course of action on this proposal.

Based on the presentation made by the EIA coordinator, the SEAC **decided the file may be closed after recording that the PP has since expired.**

**Agenda No: 424 - 11**

**(File No: 8337/2021)**

**Proposed Rough Stone and Gravel quarry lease area over an extent of 2.72.5 Ha at S.F.Nos. 97/47, 97/48, 107/2, 107/3, 107/4 & 107/5, Thiruvakkarai Village, Vanur Taluk, Viluppuram District, Tamil Nadu by Thiru. N. Murugamani - For Environmental Clearance. (SIA/TN/MIN/198173/2021, Dated: 15.02.2021)**

The proposal was placed for appraisal in this 424<sup>th</sup> – Part 2 meeting of SEAC held on 18.11.2023. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

**The SEAC noted the following:**

1. The project proponent, Thiru. N. Murugamani, has applied for Environmental Clearance for the Proposed Rough Stone and Gravel quarry lease area over an extent of 2.72.5 Ha at S.F.Nos. 97/47, 97/48, 107/2, 107/3, 107/4 & 107/5, Thiruvakkarai Village, Vanur Taluk, Viluppuram 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. The production for the five years states that the total quantity of recoverable as 72992 cu.m of Rough Stone & 9180 cu.m of Gravel and the ultimate depth of mining is 37m below ground level.
4. Earlier, the proposal was placed for appraisal in this 226<sup>th</sup> meeting of SEAC held on 17.08.2021. Based on the presentation made and the documents furnished by the Project proponent, SEAC noted that there 3 nos. of existing pits in the proposed mine lease area where the mining activity was carried out without no bench formation, without leaving safety distance, not providing fencing &

  
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Greenbelt all along the periphery of the mined out area which revealed that the proponent has carried out mining activity without adhering to the conditions of the previous Environmental Clearance (EC) issued and mined out excess minerals violating Mining Rules. At this point appraisal of this project is deferred and the SEAC has decided that SEIAA shall obtain action taken report from the AD, Geology & Mines, Villupuram District.

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

5. Subsequently, the proposal was placed in 463<sup>rd</sup> Authority meeting held on 24.09.2021. After detailed discussions, the Authority decided to request MS-SEIAA to write a letter to AD mines, Department of Geology & Mining, Villupuram requesting to furnish clarifications as requested by SEAC as per the decision taken in 226<sup>th</sup> SEAC meeting and on receipt of details, to send the details of reply to SEAC.
6. A letter was addressed to the Deputy Director, Department of Geology and Mining, Viluppuram vide letter dated 17.11.2023.
7. The SEAC has observed that no reply was received from DD (Mines), Viluppuram.

Hence SEAC decided that, **SEIAA may write a letter to the Commissioner, Dept of Geology and Mining to obtain the explanation of the ADGM for not submitting the field inspection report** based on the earlier direction of SEIAA and also to direct the concerned AD (Mines) now to **inspect the site within a period of 2 weeks from the receipt of the letter from the office of the SEIAA and submit a detailed field investigation report** on the site conditions as well as whether the PP had mined out the mineral from the aforesaid lease after 15.01.2016.

Agenda No: 424 - 12

(File No: 7078/2020)

**Proposed Savudu quarry over an extent of 2.08.0 Ha at S.F.No. 69/7, 72/1, 72/2 & 72/3 of Keelnattukurichi Village, Ettayapuram Taluk, Thoothukudi District, Tamil Nadu**

  
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by Thiru.G.Vijayakumar- For Environmental clearance. (SIA/TN/MIN/41469/2019, dated 27.03.2020).

Earlier, the proposal was again placed in 336<sup>th</sup> SEAC meeting held on 07.12.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

**The SEAC noted the following:**

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

- i. There shall not be any grant of quarry lease without ascertaining the composition/component of the minerals and without obtaining the report from authorized lab. The Dept of Geology and Mining shall establish a lab on its own or shall authorize any lab in this regard.*
- ii. There shall not be any quarry operation in the name of colloquial terms/local terms and any lease shall be in accordance with minerals notified under section 3 (e) of the MMDR Act.*
- iii. A high-level committee has to be constituted, consisting of Geologists and Experts in the said field and eminent Officers from WRO, PWD to conduct a detailed study/survey on the possibility or the availability of the river sand on the adjacent patta lands to the rivers and those places, where sand is available, have to be notified and declared as protected zones and there cannot be any quarry operation other than by the Government, in those notified areas.*
- iv. The department of Geology and Mining, shall furnish the details of all the Savudu quarries granted so far, in the state of Tamil Nadu, to this court, within a period of eight weeks from the date of receipt of a copy of this order.*
- v. The details of all the Savudu quarries shall also be furnished to the High Level Committee and High Level Committee shall inspect those quarries to ascertain*

*the availability of sand in those quarries. In the event of High Level Committee ascertaining the availability of sand in these quarries, the same shall be reported to the Commissioner of Geology and Mining, marking a copy to this court and the Commissioner shall take necessary action as against the officials, who have granted quarry permits without ascertaining the composition of minerals.*

- vi. Any quarry operations shall be permitted only by way of lease agreement, as per Article 299(1) of constitution of India.*
- vii. The Government shall either adopt the Mineral Conservation Rules, 2017, framed by the Government of India or frame a separate Rule, as directed by the Hon'ble Supreme court in Deepak Kumar's case, within a period of six months from the date of receipt of a copy of this order.*
- viii. Whenever, SEIAA clearance is required, it shall be done only on physical inspection by deputing an officer attached to SEIAA and depending upon the report further proceedings may take place in accordance with law and there must be a mechanism to ensure the conditions of SEIAA are strictly complied with.*

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

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

As per the Notification issued by the Industries Department dated. 14.12.2022 which states that

  
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*In exercise of the powers conferred by sub-sections (1) and (1A) of section 15 of the Mines and Minerals (Development and Regulation) Act, 1957 (Central Act 67 of 1957), the Governor of Tamil Nadu hereby makes the following amendments to the Tamil Nadu Minor Mineral Concession Rules, 1959, namely: -*

*In the said Rules, -*

*(3) In rule, 7, in sub-rule (5), for the expression "Earth commonly called as savadu", the expression "ordinary earth which is used for filling or levelling purpose in construction work, embankments, roads, railways and building" shall be substituted;*

*(4) In rule 12,*

*(e) The expression "savadu" wherever it occurs shall be omitted;*

*(f) In sub-rule (2), -*

*(g) (ii) in the second provision to clause (b), for the expression "earth", the expression "ordinary earth" shall be substituted;*

*(h) In sub-rule (4), for the expression "earth", the expression "ordinary earth" shall be substituted;*


*(7) In rule 36-A, for the expression "earth", wherever it occurs, the expression "ordinary earth" shall be substituted;*

*(8) In rule 36-B, in the proviso to sub-rule (1), for the expression "earth", the expression "ordinary earth" shall be substituted; and*

*(9) In APPENDIX II, under the heading "A. SEIGNIORAGE FEE", in tabular column, in column (2), against Serial Number 4 in column (1), for the expression "Earth", the expression "Ordinary Earth" shall be substituted....."*

Considering the above legal implications, the SEAC, therefore directed the proponent to submit the following additional details for further processing the proposal.

1. The PP shall submit the revised/modified Mining Plan by removing the colloquial word 'Savudu' by substituting the appropriate legal name of the mineral approved by the Directorate of Geology and Mining.

  
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2. The composition/component of the minerals proposed to be quarried shall be tested in any of the laboratories authorized by the Dept of Geology & Mining as directed in the above Judgment.
3. The proponent should produce a letter from the concerned AD (Mines) stating that the location of quarry site does not lie adjoining to the rivers, streams, canals etc., and also does not come under any notified/declared protected zones in terms of the above Judgment.
4. PP shall furnish details about file No. 133950 pending in Parivesh portal for the same site.

Subsequently, the proposal was placed in 581<sup>st</sup> SEIAA meeting held on 22.12.2022. The authority noted that remarks seeking certain additional details in the 336<sup>th</sup> meeting of SEAC held on 07.12.2022.

In view of the above, the authority after detailed discussion decided to call for the following additional particulars from the project proponent in addition to the said additional particulars sought by the SEAC as follows

- I. Details of type of vegetations including no. of trees & shrubs within the proposed mining area and. If so, transplantation of such vegetations all along the boundary of the proposed mining area shall committed mentioned in EMP.
- II. Detailed study on loss to biodiversity, soil erosion, GHC, Co2 emission, Agriculture, Water table, Surface & underground drainage pattern due precipitation/rainfall& Temp. raise and its remediation/mitigation strategies shall be committed in EMP.

The proposal was again placed in this 424<sup>th</sup> (Part-2) meeting of SEAC held on 18.11.2023. During the meeting the Committee noted that the EIA Coordinator on behalf of project proponent has requested for withdraw of this online proposal no. **SIA/TN/MIN/41469/2019, dated 27.03.2020** seeking Environmental Clearance stating that the proponent is not having interest to carry out the quarrying operation in this proposed mining project due to substantial financial constraints.

  
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Therefore, based on the presentation and documents furnished by the project proponent, SEAC decided to recommend to SEIAA that request of the project proponents to withdraw his online proposal no. SIA/TN/MIN/41469/2019, dated 27.03.2020 seeking Environmental Clearance may be accepted and the file closed.

**Agenda No: 424 - 13.**

**(File No: 7505/2022)**

**Proposed Rough Stone and Gravel quarry lease area over an extent of 1.100.0 Ha at S.F.No.1551/2(P), Ponnivadi Village, Dharapuram Taluk, Tiruppur District, Tamil Nadu by Thiru.k.Jaysankar -For Environmental Clearance. (SIA/TN/MIN/148121/2020, dated: 09.03.2020)**

Earlier, the proposal was placed for appraisal in this 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, Thiru.K.Jaysankar, has applied for Environmental Clearance for the proposed Rough Stone and Gravel quarry lease area over an extent of 1.100.0 Ha at S.F.No.1551/2(P), Ponnivadi Village, Dharapuram 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.
3. The production for the five years states that the total quantity of recoverable as 69.035m<sup>3</sup> of rough stone & 610m<sup>3</sup> of gravel upto a maximum depth of 32m below ground level.

Based on the presentation and documents furnished by the project proponent, SEAC found that there was no fencing in the existing mine. Hence the project is deferred. The project proponent is requested to complete fencing and submit the fact to the Committee. On receipt of the aforesaid details, SEAC would further deliberate on this project and decide the further course of action.

  
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Subsequently, the proposal was placed in 485<sup>th</sup> SEAIAA meeting held on 15.02.2022. After detailed discussions, the Authority noted the minutes of the 242<sup>nd</sup> meeting of SEAC held on 03.02.2022. In view of the above, the Authority decided to request the Member Secretary, SEIAA to communicate the SEAC minutes to the project proponent requesting to furnish the additional details/documents sought by SEAC in 242<sup>nd</sup> meeting held on 03.02.2022.

The proposal was again placed in this 424<sup>th</sup> (Part-2) meeting of SEAC held on 18.11.2023. During the meeting the Committee noted that the EIA Coordinator on behalf of project proponent has requested for additional time to submit details sought by SEAC vide minutes of the 242<sup>nd</sup> meeting of SEAC held on 03.02.2022 including the CCR if applicable.

**Agenda No: 424 - 14.**

**(File No: 7512/2020)**

**Proposed Savudu Quarry over an extent of 3.00.0Ha in S.F.Nos.301/1(Part), Thiruninravur Village, Avadi Taluk, Tiruvallur District, Tamil Nadu by Thiru.D.Ramaraj - For Environmental clearance. (SIA/TN/MIN/148760/2020, Dt: 13.03.2020).**

Earlier, the proposal was again placed in 336<sup>th</sup> SEAC meeting held on 07.12.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

**The SEAC noted the following:**

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

- i. There shall not be any grant of quarry lease without ascertaining the composition/component of the minerals and without obtaining the report from authorized lab. The Dept of Geology and Mining shall establish a lab on its own or shall authorize any lab in this regard.*

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

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

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

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

1. The PP shall submit the revised/modified Mining Plan by removing the colloquial word 'Savudu' by substituting the appropriate legal name of the mineral approved by the Directorate of Geology and Mining.
2. The composition/component of the minerals proposed to be quarried shall be tested in any of the laboratories authorized by the Dept of Geology & Mining as directed in the above Judgment.
3. The proponent should produce a letter from the concerned AD (Mines) stating that the location of quarry site does not lie adjoining to the rivers, streams, canals etc., and also does not come under any notified/declared protected zones in terms of the above Judgment.

Subsequently, the proposal was placed in 581<sup>st</sup> SEIAA meeting held on 22.12.2022. The authority noted that SEAC has sought certain additional details stated therein 336<sup>th</sup> meeting of SEAC held on 07.12.2022. In view of the above, the authority after detailed discussion decided to call for the following additional particulars from the project proponent in addition to the said additional particulars sought by the SEAC as follows

  
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- I. Details of type of vegetations including no. of trees & shrubs within the proposed mining area and. If so, transplantation of such vegetations all along the boundary of the proposed mining area shall committed mentioned in EMP.
- II. Detailed study on loss to biodiversity, soil erosion, GHC, Co2 emission, Agriculture, Water table, Surface & underground drainage pattern due precipitation/rainfall& Temp. raise and its remediation/mitigation strategies shall be committed in EMP

The proposal was again placed in this 424<sup>th</sup> (Part-2) meeting of SEAC held on 18.11. 2023. During the meeting the Committee noted that the EIA Coordinator on behalf of project proponent has requested for withdraw of this online proposal no. **SIA/TN/MIN/148760/2020, Dt: 13.03.2020** seeking Environmental Clearance stating that the proponent is not having interest to carry out the quarrying operation in this proposed mining project due to substantial financial constraints.

Therefore, based on the presentation and documents furnished by the project proponent. SEAC decided to recommend to SEIAA that request of the project proponents to withdraw his proposal seeking Environmental Clearance may be accepted and the file closed.

**Agenda No: 424 - 15.**


**(File No: 7645/2020)**

**Proposed Savudu quarry over an extent of 3.33.20Ha in S.F.Nos.14(P), Thirupalaivanam - 1 Village, Ponneri Taluk, Tiruvallur District, Tamil Nadu by Thiru.S.Sureshbabu - For Environmental clearance.(SIA/TN/MIN/162730/2020, Dt: 09.07.2020).**

Earlier, the proposal was again placed in 336<sup>th</sup> SEAC meeting held on 07.12.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

**The SEAC noted the following:**

The Committee examined the proposal submitted by the proponent in the light of the Judgment issued by the Hon'ble Madurai Bench of Madras High Court in W.P.(MD)


  
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Nos.20903 of 2016, 23452, 24495, 17370 and 18035 of 2019 dated 12.02.2021. In this Judgment, the Hon'ble High Court was examining the legality of mining permits or license given by the Government for removal of minor minerals in the name of "Savudu" and other Colloquial terminologies and issued the following directions.

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

  
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- vii. *The Government shall either adopt the Mineral Conservation Rules, 2017, framed by the Central Government or frame a separate Rule, as directed by the Hon'ble Supreme court in Deepak Kumar's case, within a period of six months from the date of receipt of a copy of this order.*
- viii. *Whenever, SEIAA clearance is required, it shall be done only physical inspection by deputing an officer attached to SEIAA and depending upon the report further proceedings may take place in accordance with law and there must be a mechanism to ensure the conditions of SEIAA are strictly complied with.*

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

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

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

1. The PP shall submit the revised/modified Mining Plan by removing the colloquial word 'Savudu' by substituting the appropriate legal name of the mineral approved by the Directorate of Geology and Mining.
2. The composition/component of the minerals proposed to be quarried shall be tested in any of the laboratories authorized by the Dept of Geology & Mining as directed in the above Judgment.
3. The proponent should produce a letter from the concerned AD (Mines) stating that the location of quarry site does not lie adjoining to the rivers, streams, canals

etc., and also does not come under any notified/declared protected zones in terms of the above Judgment.

Subsequently, the proposal was placed in 581<sup>st</sup> SEIAA meeting held on 22.12.2022. The authority noted that SEAC has sought certain additional details stated therein 336<sup>th</sup> meeting of SEAC held on 07.12.2022. In view of the above, the authority after detailed discussion decided to call for the following additional particulars from the project proponent in addition to the said additional particulars sought by the SEAC as follows

- I. Details of type of vegetations including no. of trees & shrubs within the proposed mining area and. If so, transplantation of such vegetations all along the boundary of the proposed mining area shall committed mentioned in EMP.
- II. Detailed study on loss to biodiversity, soil erosion, GHC, Co2 emission, Agriculture, Water table, Surface & underground drainage pattern due precipitation/rainfall& Temp. raise and its remediation/mitigation strategies shall be committed in EMP

The proposal was again placed in this 424<sup>th</sup> (Part-2) meeting of SEAC held on 18.11. 2023. During the meeting the Committee noted that the EIA Coordinator on behalf of project proponent has requested for withdraw of this online proposal no. **SIA/TN/MIN/162730/2020, Dt: 09.07.2020** seeking Environmental Clearance stating that the proponent is not having interest to carry out the quarrying operation in this proposed mining project due to substantial financial constraints.

Therefore, based on the presentation and documents furnished by the project proponent, SEAC decided to recommend to SEIAA that request of the project proponents to withdraw his proposal seeking Environmental Clearance may be accepted and the file closed.

**Agenda No: 424 - 16.**

**(File No: 8247/2021)**

**Proposed Red Earth & Pebbles quarry lease area over an extent of 1.33.5Ha at S.F.Nos. 138/2, (Nothern part) Alathur Village, Marakkanam Taluk, Viluppuram District, Tamil**

  
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**Nadu by Thiru.T.K.Kumar - For Environmental Clearance. (SIA/TN/MIN/193032/2021, dated: 14.01.2021).**

Earlier, 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, Thiru.T.K.Kumar, has applied for Environmental Clearance for the proposed Red Earth & Pebbles quarry lease area over an extent of Earth & Pebbles quarry lease area over an extent of 1.33.5Ha at S.F.Nos. 138/2 (Northern part), Alathur Village, Marakkanam Taluk, Viluppuram 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 EIA Coordinator of this proposed mining site has informed that the proponent is absent for the presentation/appraisal for this SEAC meeting since the proponent is undergoing treatment for covid-19. Therefore, EIA coordinator requested the SEAC to grant permission for presentation/appraisal in any one of the forthcoming SEAC meeting. In this regard, SEAC accepted the request of the proponent and SEAC decided to take up for the proposal for appraisal in any one of the forthcoming SEAC meeting after the receipt of intimation of reason for his absence for the meeting from the proponent side.

The proposal was again placed for appraisal in this 270<sup>th</sup> meeting of SEAC held on 06.05.2022.

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

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

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

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

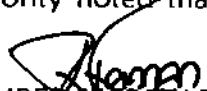
- No quarry lease shall be granted in areas where the test results indicate the presence of sand in the composition.
- No quarry lease shall be granted in the patta lands adjoining to the rivers, streams, canals etc.,
- No permission shall be granted for quarrying Gravel, Earth, etc., in patta land for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

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

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

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

Subsequently, the proposal was placed in 515<sup>th</sup> SEIAA Meeting held on 01.06.2022. The authority noted that SEAC has sought certain additional details stated therein 270<sup>th</sup>

  
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meeting of SEAC held on 06.05.2022. The Authority after detailed discussions the Authority decided to refer back the proposal to SEIAA after the receipt of following additional particulars regard to study report on the impact of mining from the proponent

1. Aquifer in the vicinity
2. Ground water potential and impact
3. Water bodies which include Eri/Odai/Lake located in the vicinity
4. Biodiversity
5. Marine/Coastal ecosystem
6. Change in land use and land cover
7. The EMP has to provide detailed mitigation strategies
8. Detailed Disaster management plan

The proposal was again placed in this 424<sup>th</sup> (Part-2) meeting of SEAC held on 18.11.2023. During the meeting the Committee noted that the EIA Coordinator on behalf of project proponent has requested for additional time to submit details sought by SEAC & SEIAA vide minutes of the 270<sup>th</sup> meeting of SEAC held on 06.05.2022 & 515<sup>th</sup> SEIAA Meeting held on 01.06.2022 respectively.

**Agenda No. 424-17**

**(File No: 3824/2020)**

**Existing Multi Colour Granite quarry lease over an extent of 4.94.5 Ha at S.F.No. 142/1 of Sullipalayam Village, Paramathivelur Taluk, Namakkal District, Tamil Nadu by Thiru P. Mayilvaganam – Extension for Environmental Clearance (SIA/TN/MIN/180759/2020 Dated 27.10.2020).**

The proposal was earlier placed in the 315<sup>th</sup> Meeting of SEAC held on 29.09.2022. The project proponent presented the details of the proposed quarry. The details of the proposed quarry furnished by the proponent are available in the website (parivesh.nic.in).

**The SEAC noted of the following:**

  
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1. The Project Proponent, Thiru.P.Mayilvaganam has applied for Extension of Environmental Clearance for the existing Multi Colour Granite quarry lease over an extent of 4.94.5 Ha in S.F.No. 142/1 of Sullipalayam Village, Paramathivelur Taluk, Namakkal District, Tamil Nadu
2. The proposed quarry/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. Initially, The proponent Thiru.P.Mayilvaganam, has obtained Environmental Clearance vide Lr. No. SEIAA-TN/F.No.3824/EC/1(a)/2460/2015 Dated: 24.11.2015 Multi Colour Granite Quarry over an extent of 4.94.5 Ha in S.F.No. 142/1 Sullipalayam Village, Paramathivelur Taluk, Namakkal District, Tamil Nadu State, with validity of Environmental Clearance coterminous with the mine lease period or limited to a maximum of 5 years from the date of issue whichever is earlier.
4. The project proponent has obtained certified compliance report from MoEF & CC, Chennai Region vide letter No. E.P.12.1/2021-22/SEIAA/31/TN/016 Dated 04.01.2022.
5. Now, as per the Mineral Concession Rules, 1960 & Granite Conservation and Development Rules, 1999, a Scheme of Mining was submitted for a five-year period (2020-21 to 2024-25) and the Scheme of Mining was approved by the Director of Geology and Mining, Guindy, Chennai vide Rc. No. 5227/MM4/2020, dated 14.10.2020.
6. The Scheme of Quarrying was prepared and approved for quantity not exceeding the quantity in previous Mining Plan and there shall be no modification in quantity or area of the proposal.
7. Now the project proponent has submitted online application vide Proposal No. SIA/TN/MIN/180759/2020 dated: 27.10.2020 system for extension of validity of the Environmental Clearance for the remaining Lease Period.
8. As per the mining plan, the lease period is for 20 years (upto 2036). The production for 5 years (as per approved scheme of mining 2020-21 to 2024-25) not to exceed –ROM – 12750m<sup>3</sup> (Recovery @60% = 7650 m<sup>3</sup>& Waste@ 40%

= 5100 m<sup>3</sup> **Multi Colour Granite**) with proposed depth of 12m(BGL). Annual Peak Production of ROM capacity: 2,550 m<sup>3</sup> (consistent from 1<sup>st</sup> to 5<sup>th</sup> year)

9. MoEF&CC Notification S.O. 221(E), Dt:18.01.2021.
10. MoEF&CC Notification S.O. 1807(E), Dt: 12.04.2022.
11. MoEF&CC O.M. Dt: 13.12.2022.

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 annual production capacity of the ROM not exceeding 2,550 m<sup>3</sup> under the provisions of MoEF & CC OM No. J-11011/15/2012-IA. II (M), dated. 20.03.2015 and MoEF & CC Notification S.O. 1141 (E) dated. 29.04.2015 subject to the standard and normal conditions stipulated by MOEF&CC, in addition to the specific conditions as stated therein.**

Subsequently, this proposal was placed in the 561<sup>st</sup> Meeting of SEIAA held on 18.10.2022. The authority after detailed discussion noted the following.

- a. On the initial scrutiny, it is ascertained that in the earlier Environmental clearance vide Lr. No. SEIAA-TN/F.No.3824/1(a)/ EC. No:2460/2015 dated: 24.11.2015 issued the production quantity approved was 7650 cbm @ 60% recovery as per the mine plan. Further, it was noted that the proponent had achieved a production quantity of only 1403.441 cbm. Hence, the proponent shall clarify the details regarding the difficulty in achieving 60% recovery as proposed in the previous Environmental Clearance.
- b. When there is a balance quantity of mineral which amounts to 6246.559 m<sup>3</sup> to be mined out of the earlier quantity approved, what is need for the next scheme of mining.
- c. What is the strategy proposed by the proponent to offset the variation in the recovery achieved against the proposed recovery. Since, it appears that the methodology of quarrying and the recovery achieved appears to be not sustainable.
- d. The proponent shall submit the details regarding if any newer technology is going to be implemented in order to achieve 60% recovery. Since, the data

  
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regarding the previous quantity mined out from the proposed quarry indicates an inconsistency in the quantity achieved in each year. Hence, the target of achieving 60% recovery seems to be not viable.

- e. Further, it is ascertained that there are neighbouring granite quarries which are existing, hence the proponent is requested to submit the recovery achieved in the neighbouring quarries and submit a detailed comparative study in order to assess the possibility of achieving 60% recovery as proposed.

In the view of the above, the authority decided to refer back the proposal to SEAC to examine with the above-mentioned and furnish the remarks to SEIAA.

Hence, the proposal was placed in the 328<sup>th</sup> SEAC meeting held on 11.11.2022. Based on the presentation made by the PP, SEAC decided that the replies given are inadequate and decided to call for detailed replies to the queries raised by SEIAA.

Again, the proposal was placed in the 424<sup>th</sup>- part2 SEAC meeting held on 18.11.2022. The Project proponent made a presentation along with the clarifications for the above shortcomings observed by the SEIAA.

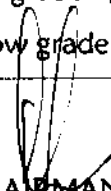
S.No	Query raised by SEIAA	Reply furnished by the PP
1	On the initial scrutiny, it is ascertained that in the earlier Environmental clearance vide Lr. No. SEIAA-TN/F.No.3824/1(a)/ EC. No:2460/2015 dated: 24.11.2015 issued the production quantity approved was 7650 cbm @ 60% recovery as per the mine plan. Further, it was noted that the proponent had achieved a production quantity of only 1403.441 cbm. Hence, the proponent shall clarify the details	EC Granted Quantity – 7650 cbm Dispatch Achieved – 3041.547 cbm As the Mining Plan was prepared by theoretical estimation and visible geology that the project area has an average variation of 2m topsoil thickness followed by Granite. Whereas during actual exploitation of mineral during the mining activity. It was encountered with weathered formation below the topsoil and then the Granite formation which was not a saleable quantum as it had defects and

  
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	regarding the difficulty in achieving 60% recovery as proposed in the previous Environmental Clearance.	such low-quality unsold blocks are stocked within the lease area. Therefore, due to the geological factors and market requirement we could not achieve the anticipated 60 % Recovery and only achieved 34%.
2.	When there is a balance quantity of mineral which amounts to 6246.559 m <sup>3</sup> to be mined out of the earlier quantity approved, what is need for the next scheme of mining.	Actual Balance Quantity = 0 cbm Because the total Production of ROM was achieved from the Mining Plan Period i.e., 7650 cbm which includes Sold Units of Granite, Granite Waste and un-sold low quality granite blocks. Now, as per the Granite Conservation and Development rules 1999, Rule 18 (2) it is mandatory to submit Scheme of Mining plan for every five years before 180 days of expiry of mining plan/ Scheme of mining plan.
3	What is the strategy proposed by the proponent to offset the variation in the recovery achieved against the proposed recovery. Since, it appears that the methodology of quarrying and the recovery achieved appears to be not sustainable.	Granite blocks are removed from disinterred geologic deposits, on the basis of density, Fractures /bedding planes as the depth increases the quality of deposit is predicted to be less in fractures and suitable for Market Requirement.  No Change in Mining Technique is proposed and existing methodology does suffice. Even expecting requirement for low grade granite blocks and the stacked low grade during


  
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		last mining plan period will be sold as per market requirement.
4	The proponent shall submit the details regarding if any newer technology is going to be implemented in order to achieve 60% recovery. Since, the data regarding the previous quantity mined out from the proposed quarry indicates an inconsistency in the quantity achieved in each year. Hence, the target of achieving 60% recovery seems to be not viable.	No Change in Mining Technique is proposed and existing methodology does suffice i.e., Double Blade Cutting Machine will be deployed in a sheet rock. Even expecting requirement for low grade granite blocks and the stacked low grade during last mining plan period will be sold as per market requirement.
5	Further, it is ascertained that there are neighbouring granite quarries which are existing, hence the proponent is requested to submit the recovery achieved in the neighbouring quarries and submit a detailed comparative study in order to assess the possibility of achieving 60% recovery as proposed.	An analysis study in comparison of different Mining Plan Prepared in the region was carried out and it was determined that there are 7 Quarries including this proposal and on an average all the Plans are proposed with 40 % to 60% recovery and achieved % in their previous operations are from 35% 55%. Which is clearly evident that the anticipated recovery can be achieved at greater depth of mining.

During the meeting, the proponent stated that he had requested for an automatic extension as per the MoEF&CC notification dated 12.04.2022 and O.M dated 13.12.2022 and hence requested for the same.

  
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SEAC noted that as per OM Dated 13.12.2022, Clarification on the amendment to EIA Notification 2006 issued vide S.O. No. 1807(E) dated 12.04.2022 with regard to validity of Environment Clearance, para 2 (ii) states that...

*"The Environment Clearances for which the project proponents have submitted the application for extension of validity as per the provisions of the EIA Notification 2006 as on the date of publication of Notification i.e., 12.04.2022 shall stand automatically extended to respective increased validity as mentioned at Para no. 1 column (C) above."*

**Based on the presentation made by the proponent, SEAC decided to confirm that the PP is eligible for 'automatic extension' of EC as per the above OM issued by the MoEF & CC. PP shall adhere to the conditions prescribed in the previous EC.**

As accepted by the Project proponent the CER cost is Rs. 10.0 lakhs and the amount shall be spent before obtaining CTO from TNPCB for the **Panchayat Union Primary School (Near Bus-stand), Sendamangalam** as committed, towards (i) construction of toilets with overtank/storage facilities (ii) flooring of all the class rooms including the office room with polished granite reject tiles (iii) creation of a smart class room facility with overhead project supported with a PC (iv) Creation of Library with Environmental related books.

**Agenda No: 424 - 18**

**File No: 5336/2016)**

**Existing Multi Colour Granite quarry lease over an extent of 1.47.0Ha in S.F.No: 151/1A and 151/3, Eratchi Village, Ettayapuram Taluk, Thoothukudi District, Tamil Nadu by Tmt. P. Nalinikumari- For Environmental Clearance.**

**(SIA/TN/MIN/53706/2016 Dt.12.05.2016)**

The proposal was earlier placed for appraisal in the 340<sup>th</sup> meeting of SEAC held on 23.12.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

**The SEAC noted the following:**

  
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1. The project proponent, Tmt. P. Nalinikumari has applied for Environmental Clearance for the Existing Multi Colour Granite quarry lease over an extent of 1.47.0 Ha in S.F.No: 151/1A and 151/3, Eratchi Village, Ettayapuram Taluk, Thoothukudi District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
3. It is an existing Multi Colour Granite quarry under operation without obtaining EC and having mining lease valid up to 26.03.2031.

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

- a) The PP shall furnish a 2<sup>nd</sup> scheme of approved mining plan and approval letter obtained from Director/ Asst. Director, Department of Geology.
- b) The PP shall furnish the NoC & Past Production details for the quarry operated obtained from the Director, Department of Geology and Mining.

Now, the proposal was placed for appraisal in the 424<sup>th</sup>- Part2 meeting of SEAC held on 18.11.2023. During the presentation, the PP has requested additional time to submit the further details as sought by the Committee. Hence, the Committee decided to defer this proposal.


**Agenda No. 424 – 19**

**File No. 7513/2020**

**Proposed Savudu Quarry lease over an extent of 1.00.0 Ha in S.F.Nos. 279/1(Part) in PWD Tank at Illupur Village, Tiruvallur Taluk, Tiruvallur District, Tamil Nadu by Thiru. D. Ramaraj – For Environmental Clearance. (SIA/TN/MIN/52335/2020) dated:**

The proposal was earlier placed in the 158<sup>th</sup> SEAC Meeting held on 22.06.2020. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

**The SEAC noted the following:**

  
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1. The Proponent, Thiru. D. Ramaraj has applied for Environmental Clearance for the Proposed Savudu Quarry lease over an extent of 1.00.0 Ha in S.F.Nos. 279/1(Part) in PWD Tank at Illupur Village, Tiruvallur Taluk, Tiruvallur District, Tamil Nadu for quarrying of 9000 Cu.m of Savudu up to a depth of 0.9m for a period of 75 days only.
2. The project/activity is covered under Category "B" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.

Based on the presentation made by the proponent and the documents furnished, the committee decided to defer the proposal to know the present status on the availability of mineral resources in the proposed mine lease area and legal issues, if any. Since the permission was given by the PWD more than one and half years back. The Monsoon inflow of the tank at every year will be varying. The Committee directed the project proponent to get the letter from EE, PWD whether the same quantity in the same tank in the same location is valid in the current year.

Hence the SEAC has directed the proponent to furnish the above said details and on receipt of aforesaid details, the SEAC would further deliberate on this project and decide the further course of action.

Now, the proposal was placed for appraisal in the 424<sup>th</sup>- Part2 meeting of SEAC held on 18.11.2023. During the meeting, the Project Proponent has requested for withdrawal of this application as he has decided not to continue the quarrying activity due to financial constraints. The Committee decided to accept the withdrawal request of the Project Proponent and communicate the same to SEIAA.

**Agenda No: 424 - 20**

**(File No:8227/2021)**

**Proposed Rough Stone quarry lease over an extent of 0.93.5Ha at S.F.Nos.220/29 & 219, Sathiyamangalam Village, Kulathur Taluk, Pudukkottai District, Tamil Nadu by Thiru.S.Manikandan- For Environmental clearance (SIA/TN/MIN/191354/2021 dated: 05.01.2021)**

The proposal was earlier placed for appraisal in the 200<sup>th</sup> SEAC meeting held on 11.02.2021. The details of the project furnished by the proponent are given in the

  
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website (parivesh.nic.in).

The SEAC noted the following:

1. The Proponent, Thiru.S.Manikandan, has applied for Environmental Clearance for the Proposed Rough Stone quarry lease over an extent of 0.93.5Ha at S.F.Nos.220/29 & 219, Sathiyamangalam Village, Kulathur Taluk, Pudukkottai District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The salient features of the proposed project as follows

File No	8227		Category	"B2" 1(a)
	SIA/TN/MIN/191354/2021, Dated:05.01.2021			EC
Sl. No	Salient Features of the Proposal			
1.	Name of the Owner/Firm	:	Thiru.S.Manikandan, S/o. S.M.Sait, No.51.52, Charles Nagar, 2 <sup>nd</sup> street, Pudukottai.	
2.	Type of quarrying (Ordinary Stone/Sand/Granite/Limestone)	:	Rough Stone Quarry	
3.	S.F Nos. of the quarry site with area break-up	:	S.F.Nos.220/29 & 219	
4.	Village in which situated	:	Sathiyamangalam	
5.	Taluk in which situated	:	Kulathur	
6.	District in which situated	:	Pudukottai	
7.	Extent of quarry (in ha.)	:	0.93.5 Ha	
8.	Latitude & Longitude of all corners of the quarry site	:	10°28'1.77"N 78°44'44.52"E	

  
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9.	Topo Sheet No.	:	58 - J/15	
10.	Type of mining	:	Opencast Semi mechanized Mining	
11.	Life of Project	:	5 years	
	Lease Period	:	5 years	
	Mining Plan Period	:	5 years	
12.	Mining Plan Details	:	As per approved Mining Plan	As modified by SEAC
	Geological Resources m <sup>3</sup> (RoM)	:	Rough Stone – 2,45,620 m <sup>3</sup>	Rough Stone – 2,45,620 m <sup>3</sup>
	Minable Resources m <sup>3</sup> (RoM)	:	Rough Stone – 76,126 m <sup>3</sup>	Rough Stone – 76,126 m <sup>3</sup>
	Annual Peak Production in m <sup>3</sup>	:	Rough Stone – 16,082 m <sup>3</sup>	Rough Stone – 15,386 m <sup>3</sup>
	Maximum Depth in meters	:	27m BGL	
13.	Depth of water table	:	35m -32m BGL	
14.	Man Power requirement per day:	:	18 Nos.	
15.	Water requirement:		3.0 KLD	
	1. Drinking water & Domestic	:	1.0 KLD	
	2. Dust suppression	:	1.0 KLD	
	3. Green belt	:	1.0KLD	
16.	Power requirement		TNEB 62,456Liters of HSD	

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17.	Precise area communication approved by the Joint Director / Assistant Director(i/c), Department of Geology and Mining	:	Roc.No.454/2019(G&M), dt:25.02.2020
18.	Mining Plan approved by Joint Director / Assistant Director(i/c), Department of Geology and Mining	:	Roc. No. 454/2019(G&M), dt: 21.05.2020
19.	Joint Director / Assistant Director(i/c), Department of Geology and Mining, 500m Cluster Letter	:	Roc. No. 454/2019(G&M), dt: 16.10.2020.
20.	VAO Certificate Regarding Structures within 300m Radius	:	Letter dated: 18.07.2019
21.	Project Cost (excluding EMP cost)	:	Rs. 15.25 Lakhs
22.	EC Recommendation	:	Validity
		:	30 years subject to the following upper limits.
		:	Rough Stone
		:	Max Total RoM in m <sup>3</sup>
23.	EMP cost (in Rs. Lakh).	:	70118 m <sup>3</sup>
		:	Annual Max RoM in m <sup>3</sup>
		:	15,386 m <sup>3</sup>
24.	Capital Cost (in Rs. Lakh).	:	Max Depth in mtrs
		:	27m BGL
25.	Capital Cost (in Rs. Lakh).	:	Capital Cost-Rs. 12,47,000/-

		Recurring Cost- Rs. 19,47,600
24.	CER cost (in Rs. Lakh).	: Rs. 5.0 Lakhs - as accepted by the PP

Based on the presentation made and documents furnished by the Project proponent, SEAC decided to recommend the proposal to SEIAA for grant of Environmental Clearance subject to the following conditions in addition to normal conditions.

1. Considering the Environment point of view, committee decided to restrict the ultimate depth of mining to 27m (2m+25m) BGL and the same was accepted by the proponent. Hence the quantity that shall be mined as per the approved mining plan is Topsoil: 9348m<sup>3</sup> and Roughstone: 70118m<sup>3</sup>

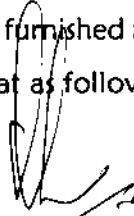
Subsequently, the proposal was placed in the 433<sup>rd</sup> authority meeting held on 17.03.2021. The Authority noted the following,

- The Deputy Director, Department of Geology & Mining, Pudukottai has furnished the details of existing, proposed and lease expired quarries located within 500m radius from this proposed quarry vide Rc.No.454/ 2019(G&M) dated 16.10.2020. As per the MoEF&CC cluster Notification dated 01.07.2016, the total cluster area is more than 5Ha considering the lease expired quarry operated by Thiru C.Rengaraj located at S.F.No.217/21,22 & 24 over an extent of 0.88.0 Ha for a lease period from 28.05.2014 to 27.05.2019.

In view of the above, the Authority decided to address the Deputy Director, Department of Geology & Mining, Pudukkottai to furnish the details of last permit issued to the lease expired quarry of Thiru C.Rengaraj located at S F.No 217/21, 22 & 24 over an extent of 0.88.0 Ha for a lease period from 28.05.2014 to 27.05.2019 and after receipt of the above details the proposal may be placed in the ensuing Authority meeting.

The above details was communicated to DD Mines, Pudukottai vide Lr.No.SEIAA-TN./F.No.8227/2020 dated, 29.03.2021. The DD Mines Pudukottai has furnished reply to SEIAA-TN vide Rc.No 454/2019(G&M) dated: 06.08.2021 stating that as follows

  
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- In the reference 3<sup>rd</sup> cited, it has been requested to furnish the details of the last permit issued to the lease expired quarry of Thiru C.Rengaraj located at S.F.No.217/21, 22 & 24 over an extent of 0.88.0 Ha for a lease period from 28.05.2014 to 27.05.2019.
- In this connection, on verification of this office records and register, it is informed that last permit was issued on 26.04.2019 vide bulk permit no 91404 with a validity upto 02.05.2019 to the said expired Roughstone quarry lease. In view of the above, the quarry done by Thiru.C.Rengaraj in S.F.No.217/21, 22 & 24 over an extent of 0.88.0ha for calculating the extent in 500 mts letter and needs to be included.

On perusal of 500mt letter given by Deputy Director Pudukottai, vide letter No. 454/2019(G&M), dated.06.10.2020 the total extent of mines within 500mts workout to 5.58.5ha. Hence the project will come under cluster area and ToR with Public Hearing has to be issued. In the view of the above the Authority after detail discussion decided to request MS-SEIAA to refer back the Proposal along with letter the Deputy Director dated.06.08.2021 to SEAC for reappraisal and recommendation.

Hence, the proposal was placed for appraisal in the 316<sup>th</sup> SEAC meeting held on 30.09.2022. During the meeting, the Committee noted that the project proponent has not attended the meeting. Hence the subject was not taken up for discussion and the project proponent shall furnish the reason for his absence.

Now, the proposal was placed for appraisal in the 424<sup>th</sup>- Part2 meeting of SEAC held on 18.11.2023. The Project proponent made a presentation along with the clarifications for the above shortcomings observed by the SEIAA.

During the meeting the PP submitted the following.

*"...The file was appraised in 200<sup>th</sup> SEAC meeting held on 11.02.2021 and the committee recommended issue of EC.*

*Subsequently, the authority raised the point during 433<sup>rd</sup> meeting held on 17.03.2021 whether the proposal should be considered under B1 or B2 Category. In this regard we invite the attention of the SEIAA and SEAC to the cluster letter issued by AD*

  
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Existing quarries			
Name of the Proponent	S F.No &	Extent	Lease period
Thiru. B Kajamaideen	217 1B etc	1.90.0	07.09.2018 to 06.09.2023
Proposed area			
Thiru. Bahurudeen	220 24B2	1.14.0	New Proposal
Thiru. S. Manikandan	220/24B2 etc..	0.93.5	New Proposal
M s. Veeram Stones Pvt Ltd	214 S, 214 S etc..	0.75.0	New proposal
Lease Expired Quarries			
Thiru. Theethappan	219	0.51.0	13.03.2007 to 12.03.2012
Thiru. L Thangadurai	217/6, 7A	0.88.0	03.07.2007 TO 02.07.2012
Thiru. M. Murugesan	214 2A, 24 5 etc..	0.73.0	17.06.2009 to 16.06.2014
Thiru. P Murugesan	217 2A etc ,	2.31.0	03.06.2010 to 02.06.2015
Thiru. C. Rengaraj	217 21 etc.,	0.88.0	28.05.2014 to 27.05.2019 <sup>10</sup>


*Geology and Mining dated: 16.10.2020. The details of Proposed and existing and expired lease are as below -*

*Regarding Thiru. Rengaraj the SEIAA decided to ask for the details of the last permit from Department of Geology and Mining and the same was communicated to SEIAA with the details of last permit which were issued for the previous operation of Thiru. Rengaraj and was clearly detailed from the letter that the lease granted to the applicant was expired and no subsisting lease was active with last permit issued was within the previous lease period. So we wish to register that we had filed our application in B2 category and at time of appraisal of the proposal it clearly came under B2 and was accordingly appraised by the SEAC".*

The SEAC carefully examined the replies and decided to reiterate its recommendation already made in the 200<sup>th</sup> SEAC meeting held on 11.02.2021. All the conditions recommended will also remain unchanged.

**Agenda No. 424 - 21**

**(File No. 9018/2022)**

  
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Proposed Gravel quarry lease over an extent of 3.20.0 Ha at S.F.Nos. 117/3, 117/4, 117/5 & 112 of T. Pudukkottai Village, Manamadurai Taluk, Sivagangai District, Tamil Nadu by Thiru.K.Neelamegam - For Environmental Clearance.

(SIA/TN/MIN/257294/2022 dated 18.02.2022)

The proposal was earlier placed in the 328<sup>th</sup> Meeting of SEAC held on 11.11.2022. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

**The SEAC noted the following:**

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


Earlier, this proposal was placed in the 281<sup>st</sup> Meeting of SEAC held on 03.06.2022. Based on the presentation and document furnished by the project proponent, SEAC decided to ask for the following additional details from the Project Proponent.

- Letter from any accredited Mine Surveyor or Irrigation Department, indicating the distance from the proposed quarry site to the nearby river course.
- The project proponent shall furnish soil analysis report obtained from anyone of the following test laboratories authorized by the Director of Geology and Mining.

The proponent has furnished the soil analysis report vide letter dt: 13.06.2022 and mine surveyor letter dt: 29.06.2022. Hence, the proposal was placed for reappraisal in this 307<sup>th</sup> Meeting of SEAC held on 26.08.2022.

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

Subsequently, this proposal was placed in the 552<sup>nd</sup> Meeting of SEIAA held on 20.09.2022. After detailed discussion the Authority decided to request the Member Secretary SEIAA-TN to refer back the proposal to SEAC-TN stating the following reasons,

  
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- It was noticed that a complaint dt: 23.06.2022 was received on 27.06.2022 objecting issue of Environmental Clearance for the proposed mining area for the said reasons stated therein by the complainant.

Again, the proposal was placed in the 328<sup>th</sup> Meeting of SEAC held on 11.11.2022. During the presentation, the PP has requested additional time to submit the further details as sought by the Authority. Hence, the Committee decided to defer this proposal.

Now, the proposal was placed in the 424<sup>th</sup> -part 2 Meeting of SEAC held on 18.11.2023. The Committee noted that the EIA Coordinator has requested for withdrawal of this application as the Proponent has passed away and no person is available to continue the quarrying. The Committee decided to accept the withdrawal request and communicate the same to SEIAA.

**Agenda No: 424 - 22**

**(File No: 9277/2022)**

**Proposed Black Granite Quarry lease over an extent of 1.10.0 Ha at S.F. Nos 516/2A3(P), 516/2A4(P), 516/2A5(P), 516/2A6(P), 516/2C(p) & 516/3(P) Vinnamangalam Village, Ambur Taluk, Vellore District, Tamil Nadu by Thiru. Raymond Ruban for Environmental Clearance (SIA/TN/MIN/272596/2022,Dt:13.05.2022)**

The proposal was earlier placed in the 301<sup>st</sup> meeting of SEAC held on 06.08.2022. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

**The SEAC noted the following.**

1. The Project Proponent, Thiru. Raymond Ruban has applied for Environmental Clearance for the proposed Black Granite Quarry lease over an extent of 1.10.0 Ha at S.F. Nos 516/2A3(P), 516/2A4(P), 516/2A5(P), 516/2A6(P), 516/2C(p) & 516/3(P), Vinnamangalam Village, Ambur Taluk, Vellore District Tamil Nadu.
2. The proposed quarry/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.

On the initial discussion, the Project Proponent has requested time to obtain DFO letter indicating the proximity distance of Reserve Forests, Protected Areas, Sanctuaries, Tiger

  
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reserve etc., up to a radius of 25 km from the proposed site. After the receipt of the above details, SEAC will further examine the proposal.

Subsequently, the proposal was placed in the 546<sup>th</sup> Authority meeting held on 27.08.2022. After detailed discussion, the Authority decided to obtain following details from the PP in addition to the above.

1. The PP shall carry out a study on Biodiversity in the proposed mining area.
2. The impacts of mining on flora, fauna & soil microorganisms in the mining area shall be studied.
3. The PP shall furnish details of soil erosion management and soil conservation plan.
4. Impacts of mining on the waterbodies and roads situated in the vicinity of the project area shall be studied.
5. The EMP should be revised including trees transplantation cost.


Now, the proposal was placed for appraisal in the 424<sup>th</sup>- Part2 meeting of SEAC held on 18.11.2023. During the presentation, the PP has requested additional time (i) to provide the DFO letter (ii) to submit the Scheme of Mining for the proposed quarrying operation duly approved by the competent authority. SEAC decided to accept the request of the PP and directed him to furnish the details within two months.

**Agenda No: 424 - 23**

**(File No: 4644/2015)**

**Existing Black Granite Quarry over an extent of 4.21.0Ha at S.F.No. 1405/3, 1406/4B, 1406/5, 1407/4 & 1407/5B, Mallankuzhi Village, Sathyamangalam Taluk, Erode District, Tamil Nadu by TVI.Southern Rocks and Minerals (P) Ltd - For Environmental Clearance. (SIA/TN/MIN/32483/2015 Dt: 04.11.2015)**

The proposal was earlier placed in the 80<sup>th</sup> meeting of SEAC held on 02.09.2016. The project proponent gave a detailed presentation. The details of the project furnished by the proponent are available on the PARIVESH web portal (parivesh.nic.in). The SEAC recommended the proposal subject to the condition inter alia, that NBWL Clearance shall be obtained.

  
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Meanwhile the Authority directed the PP to apply for ToR (violation category) in accordance with MoEF&CC Notifications dated: 14.03.2017 & 08.03.2018 regarding cases of violation. However, even after repeated reminders, the Proponent did not apply for ToR (violation category).

As the file was pending for long, the subject was taken up for discussion in the 339<sup>th</sup> meeting of SEAC held on 21.12.2022. The EIA coordinator requested the Committee for grant of time to obtain and submit the Second Scheme of Mining as a part of the Approved Mining Plan, after obtaining the consent from the Competent Authority. The SEAC agreed for the same and deferred the subject to a later date.

Now the proposal was placed in this 424<sup>th</sup> – Part 2 meeting of SEAC held on 18.11.2023. The EIA Coordinator informed the Committee that the PP intends to withdraw the application as he is not interested in continuing the proposed activity and that the PP has submitted withdrawal letter in this regard. Therefore, based on the presentation and documents furnished by the project proponent. SEAC decided to recommend to SEIAA that request of the project proponents to withdraw his proposal seeking Environmental Clearance may be accepted and the file closed.

**Agenda No: 424 - 24**

**(File No: 7409/2019)**

**Existing Quartzite quarry over an extent of 4.44.0Ha in S.F. Nos: 222, 223 at Kulasekaranallur Village, Ottapidaram Taluk, Thoothukudi District, Tamil Nadu by M/S R.R.Mineral,- For Environmental Clearance. (SIA/TN/MIN/ 35831 /2019 Dt: 07.05.2019)**

The proposal was earlier placed in the 342<sup>nd</sup> meeting of SEAC held on 30.12.2022. During the meeting the Committee noted that the project proponent has not attended the meeting. Hence the subject was not taken up for discussion and the project proponent shall furnish the reason for his absence.

The proposal was taken up for discussion in this 424<sup>th</sup> – Part 2 meeting of SEAC held on 18.11.2023. The EIA Coordinator informed the Committee that the PP intends to withdraw the application (Online application nos. 35831 and 132070) since it is a B1

  
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category proposal wrongly applied under B2. SEAC therefore decided to recommend to SEIAA to accept the request of the PP and close the file.

**Agenda No. 424 - 25**

**File No. 7514/2020**

**Proposed Savudu Quarry lease over an extent of 2.52.0 Ha in S.F.Nos. 243/1(Part) in PWD Tank at Koppur Village, Tiruvallur Taluk, Tiruvallur District, Tamil Nadu by Thiru. R. Vignesh – For Environmental Clearance.**

(SIA/TN/MIN/148610/2020 dated 12.03.2020)

The proposal was earlier placed in the 158<sup>th</sup> meeting of SEAC held on 22.06.2020. The Project Proponent made a detailed presentation about the proposal. The details of the project furnished by the proponent are available on the PARIVESH web portal (parivesh.nic.in).

**The SEAC noted the following:**

1. The Proponent, Thiru. R. Vignesh has applied for Environmental Clearance for the Proposed Savudu Quarry lease (PWD Tank) over an extent of 2.52.0 Ha in S.F.Nos. 243/1(Part) in PWD Tank at Koppur Village, Tiruvallur Taluk, Tiruvallur District, Tamil Nadu for quarrying of 22680 Cu.m of Savudu up to a depth of 0.9m for a period of 75 days only.
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, as amended.

Based on the presentation made by the proponent and the documents furnished, the committee decided to defer the proposal to know the present status on the availability of mineral resources in the proposed mine lease area and legal issues, if any. Since the permission was given by the PWD more than one and half years back. The Monsoon inflow of the tank at every year will be varying. The Committee directed the project proponent to get the letter from EE, PWD whether the same quantity in the same tank in the same location is valid in the current year.

SEAC directed the proponent to furnish the above said details and on receipt of aforesaid details, the SEAC would further deliberate on this project and decide the further course of action.

  
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The subject was taken for discussion in the 424<sup>th</sup> – Part 2 meeting of SEAC held on 18.11.2023. The EIA Coordinator informed the Committee that the PP intends to withdraw the application as he is not interested in continuing the proposed activity and that the PP has submitted withdrawal letter in this regard. Hence the Committee accepted the withdrawal request made by the Project Proponent and the Authority may close and record the file accordingly.

**Agenda No. 424 – 26**

(File No. 7878/2020)

**Proposed Gravel quarry lease over an extent of 1.24.0ha at S.F.No.1020/1 of Sivanmalai Village, Kankayam Taluk, Tiruppur District, Tamil Nadu by Thiru. K.Mythesh Kumar - For Environmental Clearance. (SIA/TN/MIN/174592/2020, dated: 22.09.2020)**

The proposal was earlier placed in the 205<sup>th</sup> meeting of SEAC held on 03.03.2021. 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, Thiru. K.Mythesh Kumar has applied for Environmental Clearance for the proposed Gravel quarry lease over an extent of 1.24.0ha at S.F.No.1020/1 of Sivanmalai Village, Kankayam Taluk, Tiruppur 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 as amended.

During initial discussions, SEAC noted that the consent has not been registered in applicant name. Hence the project proponent shall obtain the registration certificate towards the same.

The proposal was taken for discussion in this 424<sup>th</sup> part -2 meeting of SEAC held on 18.11.2023. The SEAC noted that PP has still not furnished the details called for and the file is pending for long for want of the said details. Hence the Committee after detailed discussions decided not to recommend the proposal for grant of Environmental Clearance.

**Agenda No. 424 – 27**

(File No. 8508/2021)

  
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Proposed Black Granite quarry lease area over an extent of 1.22.0Ha at S.F.No: 222/1B(P), 225/1B(P) & 225/2(P) of Athipakkam Village, Vandavasi Taluk, Thiruvannamali District Tamil Nadu by Thiru.A.Gunasekaran- For Environmental Clearance. (SIA/TN/MIN/207376/2021, dated: 31.03.2021)

The proposal was earlier placed for appraisal in the 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.A.Gunasekaran, has applied for Environmental Clearance for the proposed Black Granite quarry lease area over an extent of 1.22.0Ha at S.F.No222/1B(P), 225/1B(P) & 225/2(P) of Athipakkam Village, Vandavasi Taluk, Thiruvannamali 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 as amended.
3. The production for the five years states that the total quantity of recoverable as 8586 cu.m of Black Granite & 150 cu.m of Topsoil and the ultimate depth of mining is 23m.

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

1. 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.
2. Proponent shall ensure that the Noise level is monitored during mining operation at the project site and adequate noise level reduction measures undertaken.
3. The proponent shall erect fencing all around the boundary of the proposed area with gates for entry/exit as per the conditions and shall furnish the photographs/map showing the same before obtaining the CTO from TNPCB.

  
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4. Greenbelt needs to be developed in the periphery of the mines area so that at the closure time the trees would have grown well.
5. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
6. After mining is completed, proper levelling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
7. 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.
8. Proper barriers to reduce noise level, dust pollution and to hold down any possible fly material (debris) should be established by providing greenbelt and/or metal sheets along the boundary of the quarrying site and suitable working methodology to be adopted by considering the wind direction.
9. The operation of the quarry should not affect the agricultural activities & water bodies near the project site and a 50m safety distance from water body should be left vacant without any activity.
10. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village Road.
11. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable.
12. The proponent shall develop an adequate greenbelt with native species on the periphery of the mine lease area before the commencement of the mining activity, in consultation with DFO of the concerned district/agriculture.
13. 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 monitored by the concerned District Authorities.
14. 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

  
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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).

15. 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.
16. 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.
17. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mining activities.
18. 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 furnish the detailed EMP for 5 Lakhs mentioning all the activities particularly sanitizing facility for school as proposed in the CER and furnish the same before placing the subject to SEIAA.
19. All the conditions imposed by the Assistant Director, Geology & Mining, Tiruvannamalai District in the mining plan approval and the Precise area communication letter issued by concerned district collector should be strictly followed.

The proposal was placed in the 468<sup>th</sup> meeting of SEIAA held on 11.10.2021& 12.10.2021. After detailed discussion, the Authority noted as follows:

1. The project proponent, Thiru.A.Gunasekaran, has applied for Environmental Clearance for the proposed Black Granite quarry lease area over an extent of 1.22.0Ha at S.F.No222/1B(P), 225/1B(P) & 225/2(P) of Athipakkam Village, Vandavasi Taluk, Thiruvannamalai 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 as amended.

  
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3. In the 231<sup>st</sup> meeting of SEAC held on 03.09.2021, the SEAC has recommended the proposal for grant of Environmental Clearance subject to the following conditions among others.

The production for the five years states that the total quantity of recoverable as 8586 cu.m of Black Granite & 150 cu.m of Topsoil and the ultimate depth of mining is 23m.

4. On verifying the second scheme of mining plan, the Proposed quantity indicates only 4558cu.m of Black Granite (20% recovery) for the five years (from 2018-19 to 2022-23), whereas in the minutes of 231<sup>st</sup> meeting of SEAC held on 03.09.2021, it is mentioned as 8586 cu.m of Black Granite. Where in, already 3 years are completed (from 2018-2021).
5. The project proponent has furnished second scheme of mining which is approved for the period 2018-2023(30.03.2023). The total quantity of black granite (20% recovery) is indicated as 4558 m<sup>3</sup> for five years period. Whereas project proponent has applied on 07.04.2021. The detail of quarrying already done for three years period is not mentioned.

In view of the above, the Authority decided to refer back the proposal to the SEAC for re-examining the proposal in view of the reasons stated above and furnish the recommendations with above details for further course of action.

Hence the proposal was placed in the 241<sup>st</sup> meeting of SEAC held on 03.11.2021. The SEAC has noted the remarks & decision of refer back by SEIAA. The SEAC has noted that the following

- Proponent has obtained mining lease granted vide proceeding No G.O. (3D) No. 11 Industries (MME1) Department dated: 05.03.2008 for the lease period 31.03.2008 to 30.03.2028.
- Subsequently obtained EC for first scheme of mining Dt: 08.08.2016 valid for 5 years for 4415 cu.m of Black granite & depth of 18m (existing pit dimensions - 95L x 82W x 16D).

  
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- Second Scheme has been approved by the Director, Directorate of Geology and Mining, Guindy I.E, Chennai Dated 11.12.2020 for the period of 2018-19 to 2022-23.
- Now the project proponent has applied for Environmental Clearance for the proposed black granite quarry lease area over an extent of 1.22.0Ha at S.F.No 222/1B(P), 225/1B(P) & 225/2(P) of Athipakkam Village, Vandavasi Taluk, Thiruvannamali District, Tamil Nadu for the total production for the period of five years is 20% recoverable as 4558 cu.m of Black Granite & 150 cu.m of Topsoil and the ultimate depth of mining is 23m.

Also, SEIAA has stated that, while the project proponent applied on 07.04.2021, the details of quarrying already done for three -year period is not mentioned. In view of the above, SEAC noted that these matters are not brought to the notice of SEAC by SEIAA office during appraisal so that committee shall make precise decision. Hence, the project proponent may be called for appraisal in any one of the forthcoming meetings, considering the above issue raised after getting due clarification letter from AD/DD, Geology & Mining, Tiruvannamalai District.

Meanwhile the proposal was taken up for discussion in this 424<sup>th</sup> part-2 meeting of SEAC held on 18.11.2023. The SEAC observed the MoEF&CC Notification S.O. 1247(E), dated the 18 March, 2021, states that,

*".....the period from the 1st April, 2020 to the 31st March, 2021 shall not be considered for the purpose of calculation of the period of validity of Prior Environmental Clearances granted under the provisions of this notification in view of outbreak of Corona Virus (COVID-19) and subsequent lockdowns (total or partial) declared for its control, however, all activities undertaken during this period in respect of the Environmental Clearance granted shall be treated as valid...".*

SEAC further noted that as per amendment to EIA Notification 2006 issued by MoEF & CC vide S.O. No. 1807(E) dated 12.04.2022 with regard to validity of Environment Clearance,

  
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(iv) *The prior Environmental Clearance granted for mining projects shall be valid for the project life 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:*

*Provided that the period of validity of Environmental Clearance with respect to projects or activities included in this sub-paragraph may be extended by another twenty years, beyond thirty years, subject to the condition that the adequacy of the existing environmental safeguards laid down in the existing Environmental Clearance shall be examined by concerned Expert Appraisal Committee every five years beyond thirty years, on receipt of such application in the laid down proforma from the Project Proponent within the maximum validity period of Environmental Clearance of thirty years, and subsequently on receipt of such application in the laid down proforma from the Project Proponent within the validity period of the extended Environment Clearance, every five years for incorporating such additional environment safeguards in the Environmental Management Plan, as may be deemed necessary, till the validity of the mining lease or end of life of mine or fifty years, whichever is earlier.”;*

(b) *for the brackets, figures and words “(iii) Where the application for extension under sub-paragraphs (i) and (ii) has been filed”, the following shall be substituted, namely: -*

*“(v) Where the application for extension under sub-paragraphs (ii), (iii) and (iv) has been filed in the laid down proforma”.*

In view of the above, the SEAC decided to confirm that the Environment Clearance issued vide SEIAA Lr. No. SEIAA-TN/F.No.5186/EC/ 1(a)/EC.No.3689/2016, dated: 08.08.2016 is valid for the project life 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.

**Agenda No: 424 - 28**

**(File. No: 5870/2022)**

**Extension of validity of existing Multi Coloured Granite Quarry lease over an extent of 2.75.5 Ha in S.F.Nos. 483/2A of Nadanthai Village, Paramathivelur Taluk, Namakkal**

  
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**District, Tamil Nadu by M/s. M.M. Exports – Extension of validity of Environmental Clearance - Regarding. (SIA/TN/MIN/251491/2022, dated: 13.01.2022)**

The proposal was placed for appraisal in this 424<sup>th</sup> part 2 SEAC meeting held on 18.11.2023. The details of the proposed quarry furnished by the proponent are available in the website (parivesh.nic.in).

**The SEAC noted the following:**

1. The Project Proponent, M/s. M.M. Exports, has applied for extension of validity of Environmental Clearance for the existing Multi Coloured Granite Quarry lease over an extent of 2.75.5 Ha in S.F.Nos. 483/2A of Nadanthai Village, Paramathivelur Taluk, Namakkal District, Tamil Nadu.
2. The project/activity is covered under Category “B2” of Item 1(a) “Mining Projects” of the Schedule to the EIA Notification, 2006.
3. Earlier EC was issued vide Lr. No. SEIAA-TN/F.No.5870/1(a)/ ECNo:3894/2016 dated: 18.11.2016.
4. The PP has applied for Extension of the validity of the EC in Form 6 through Parivesh Portal.
5. The letter from Director, Directorate of Geology and mining, Guindy vide RC.No.5254/MM4/2021 Dated: 20.12.2021 states that the quantity approved by SEIAA is 10,260 cbm for the first five years period upto 04.01.2022; and the lessee has transported 4512.947 cbm from the lease hold area.
6. Further, the proponent had submitted scheme of mining for the year 2022-2023 to 2026-2027 for the proposed production of 10,248 m<sup>3</sup> @ 60% recovery for a maximum depth of 33m.
7. Earlier the proposal was placed in 315<sup>th</sup> SEAC meeting held on 29.09.2022. After examining the documents & project proposals furnished by the project proponent and based on the presentations & detailed deliberations, SEAC decided to recommend the proposal for the grant of Environmental Clearance.
8. Subsequently, the proposal was placed in 561<sup>st</sup> Authority meeting held on 18.10.2022. The authority after detailed discussion noted that
  - a. On the initial scrutiny, it is ascertained that in the earlier Environmental

  
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clearance vide Lr. No. SEIAA-TN/F.No.5870/1(a)/ EC. No:3894/2015 dated: 18.11.2016 issued the production quantity approved was 10,260 cbm @ 60% recovery as per the mine plan. Further, it was noted that the proponent had achieved a production quantity of only 4,789.754 cbm @ 15% average. Hence, the proponent shall clarify the details regarding the difficulty in achieving 60% recovery as proposed in the previous Environmental Clearance.

- b. When there is a balance quantity of mineral which amounts to 5470.246 m<sup>3</sup> to be mined out of the earlier quantity approved, what is need for the next scheme of mining.
- c. What is the strategy proposed by the proponent to offset the variation in the recovery achieved against the proposed recovery. Since, it appears that the methodology of quarrying and the recovery achieved appears to be not sustainable.
- d. The proponent shall submit the details regarding if any newer technology is going to be implemented in order to achieve 60% recovery. Since, the data regarding the previous quantity mined out from the proposed quarry indicates an inconsistency in the quantity achieved in each year. Hence, the target of achieving 60% recovery seems to be not viable.
- e. Further, it is ascertained that there are neighbouring granite quarries which are existing, hence the proponent is requested to submit the recovery achieved in the neighbouring quarries and submit a detailed comparative study in order to assess the possibility of achieving 60% recovery as proposed.

In the view of the above, the authority decided to refer back the proposal to SEAC to examine with the above-mentioned and furnish the remarks to SEIAA.

9. Subsequently, the proposal was again placed in the 328<sup>th</sup> SEAC meeting held on 11.11.2022. Based on the presentation made by the PP, SEAC decided that the replies given are inadequate and decided to call for detailed replies to the queries raised by SEIAA.

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

Now, the proposal was again placed in the 424<sup>th</sup> part 2 SEAC meeting held on 18.11.2023.


Based on the presentation made by the proponent and the documents furnished, the SEAC noted the following:

1. Previous EC was issued vide Lr. No. SEIAA-TN/F.No.5870/1(a)/ ECNo:3894/2016 dated: 18.11.2016 to M/s. M.M. Exports for existing Multi Coloured Granite Quarry lease over an extent of 2.75.5 Ha in S.F.Nos. 483/2A of Nadanthai Village, Paramathivelur Taluk, Namakkal District, Tamil Nadu for the production of 10,260 cu.m Multi Coloured Granite to a depth of 8m.
2. MoEF&CC Notification S.O. 221(E), Dated: 18.01.2021.
3. MoEF&CC Notification S.O. 1807(E), Dated: 12.04.2022.
4. MoEF&CC O.M. Dated: 13.12.2022.

Here, the EIA Co-Ordinator have made a request to the SEAC to consider the extension of the validity of EC automatically as stipulated in the Office Memorandum on 'Clarification on the amendment to EIA Notification 2006' vide MoEF & CC OM File No. 1A3-22/28/2022-1A.111 [E 1815184], dated. 13.12.2022. The SEAC have noted the following details furnished by the PP:

DESCRIPTION	PARTICULARS
Lease Period	20 Years
Environmental Clearance Obtained	Dated: 18.11.2016
Validity of EC as per COVID Extension as per S.O. 221 (E) Dated: 18.01.2021	Valid up to 17.11.2022

  
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MoEF & CC Notification S.O. 1807 (E) Dated: 12.04.2022	The prior Environmental Clearance granted for mining projects shall be valid for the project life 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.
Environmental Clearance Extension Applied	Dated: 13.01.2022
MoEF & CC Clarification OM Dated: 13.12.2022 for Notification S.O. 1807 (E) Dated: 12.04.2022	<p>Applicability of clause (i)</p> <p><i>The validity of the Environmental Clearance, which had not expired as on the dated of publication of notification, i.e., 12/04/2022, shall stand automatically extended to respective increased validity as mentioned at para no. 1 column (C) above.</i></p> <p><i>"Provided that the period of validity of Environmental Clearance with respect to the type of projects and activities listed at para 1 above may be extended in respect of valid Environmental Clearance, by the regulatory authority concerned, by a maximum period of years as indicated at para No. 1 Column (D) above, if an application is made in the land down proforma to the regulatory authority by the applicant as per the provisions of EIA Notification 2006: provided further that the regulatory authority may also consult the concerned Expert Appraisal Committee Before grant of such extension."</i></p>

  
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	In this project, the Environmental Clearance valid up to <b>07.02.2022</b>
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1. The Project Proponent was granted for a lease to quarry Grey Granite for a period of 20 years over an extent of 2.75.5 Ha in S.F.Nos. 483/2A of Nadanthai Village, Paramathivelur Taluk, Namakkal District. The lease deed has been executed on 05.01.2017 and the lease period is valid up to 04.01.2037.
2. The PP had obtained the 'Prior Environmental Clearance' vide Lr. No. SEIAA-TN/F.No.5870/1(a)/ ECNo:3894/2016 dated: 18.11.2016 for the production of 10,260 cu.m Multi Coloured Granite to a depth of 8m based on the Mining Plan approved by the competent authority, Letter. No: 3834/MM5/2015 Dated: 20.10.2016, in the Survey Number of 483/2A of Nadanthai Village, Paramathivelur Taluk, Namakkal District, Tamil Nadu for the production of 10,260 cu.m Multi Coloured Granite to a depth of 8m with **a validity for a period of 5 years from the date of execution of the Mining lease period.**
3. However, the validity of EC granted earlier due to expire on 17.11.2021 had been extended and **now expired on 17.11.2022** observing the MoEF & CC OM : S.O. 221(E), dated. 18.01.2021 in view of the outbreak of Corona Virus (COVID-19) and subsequent lockdowns (total or partial) declared for its control, implementation of projects or activities in the field which states that  
*"....the Central Government, hereby makes the following further amendments in the notification of Government of India, in the erstwhile Ministry of Environment and Forests, number S.O. 1533 (E), dated the 14th September, 2006, published in the Gazette of India, Extraordinary, Part-II, Section 3, Sub-section (II), namely:-*  
*"....(ii) for paragraph 9A, the following paragraph shall be substituted namely:-*  
*"9A. Notwithstanding anything contained in this notification, the period from the 1st April, 2020 to the 31st March, 2021 shall not be considered for the purpose of calculation of the period of validity of Prior Environmental Clearances granted under the provisions of this notification in view of outbreak of Corona Virus (COVID-19) and subsequent lockdowns (total or partial)*

*declared for its control, however, all activities undertaken during this period in respect of the Environmental Clearance granted shall be treated as valid.....”.*


4. However, the PP have filed an application through online for obtaining the extension of validity of EC for operating the remaining lease period in the same S.F.Nos. 483/2A without exceeding the total ROM quantity and annual peak production capacity on **13.01.2022**.
5. Based on the presentation and request made by the PP, the committee had observed that the PP had filed the application for grant of extension of validity of earlier EC issued before 12.04.2022 while the lease period executed is subsisting as on 12.04.2022 for the same survey number. Further, the SEAC had taken a note on the Office Memorandum on 'Clarification on the amendment to EIA Notification 2006' issued by the MoEF & CC OM File No. 1A3-22/28/2022-1A.111 [E 1815184], dated. 13.12.2023 which states, sub para (i) of Para 2 which states that

*“...The validity of the Environmental Clearances, which had not expired as on the date of publication of Notification i.e., 12/04/2022, shall stand automatically extended to respective increased validity as mentioned at para no. 1 column (C) above.”*

Therefore, based on the above MoEF & CC Office Memorandum dated. 13.12.2022 and the presentations subsequently made by the PP, the **SEAC decided to confirm that the validity of the Environmental Clearance stands automatically extended to the validity period of the project life 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, and subject to the terms and conditions stipulated under the provisions of EIA Notification 2006, since the PP had submitted the application for extension of validity as per EIA Notification 2006 as on the date of publication of Notification (12/04/2022),**

**Agenda No: 424 - 29**  
**(File No. 7298/2019)**

  
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Proposed Rough Stone and Gravel lease over an extent of 4.36.5 ha in S.F.Nos.241/1B2B3B1A, Thirakoil Village, Vandavasi Taluk, Tiruvannamalai District, Tamil Nadu by Thiru. J. Santhanam – for Environment Clearance. (SIA/TN/MIN/144588/2020, dated: 21.02.2020)

The project proposal was placed in the 424<sup>th</sup> part 2 SEAC meeting held on 18.11.2023. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

**The SEAC noted the following:**

1. The project proponent, Thiru. J. Santhanam applied for Environmental Clearance for the proposed Rough Stone and Gravel lease over an extent of 4.36.5ha in S.F.Nos. 241/1B2B3B1A, Thirakoil Village, Vandavasi Taluk, Tiruvannamalai 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. Earlier, the proposal was placed in 180<sup>th</sup> SEAC meeting on 08.10.2020. Based on the presentation made and the documents furnished by the project proponent, SEAC directed to furnish the following details:
  1. SEAC noted that the project proponent submitted the letter from Assistant Director, Geology and Mines, Tiruvannamalai District vide Letter No. RC.No. 27/ Kanimam /2018 dated. 30.7.2019 for quarries within 500m radius of the proposed quarry are more than 1 year 3 months. Hence, the project proponent shall furnish the details of present status of quarries within 500m radius of the proposed quarry from the Assistant Director, Geology and Mines, Tiruvannamalai District.
  2. The details of open and pump wells (Location, groundwater level) around 500 m from the proposed quarry lease area to be furnished.
  3. The village map and "A" register along with photographs showing the evidence of trees planted for the earlier mines to be furnished.
  4. On verification of the online application, the company name mentioned as GEO EXPLORATION MINING. Instead of Thiru. J. Santhanam, needs to

be rectified.

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

4. Subsequently, the Project proponent furnished the above said details to SEIAA-TN on 27.11.2020.
5. The subject was once again placed in the 209<sup>th</sup> SEAC meeting held on 09.04.2021 and the presentation was not in order. After detailed discussion the committee decided that the project proponent shall make a re-presentation.

File No		7298/2020	Category	B2
		144588/2020		1(a)
Sl. No	Salient Features of the Proposal			
1.	Name of the Owner/Firm	:	Thiru. J. Santhanam S/o. Janakiraman No.23/2, Barathi Street Ram Nagar, Ambattur Taluk Tiruvallur District - 600 053	
2.	Type of quarrying (Ordinary Stone/Sand/Granite/Limestone)	:	Rough Stone & Gravel Quarry	
3.	S.F Nos. of the quarry site with area break-up	:	241/1B2B3B1A	
4.	Village in which situated	:	Thirakoil	
5.	Taluk in which situated	:	Vandavasi	
6.	District in which situated	:	Tiruvannamalai	
7.	Extent of quarry (in ha.)	:	4.36.5 Ha	
8.	Latitude & Longitude of all corners of the quarry site	:	12°27'08.41"N to 12°27'19.83"N 79°29'06.90"E to 79°29'15.60"E	
9.	Topo Sheet No.	:	57 - P/07	
10.	Type of mining	:	Opencast Mechanized Mining	


  
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11.	Life of Project	:	5 years	
	Lease Period	:	5 years	
	Mining Plan Period	:	5 years	
12.	Mining Plan Details	:	As per approved Mining Plan	As modified by SEAC
	Geological Resources m <sup>3</sup> (RoM)	:	Rough Stone	Rough Stone
			12,56,010 m <sup>3</sup>	
			Gravel	Gravel
			1,07,658m <sup>3</sup>	
	Mina ble Resources m <sup>3</sup> (RoM)	:	Rough Stone	Rough Stone
			4,75,435m <sup>3</sup>	4,72,595 m <sup>3</sup>
			Gravel	Gravel
			83,976 m <sup>3</sup>	-
	Annual Peak Production in m <sup>3</sup>	:	Rough Stone	Rough Stone
			1,07,290m <sup>3</sup>	-
			Gravel	Gravel
			56,238m <sup>3</sup>	-
	Maximum Depth in meters	:	38m (3m Gravel + 35m Rough Stone)	
13.	Depth of water table	:	50m in rainy & 55m in summer season	
14.	Man Power requirement per day:	:	46 Nos	
15.	Water requirement:		7.94 KLD	
	4. Drinking & utilized water	:	1.34 KLD	
	5. Dust suppression	:	3.8 KLD	
	6. Green belt	:	2.8 KLD	
16.	Power requirement	:	TNEB	

  
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			3.94,352 Litres of HSD will be used for entire project life		
17.	Precise area communication approved by the District Collector, Dept of G&M	:	Rc.No.27/Kanimam/2018, dated: 12.07.2019		
18.	Mining Plan approved by Assistant Director, Dept of Geology & Mining.	:	Rc.No.27/Kanimam/2018, dated: 30.07.2019		
19.	Department of G&M, Assistant Director, 500m Cluster Letter	:	Rc.No.27/Kanimam/2018, dated: 30.07.2019		
20.	VAO Certificate Regarding Structures within 300m Radius	:	Letter Dated: 29.07.2020		
21.	Project Cost (excluding EMP cost)	:	Rs. 68,64,085		
22.	EC Recommendation	:	Validity	30 years subject to the following upper limits.	
				Rough Stone	Gravel
		:	Max Total RoM in m <sup>3</sup>	4,72,595m <sup>3</sup>	83,976 m <sup>3</sup>
		:	Annual Max RoM in m <sup>3</sup>	1,07,290m <sup>3</sup>	56,238m <sup>3</sup>
		:	Max Depth in mtrs	38m (3m Gravel + 35m Rough Stone)	
23.	EMP cost (in Rs. Lakhs).	:	Capital Cost – Rs. 38,31,550 Recurring Cost – Rs. 25,53,127		
24.	CER cost (in Rs. Lakhs).	:	Rs. 5,00,000		

  
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Now, the proposal was again placed in the 424<sup>th</sup> part - 2 SEAC meeting held on 18.11.2023. Based on the presentation and documents furnished by the project proponent, SEAC **decided to recommend the proposal for the grant of Environmental Clearance** for the annual peak production capacity of not exceeding 1,07,290 m<sup>3</sup> of **Rough Stone by maintaining the ultimate depth of mining up to 38 m** and subject to the standard conditions as per the **Annexure I** of this minutes & normal conditions stipulated by MOEF &CC, in addition to the following specific conditions:

1. The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier, vide MoEF&CC Notification S.O. 1807(E) dated 12.04.2022.
2. The PP shall not employ any external agency for carrying out the blasting operation and he shall also install the temporary magazines approved by the concerned licensing authority to store only the authorized explosives & detonators separately in accordance with the Explosive Rules, 2008 before the execution of the lease.
3. The PP shall carry out the scientific studies **within a period of one year** from the commencement of quarrying operations, to design the controlled blast parameters for reducing the blast-induced ground & noise from the blasting operations carried out in the overburden/side-burden formation of the proposed quarry, by involving anyone of these reputed Research and Academic Institution such as CSIR-Central Institute of Mining & Fuel Research / Dhanbad, NIRM/Bangalore, IIT-Madras, NIT-Dept of Mining Engg, Surathkal, and Anna University Chennai-CEG Campus. A copy of such scientific study report shall be submitted to the SEIAA, MoEF, TNPCB, AD/Mines-DGM and DMS, Chennai as a part of Environmental Compliance without any deviation.
4. For the safety of the persons employed in the quarry, the PP shall carry out the scientific studies to assess the slope stability of the working benches and existing quarry wall during the 3<sup>rd</sup> year or when the depth exceeds 30m whichever is



earlier, by involving any one of the reputed Research and Academic Institutions - CSIR-Central Institute of Mining & Fuel Research / Dhanbad, NIRM/Bangalore, Division of Geotechnical Engineering-IIT-Madras, NIT-Dept of Mining Engg, Surathkal, and Anna University Chennai-CEG Campus. A copy of such scientific study report shall be submitted to the SEIAA, MoEF, TNPCB, AD/Mines-DGM and DMS, Chennai as a part of Environmental Compliance without any deviation.

5. As accepted by the Project Proponent the CER cost of Rs. 5 Lakhs and the amount shall be spent for the activities as committed towards (i) the renovation of Library building & procurement of environmental related books for the Library, (ii) Renovation of damaged compound walls & painting of compound walls for the Government Girls Higher Secondary School, Vandavasi-604408, Thiruvannamalai District before obtaining CTO from TNPCB.

**Agenda No: 424 - 30**

**(File No: 7970/2021)**

**Proposed Gravel quarry over an extent of 4.20.0 Ha at S.F.No. 402/1 & 402/2 of Punjai Thalavai Palayam Village, Uthukuli Taluk Tiruppur District, Tamil Nadu by Tmt. K. Selvi – For Environmental Clearance. (SIA/TN/MIN/180050/2020, dated: 21.10.2020)**

The proposal was placed in the 424<sup>th</sup> part 2 SEAC meeting held on 18.11.2023. The details of the project furnished by the proponent are given in the website (parivesh.nic.in). The project proponent gave detailed presentation.

**The SEAC noted the following:**

1. The Proponent, Tmt. K. Selvi has applied seeking Environmental Clearance for the Proposed Gravel quarry over an extent of 4.20.0 Ha at S.F.No. 402/1 & 402/2 of Punjai Thalavai Palayam Village, Uthukuli Taluk Tiruppur District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.

  
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3. Earlier, the proposal was placed in this 336<sup>th</sup> meeting of SEAC held on 07.12.2022. During the presentation, EIA coordinator informed that PP was **Absent** for the meeting. Hence, the proposal was not taken up for appraisal.

Now, the proposal was again placed in the 424<sup>th</sup> part 2 SEAC meeting held on 18.11.2023. Based on the presentation and documents furnished by the proponent, SEAC noted the following

1. The EIA coordinator informed that the proponent Started Agriculture Activities in the project site. As per the discussion held with the project proponent, it is informed that PP is not willing to carry out the mining operation in the land. Hence, we would like to withdraw our quarry proposal in the S.F. No 402/1 & 402/2.

Therefore, based on the presentation and documents furnished by the project proponent, SEAC decided to recommend to SEIAA that request of the project proponents to withdraw his proposal seeking Environmental Clearance may be accepted and the file closed.

**Agenda No: 424 - 31**

**(File No: 8040/2020)**

**Proposed Earth quarry lease over an extent of 1.83.0 Ha at S.F. No: 547/3 of Iruvappapuram Part II Village, Eral Taluk, Thoothukudi District, Tamil Nadu by Thiru. N.Petchithai- For Environmental Clearance.**

**(SIA/TN/MIN/ 183034/2020 Dt. 11.11.2020)**


The proposal was placed in 424<sup>th</sup> part 2 SEAC meeting held on 18.11.2023. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

**The SEAC noted the following:**

1. Earlier, the proposal was placed in 252<sup>nd</sup> SEAC meeting held on 10.03.2022. The Committee examined the proposal submitted by the proponent in the light of the Judgment issued by the Hon'ble Madurai Bench of Madras High Court in W.P. (MD) Nos.20903 of 2016, 23452, 24495, 17370 and 18035 of 2019 dated 12.02.2021. In this Judgment, the Hon'ble High Court was examining the legality of mining permits or license given by the Government for removal of minor

  
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minerals in the name of "Savudu" and other Colloquial terminologies and issued the following directions.

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

  
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- vii. *The Government shall either adopt the Mineral Conservation Rules, 2017, framed by the Central Government or frame a separate Rule, as directed by the Hon'ble Supreme court in Deepak Kumar's case, within a period of six months from the date of receipt of a copy of this order.*
- viii. *Whenever, SEIAA clearance is required, it shall be done only physical inspection by deputing an officer attached to SEIAA and depending upon the report further proceedings may take place in accordance with law and there must be a mechanism to ensure the conditions of SEIAA are strictly complied with.*

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

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

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

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

Now, the proposal was again placed in the 424<sup>th</sup> part-2 SEAC meeting held on 18.11.2023. EIA Coordinator stated that, they were not able to reach the PP despite best efforts. Further, PP was not able to submit reply even after a long time spanning more than a year. Hence the Committee decided not to recommend the proposal.

**Agenda No: 424 - 32**

**(File No: 8145/2021)**

**Proposed Rough stone quarry lease area over an extent 1.45.0Ha at S.F.Nos. 146 (Part - 2C) of Mallapuram Village, Sankarapuram Taluk, Villupuram District, Tamil Nadu by Thiru.N.Pandiyan - For Environmental Clearance.**

**(SIA/TN/MIN/188130/2021, dated: 15.12.2020).**

The proposal was placed for appraisal in the 424<sup>th</sup> part 2 SEAC meeting held on 18.11.2023. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

**The SEAC noted the following:**

1. The project proponent, Thiru. N. Pandiyan, has applied for Environmental Clearance for the proposed Rough stone quarry lease area over an extent 1.45.0Ha at S.F.Nos. 146 (Part - 2C) of Mallapuram Village, Sankarapuram Taluk, Villupuram 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. The production for the Five years states that the total quantity of recoverable as 1,30, 873cu.m of Rough stone and the ultimate depth of mining is 19m above ground level & 35 m below ground level.
4. Earlier, the proposal was placed for appraisal in this 232<sup>th</sup> meeting of SEAC held on 15.09.2021. Based on the presentation and documents furnished by the project proponent, SEAC noted that the tender allotted area bearing S.F.No. 146 (Part - 2C) of Mallapuram Village, Sankarapuram Taluk, Villupuram District is 02.00 ha as per Govt. tender gazette but the precise area communication was issued to the proponent for the area of 01.45.0 ha. Hence, it is recommended that the SEIAA shall direct the proponent to furnish clarification

  
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to be obtained from the District Collector, Villupuram District in view of the above said reasons.

Now, the proposal was again placed in the 424<sup>th</sup> part 2 SEAC meeting held on 18.11.2023. Based on the presentation and documents furnished by the project proponent, SEAC noted that the proposed site has been quarried based on the KML file submitted by the proponent in Parivesh Portal using Google Imagery and hence decided that, SEIAA may write a letter to AD/Mines to report on the pit condition and the extent of mining operation conducted without prior EC. Upon the receipt of clarification letter from AD/Mines further deliberation shall be done.

**Agenda No. 424 - 33**

**(File No. 8488/2021)**

**Proposed Rough stone quarry over an extent of 1.00.0 Ha in S.F.No. 1797(Part-I) of Kilangundal Village, Dharapuram Taluk, Tiruppur District, Tamil Nadu by Thiru. K. Kuppusamy for Environmental Clearance. (SIA/TN/MIN/206642/2021, dated 27.03.2021)**

The proposal was placed in the 424<sup>th</sup> part 2 SEAC meeting held on 18.11.2023. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

**The SEAC noted the following:**

1. The project proponent, Thiru. K. Kuppusamy has applied for Environmental Clearance for the proposed Rough stone quarry over an extent of 1.00.0 Ha in S.F.No. 1797(Part-I) of Kilangundal Village, Dharapuram Taluk, Tiruppur 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. It is Government Poramboke land.
3. As per mining plan, the lease period is 5 years. The mining plan is for 5 years & production should not exceed 14,920cu.m. of Rough Stone and 1,422 cu.m. of Top Soil. The annual peak production 4,360cu.m. of Rough Stone (5<sup>th</sup> year) and 990cu.m. of Top Soil (1<sup>st</sup> year).

  
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4. Earlier, the proposal was placed in this 337<sup>th</sup> Meeting of SEAC held on 13.12.2022. Based on the presentation and document furnished by the project proponent, the EIA Coordinator & the legal Heir of the PP has informed that the PP was expired and the process of obtaining legal heir certificate is under progress. Hence, the Committee has decided to defer the proposal and to take up in the forthcoming meeting of SEAC after receipt of Legal heir certificate followed by copy of name transfer of District collector proceedings & Mining plan approval.

Now, the proposal was again placed in the 424<sup>th</sup> part 2 SEAC meeting held on 18.11.2023. Based on the presentation and documents furnished, SEAC noted the following

S. No	Query	Reply
1.	The committee decided to defer the proposal and to take up in the forthcoming meeting of SEAC after receipt of Legal heir certificate followed by copy of name transfer of District Collector Proceedings & Mining plan approval.	<p>We wish to bring your kind notice the proponent was expired on 31.03.2022.</p> <p>There are two legal heirs namely</p> <ol style="list-style-type: none"><li>1. Tmt. K. Tamilarasi (Wife of Thiru. Kuppusamy)</li><li>2. Thiru. K. Selvakumar (Age 27) Son of Thiru. Kuppusamy.</li></ol> <p>Legal heir submitted the application for the Name transfer proceeding change the name in favour of one of the legal heirs, the same is pending with the Dept of Geology and Mining for the reason administrative reason in the Dept of Geology and Mining, Tirupur District.</p>

  
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		Legal heir requested some more time to submit the Collector proceeding.
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In the view of the above, Committee accepted the proponent's Legal heir's request to provide additional time. Upon the receipt of the above-mentioned document, further deliberation shall be done.

**Agenda No: 424 - 34**

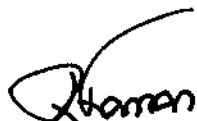
**(File No: 8509/2021)**

**Proposed Multi Colour Granite Quarry lease over an extent of 1.69.5 Ha in S.F.Nos.898, 899, of Panayadipatti Village, Vembakottai Taluk, Virudhunagar District, Tamil Nadu by Thiru.A.Gunasekaran - Environmental Clearance- Regarding. (SIA/TN/MIN/207408/2021, dated: 31.03.2021)**

The proposal was placed for appraisal in the 424<sup>th</sup> part 2 SEAC meeting held on 18.11.2023. 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, Thiru. A. Gunasekaran has applied for Environmental Clearance for the proposed Multi Colour Granite quarry lease over an extent of 1.69.5 Ha in S.F.Nos.898, 899, of Panayadipatti Village, Vembakottai Taluk, Virudhunagar District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 5 years. The approved third scheme of mining plan is for the period of 4 years. The total production for 4 years not to exceed production quantity 15,773m<sup>3</sup> of Multi Colour Granite with ultimate depth of 22m BGL.
4. Earlier, the proposal was placed for appraisal in this 303<sup>rd</sup> meeting of SEAC held on 18.08.2022. Based on the presentation made by the proponent, SEAC noted and decided to call for details as follows

  
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1. From the approved 3<sup>rd</sup> Scheme of Mining, it was ascertained that the PP had carried out the development work during 2<sup>nd</sup> Scheme Period (i.e., 2018-2019). However, it has been observed from the DD (Geology and Mining) letter Roc.No:KVI/134/2019 dated: 21.01.2021, a quantity of 206.560 cbm of granite had been transported during the above period of 2018-2019. Hence, the PP shall furnish actual facts regarding the above quantity of 206.560 cbm of granite obtained from the concerned Competent Authority.
2. Certified Compliance report for the 2nd Scheme of Mining shall be submitted.

Now, the proposal was again placed in the 424<sup>th</sup> part 2 SEAC meeting held on 18.11.2023. Based on the presentation made by the proponent, SEAC noted that the Project proponent has not submitted the required details even after the lapse of more than one year. Hence, Committee decided that SEIAA may write a letter to Commissioner, Department of Geology and Mining & obtain the status of the mine with reference to the period in which the mining operation was carried out beyond both the scheme & EC quantity. Upon the receipt of the clarification letter, further deliberation shall be done.

**Agenda No: 424 - 35**


**(File No: 8873/2021)**

**Proposed Rough Stone and Gravel quarry lease over an extent of 2.50.0 Ha at S.F.No. 26/3F (P) at Gedhalandoddi Village, Shoolagiri Taluk, Krishnagiri District, Tamil Nadu by Thiru. M. Naveenkumar – For Environmental Clearance. (SIA/TN/MIN/224005/2021, dated: 10.08.2021)**

The proposal was placed in the 424<sup>th</sup> part 2 SEAC meeting held on 18.11.2023. The details of the project furnished by the proponent are given in the website (parivesh.nic.in). The project proponent gave detailed presentation.

SEAC noted the following:

1. The Proponent, Thiru. M. Naveenkumar has applied seeking Environmental Clearance for the proposed Rough Stone and Gravel quarry lease over an extent

  
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of 2.50.0 Ha at S.F.No. 26/3F(P) at Gedhalandoddi Village, Shoolagiri Taluk, Krishnagiri District, Tamil Nadu.

2. The project/activity is covered under Category "B2" of item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. Earlier, the proposal was placed in this 330<sup>th</sup> meeting of SEAC held on 17.11.2022. During the presentation, EIA coordinator informed that PP was absent for the meeting. Hence, the proposal was not taken up for appraisal.

Now, the proposal was again placed in the 424<sup>th</sup> part 2 SEAC meeting held on 18.11.2023. Based on the presentation and documents furnished by the proponent, SEAC noted the following

Based on the KML file submitted by the proponent in Parivesh portal, it is ascertained that

1. The proposed site consists of thick vegetation and surrounded by agricultural activities.
2. There is an Odai flowing in the southern side of the proposed site which originates from the hill in the eastern direction.
3. There has been no mining operation in the vicinity of the proposed area.

Hence, considering the environmental setting of the proposed site, Committee decided not to recommend the proposal for grant of Environmental Clearance for the afore-stated reasons.


**Agenda No: 424 - 36**

**(File No: 9349/2022)**

**Proposed Rough Stone Quarry lease over an extent of 1.42.0 Ha at S.F.Nos. 76, 140 (part-2) of Nathathahalli Village, Dharmapuri Taluk, Dharmapuri District, Tamil Nadu by Thiru. S. Rathinavel - For Environmental Clearance. (SIA/TN/MIN/268005/2022 Dt. 05.05.2022)**

The proposal was placed in the 424<sup>th</sup> part 2 SEAC meeting held on 18.11.2023. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

**The SEAC noted the following:**

  
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1. The Project Proponent, Thiru. S.Rathinavel has applied for Environmental Clearance for the proposed Rough Stone Quarry lease over an extent of 1.42.0 Ha at S.F.Nos. 76, 140 (part-2) of Nathathahalli Village, Dharmapuri Taluk, Dharmapuri District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. Earlier, the proposal was placed in 308<sup>th</sup> SEAC meeting held on 01.09.2022. Based on the presentation made by the proponent, SEAC had observed that (i) few structures exist within the radius of 500 m (ii) the Plans and Sections of the proposed mining operation was prepared wrongly with diagonal sections and hence the SEAC decided to call for additional details as given below:
  1. The proponent is requested to furnish the DFO letter.
  2. The proponent is requested to carry out a survey and enumerate on the structures located within 50m, 100m, 200m, and 300m from the boundary of the mine lease area.
  3. Revised mining plan incorporating the proper 'Plans and Sections' approved by the competent authority shall be submitted by the PP.

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

Now, the proposal was again placed in the 424<sup>th</sup> part 2 SEAC meeting held on 18.11.2023. During the presentation, EIA coordinator requested additional time to submit the additional details sought. Hence, Committee accepted the request and PP shall submit the details within 3 months.

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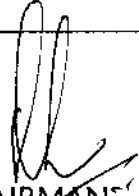
## ANNEXURE-I

### SPECIAL MITIGATION MEASURES FOR THE QUARRIES LOCATED WITHIN 1 KM FROM THE RESERVE FORESTS

1. Since the R.F is located very close to the proposed quarry site, the PP shall develop Green Belt (Thick Tree plantation in two to three rows) along the boundary of the mine lease area before obtaining the CTO from the TNPCB.
2. The proponent shall construct and maintain proper fencing all around the boundary of the proposed working quarry adjacent to the direction of the location of the Reserved Forest before the commencement of the operation and shall furnish the photographs showing the same before obtaining the CTO from TNPCB.
3. The PP shall take steps so that the overburden, waste rock, rejects and fines generated during the mining operations shall be stored in separate dumps positioned in opposite direction to the location of the reserved forest.
4. The PP shall ensure that such waste/reject dumps shall be properly secured to prevent escape of material there from in harmful quantities which may cause degradation of environment and to prevent causation of floods.
5. The PP shall select the site for dumps on impervious ground to ensure minimum leaching effects due to precipitations.
6. The PP shall take necessary steps that wherever possible, the waste rock, overburden etc. shall be back-filled into the mine excavations with a view to restoring the land to its original use as far as possible.
7. Wherever back-filling of waste rock in the area excavated during mining operations is not feasible, the PP shall take adequate steps in discussion with the concerned DFO to suitably terrace the waste dumps ensuring the stability through vegetation to consolidate the green belt development in the areas adjacent to the reserved forest location.
8. The PP shall carry out the scientific investigations in order to keep the ground and noise vibrations caused by blasting operations and movement of HEMM such as Excavators, Trucks within safe limit.

9. The PP shall not perform secondary breakage involving the drilling & blasting in the quarrying operations and it can be replaced with non-conventional methods such as noise-controlled rock breakers, usage of non-explosive expansive materials/chemicals, Hydraulic Splitting based on the suitable scientific studies carried out by any reputed scientific and academic institutions.
10. The PP shall take adequate steps to control the air pollution due to fines, dust, smoke or gaseous emissions during the quarrying operations within 'Permissible Limits' specified under the environmental laws.
11. The Quarrying and Mining activities shall be restricted in the Eco-sensitive Zone of 60 m from the boundary of the Reserved area and hence the PP shall not even indulge in constructing the haul roads in these areas.
12. No development on existing steep hill slopes or slopes with a high degree of erosion shall be permitted. Hence, the PP shall not carry out the quarrying on steep hill slopes with a gradient of 20° or more or areas with a high degree of erosion on forestland.
13. The PP shall give an affidavit at the time of lease execution that there will be no felling of trees (or) any encroachment will not be made on these Reserved Forest lands and also within the Eco- sensitive Zone of 60 m without the prior permission of the State Government in case of reserve forest land as per the procedures laid down by the State Government.
14. The PP shall not use plastic carry bags within the quarry area.
15. The PP shall ensure that all the haul roads within the quarry lease shall be provided with adequate number of road side drains and these drains shall be kept free from blockage for runoff disposals. This run off from the road side drainage shall relate to the natural drainage system in the area.
16. The PP shall adhere to the provisions of the MoEF had issued Notification No. S.O. 1545 dated 25th June 2009 regulating certain activities in the eco-sensitive zone to conserve and protect the reserved forest area from ecological and environmental point of view.

  
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#### GRAVEL / RED EARTH & PEBBLES QUARRY – GENERAL CONDITIONS

1. The proponent shall mandatorily appoint the statutory competent persons and commence the quarry operations within the purview of Mines Act 1952.
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. No change in basic mining proposal shall 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. 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.
6. 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.
7. 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.
8. The purpose of green belt around the project is to capture the fugitive emissions, carbon sequestration and to attenuate the noise generated, in addition to improving the aesthetics.

  
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9. Taller/one year old saplings raised in appropriate size of bags (preferably eco-friendly bags) should be planted in proper spacing as per the advice of local forest authorities/botanist/horticulturist with regard to site specific choices. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner.
10. **Noise and Vibration Related:** (i) 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.
11. 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.
12. The proponent shall provide sedimentation tank / settling tank with adequate capacity for runoff management.
13. The proponent shall ensure that the transportation of the quarried 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.
14. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of the mining operation.

  
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15. The Project Proponent shall comply with the provisions of the Mines Rules 1955 for ensuring safety, health and welfare of the people working in the mines and the surrounding habitants.
16. The project proponent shall ensure that the provisions of the MMDR Act, 1957, 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.
17. 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) by the proponent without fail.
18. 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.
19. 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.
20. 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.
21. 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.



22. The mining lease holders shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.

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



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#### ROUGH STONE/JELLY/BLUE METAL QUARRY

- 1) The PP shall inform send the 'Notice of Opening' of the quarry to the Director of Mines Safety, Chennai Region before obtaining the CTO from the TNPCB.
- 2) 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.
- 3) The proponent shall appoint the statutory competent persons relevant to the proposed quarry size as per the provisions of Mines Act 1952 and Metalliferous Mines Regulations, 1961, as amended from time to time.
- 4) Within a period one month from the execution of lease deed, the PP shall ensure that the persons deployed in the quarry including all the contractual employees/truck drivers shall undergo initial/periodical training in the DGMS approved GVTC situated in Trichy / Salem / Hosur.
- 5) The PP shall construct a garland drain of size, gradient and length around the proposed quarry incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain should be provided prior to the commencement of mining. Garland drain, silt-traps, siltation ponds and outflow channel should be de-silted periodically and geo-tagged photographs of the process should be included in the HYCR.
- 6) Monitoring of drainage water should be carried out at different seasons by an NABL accredited lab and clear water should only be discharged into the natural stream. Geo-tagged photographs of the drainage and sampling site should be submitted along with HYCR.
- 7) The proponent shall install the 'S3 (or) G2' type of fencing all around the boundary of the proposed working quarry with gates for entry/exit before the commencement of the operation as recommended in the DGMS Circular, 11/1959 and shall furnish the photographs showing the same before obtaining the CTO from TNPCB.

  
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- 8) The Proponent shall submit a conceptual 'Slope Stability Action Plan' incorporating the benches & accessible haul road approved by the concerned AD (Mines) for the proposed quarry to the DEE/TNPCB at the time of obtaining the CTO.
- 9) The PP shall ensure that the persons employed in the quarry whether permanent, temporary or contractual are undergoing the initial/periodical medical examination in the DGMS approved OHS Clinics/Hospitals as per the DGMS Circular No. 01 of 2011 before they are engaged in mining activities.
- 10) The PP shall ensure that the persons employed in the quarry whether permanent, temporary or contractual are provided with adequate PPEs before engaged in mining operations.
- 11) The PP shall meticulously carry out the mitigation measures as spelt out in the approved EMP.
- 12) 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 should be adopted by considering the wind direction.
- 13) The Project Proponent shall ensure that the funds earmarked for environmental protection measures are kept in a separate bank account and should not be diverted for other purposes. Year-wise expenditure should be included in the HYCR.
- 14) The Project Proponent shall send a copy of the EC to the concerned Panchayat/local body.
- 15) Perennial maintenance of haulage road/village / Panchayat Road shall be done by the project proponent as required, in coordination with the concerned Govt. Authority.
- 16) Perennial sprinkling arrangements 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.

  
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- 17) 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 are undertaken accordingly. The report on the periodic monitoring shall be included in the HYCR.
- 18) 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.
- 19) 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. 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.
- 20) Taller/one year old saplings raised in appropriate size of bags (preferably eco-friendly bags) should be planted in proper spacing as per the advice of local forest authorities/botanist/horticulturist with regard to site specific choices. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner.
- 21) **Noise and Vibration Related:** (i) 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, (ii) Noise levels should be monitored regularly (on weekly basis) near the major sources of noise generation within the core zone.
- 22) The PP shall carry out maximum of only one round of controlled blast per day, restricted to the maximum of 30 to 40 number of holes per round with maintaining maximum charge per delay in such a manner that the blast-induced ground vibration level (Peak Particle Velocity) measured in the

houses/structures located at a distance of 500 m shall not exceed 2.0 mm/s and no fly rock shall travel beyond 20 m from the site of blasting.

- 23) The PP shall also ensure that the blasting operations are not carried out on a 'day after day' basis and a minimum 24 hours break should be observed between blasting days to reduce the environmental impacts effectively.
- 24) If 'Deep-hole large diameter drilling and blasting' is required, then the PP shall obtain special permission from DGMS.
- 25) The PP shall ensure that the blasting operations shall be carried out during a prescribed time interval with a prior notice to the habitations situated around the proposed quarry after having posted the sentries/guards adequately to confirm the non-exposure of public within the danger zone of 500 m from the boundary of the quarry. The PP shall use the jack hammer drill machine fitted with the dust extractor for the drilling operations such that the fugitive dust is controlled effectively at the source.
- 26) The PP shall ensure that the blasting operations are carried out by the blaster/Mine Mate/Mine Foreman employed by him in accordance with the provisions of MMR 1961 and it shall not be carried out by the persons other than the above statutory personnel.
- 27) 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 as per the Environmental Management Plan & the approved Mine Closure Plan.
- 28) Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
- 29) 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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- 30) The proponent shall provide sedimentation tank / settling tank with adequate capacity for runoff management.
- 31) 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.
- 32) 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.
- 33) 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.
- 34) The project proponent shall ensure that the provisions of the MMDR Act, 1957 & 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.
- 35) 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.
- 36) 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.

- 37) 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.
- 38) 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.
- 39) As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEFCC, the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.
- 40) The mining lease holders shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.
- 41) As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere to the EMP as committed.

  
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SPECIAL MITIGATION MEASURES FOR THE QUARRIES LOCATED IN CLOSE PROXIMITY TO THE WINDMILLS		
Sl. No	Existing (or) Virgin Quarry	
	Wind Mills located at a distance of 150 m to 300 m	Wind Mills located beyond 300 m Up to 500 m
1.	Appointment of I/II Class Mines Manager Certificate of Competency under MMR 1961.	Appointment of I/II Class Mines Manager Certificate of Competency under MMR 1961.
2.	Special precautions are to be taken during blasting within danger zone such as posting guards, etc.	Blast design parameters should be mentioned in mining plan/scheme. and may be reviewed by a competent mining engineer.
3.	Blast design parameters should be mentioned in mining plan/scheme.	MCPD and total charge should be fixed such that it should not exceed 1.3 kg and 26.50 kg respectively.
4.	The recommendations of scientific organisation need to be incorporated in the mining plan/scheme before its approval.	Fresh scientific study may be conducted if mine management wants to increase the MCPD and total explosive charge above the quantity of 1.30 kg and 26.50 kg respectively. Continuous monitoring using seismograph should also be done in such cases by the mine management.
5.	Engagement of blasting in-charge having Diploma/Degree in mining engineering for day-to-day blasting.	Engagement of blasting in-charge having Diploma/Degree in mining engineering for day-to-day blasting.
6.	Training of the blasting crew on controlled blasting practices before engaged in operation.	Training of the blasting crew on controlled blasting practices before engaged in operation.





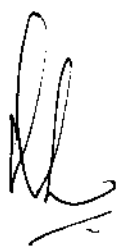
7.	Submission of monthly report on blast design pattern and detailed explosive consumption as well as volume of rock excavation to a statutory body viz. DGMS, DMG, PESO or SPCB.	Submission of monthly report on blast design pattern and detailed explosive consumption as well as volume of rock excavation to a statutory body viz. DGMS, DMG, SPCB. Report of recorded ground vibration need to be added in monthly report.
8.	Report of recorded ground vibration need to be added in monthly report which shall be sent to all the statutory body viz. DGMS, DMG, SPCB.	Report of recorded ground vibration need to be added in monthly report which shall be sent to all the statutory body viz. DGMS, DMG, SPCB.
9.	Small diameter emulsion cartridge of 25 mm diameter (125 gm weight per cartridge) shall be used. However, ANFO explosives may also be used as main explosive charge.	Small diameter emulsion cartridge of 25 mm diameter (125 gm weight per cartridge) shall be used. However, ANFO explosives may also be used as main explosive charge.
10.	Electronic (or) Non-electric detonators (Nonel) shall be used in all the blasts for in-hole explosive initiation and surface hole-to-hole firing.	Non-electric detonators (Nonel) shall be used in all the blasts for in-hole explosive initiation and surface hole-to-hole firing.
11.	Max. number of holes in a round: 30.	Max. number of holes in a round: 40 to 60.

  
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#### TERMS OF REFERENCE (ToR) FOR GRANITE / ROUGH STONE QUARRY

1. In the case of existing/operating mines, a letter obtained from the concerned AD (Mines) shall be submitted and it shall include the following:
  - (i) Original pit dimension
  - (ii) Quantity achieved Vs EC Approved Quantity
  - (iii) Balance Quantity as per Mineable Reserve calculated.
  - (iv) Mined out Depth as on date Vs EC Permitted depth
  - (v) Details of illegal/illicit mining
  - (vi) Violation in the quarry during the past working.
  - (vii) Quantity of material mined out outside the mine lease area
  - (viii) Condition of Safety zone/benches
  - (ix) Revised/Modified Mining Plan showing the benches of not exceeding 6 m height and ultimate depth of not exceeding 50m.
2. Details of habitations around the proposed mining area and latest VAO certificate regarding the location of habitations within 300m radius from the periphery of the site.
3. The proponent is requested to carry out a survey and enumerate on the structures located within the radius of (i) 50 m, (ii) 100 m, (iii) 200 m and (iv) 300 m (v) 500m shall be enumerated with details such as dwelling houses with number of occupants, whether it belongs to the owner (or) not, places of worship, industries, factories, sheds, etc with indicating the owner of the building, nature of construction, age of the building, number of residents, their profession and income, etc.
4. The PP shall submit a detailed hydrological report indicating the impact of proposed quarrying operations on the waterbodies like lake, water tanks, etc are located within 1 km of the proposed quarry.
5. The Proponent shall carry out Bio diversity study through reputed Institution and the same shall be included in EIA Report.



6. The DFO letter stating that the proximity distance of Reserve Forests, Protected Areas, Sanctuaries, Tiger reserve etc., up to a radius of 25 km from the proposed site.
7. In the case of proposed lease in an existing (or old) quarry where the benches are not formed (or) partially formed as per the approved Mining Plan, the Project Proponent (PP) shall the PP shall carry out the scientific studies to assess the slope stability of the working benches to be constructed and existing quarry wall, by involving any one of the reputed Research and Academic Institutions - CSIR-Central Institute of Mining & Fuel Research / Dhanbad, NIRM/Bangalore, Division of Geotechnical Engineering-IIT-Madras, NIT-Dept of Mining Engg. Surathkal, and Anna University Chennai-CEG Campus. The PP shall submit a copy of the aforesaid report indicating the stability status of the quarry wall and possible mitigation measures during the time of appraisal for obtaining the EC.
8. However, in case of the fresh/virgin quarries, the Proponent shall submit a conceptual 'Slope Stability Plan' for the proposed quarry during the appraisal while obtaining the EC, when the depth of the working is extended beyond 30 m below ground level.
9. The PP shall furnish the affidavit stating that the blasting operation in the proposed quarry is carried out by the statutory competent person as per the MMR 1961 such as blaster, mining mate, mine foreman, II/I Class mines manager appointed by the proponent.
10. The PP shall present a conceptual design for carrying out only controlled blasting operation involving line drilling and muffle blasting in the proposed quarry such that the blast-induced ground vibrations are controlled as well as no fly rock travel beyond 30 m from the blast site.
11. The EIA Coordinators shall obtain and furnish the details of quarry/quarries operated by the proponent in the past, either in the same location or elsewhere in the State with video and photographic evidences.

  
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12. If the proponent has already carried out the mining activity in the proposed mining lease area after 15.01.2016, then the proponent shall furnish the following details from AD/DD, mines.
13. What was the period of the operation and stoppage of the earlier mines with last work permit issued by the AD/DD mines?
14. Quantity of minerals mined out.
- Highest production achieved in any one year
  - Detail of approved depth of mining.
  - Actual depth of the mining achieved earlier.
  - Name of the person already mined in that leases area.
  - If EC and CTO already obtained, the copy of the same shall be submitted.
  - Whether the mining was carried out as per the approved mine plan (or EC if issued) with stipulated benches.
15. All corner coordinates of the mine lease area, superimposed on a High-Resolution Imagery/Topo sheet, topographic sheet, geomorphology, lithology and geology of the mining lease area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
16. The PP shall carry out Drone video survey covering the cluster, green belt, fencing, etc.,
17. The proponent shall furnish photographs of adequate fencing, green belt along the periphery including replantation of existing trees & safety distance between the adjacent quarries & water bodies nearby provided as per the approved mining plan.
18. The Project Proponent shall provide the details of mineral reserves and mineable reserves, planned production capacity, proposed working methodology with justifications, the anticipated impacts of the mining operations on the surrounding environment, and the remedial measures for the same.

19. The Project Proponent shall provide the Organization chart indicating the appointment of various statutory officials and other competent persons to be appointed as per the provisions of the Mines Act'1952 and the MMR, 1961 for carrying out the quarrying operations scientifically and systematically in order to ensure safety and to protect the environment.
20. The Project Proponent shall conduct the hydro-geological study considering the contour map of the water table detailing the number of groundwater pumping & open wells, and surface water bodies such as rivers, tanks, canals, ponds, etc. within 1 km (radius) along with the collected water level data for both monsoon and non-monsoon seasons from the PWD / TWAD so as to assess the impacts on the wells due to mining activity. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided.
21. The proponent shall furnish the baseline data for the environmental and ecological parameters with regard to surface water/ground water quality, air quality, soil quality & flora/fauna including traffic/vehicular movement study.
22. The Proponent shall carry out the Cumulative impact study due to mining operations carried out in the quarry specifically with reference to the specific environment in terms of soil health, biodiversity, air pollution, water pollution, climate change and flood control & health impacts. Accordingly, the Environment Management plan should be prepared keeping the concerned quarry and the surrounding habitations in the mind.
23. Rain water harvesting management with recharging details along with water balance (both monsoon & non-monsoon) be submitted.
24. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary, national park, migratory routes of fauna, water bodies, human settlements and other ecological features should be indicated. Land use plan of the mine lease area should be prepared to encompass preoperational, operational and post operational phases and submitted. Impact, if any, of change of land use should be given.

  
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25. Details of the land for storage of Overburden/Waste Dumps (or) Rejects outside the mine lease, such as extent of land area, distance from mine lease, its land use, R&R issues, if any, should be provided.
26. Proximity to Areas declared as 'Critically Polluted' (or) the Project areas which attracts the court restrictions for mining operations, should also be indicated and where so required, clearance certifications from the prescribed Authorities, such as the TNPCB (or) Dept. of Geology and Mining should be secured and furnished to the effect that the proposed mining activities could be considered.
27. Description of water conservation measures proposed to be adopted in the Project should be given. Details of rainwater harvesting proposed in the Project, if any, should be provided.
28. Impact on local transport infrastructure due to the Project should be indicated.
29. A tree survey study shall be carried out (nos., name of the species, age, diameter etc..) both within the mining lease applied area & 300m buffer zone and its management during mining activity.
30. A detailed mine closure plan for the proposed project shall be included in EIA/EMP report which should be site-specific.
31. As a part of the study of flora and fauna around the vicinity of the proposed site, the EIA coordinator shall strive to educate the local students on the importance of preserving local flora and fauna by involving them in the study, wherever possible.
32. The purpose of Green belt around the project is to capture the fugitive emissions, carbon sequestration and to attenuate the noise generated, in addition to improving the aesthetics. A wide range of indigenous plant species should be planted as given in the appendix-I in consultation with the DFO, State Agriculture University. 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.
33. Taller/one year old Saplings raised in appropriate size of bags, preferably ecofriendly bags should be planted as per the advice of local forest

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

34. A Disaster management Plan shall be prepared and included in the EIA/EMP Report for the complete life of the proposed quarry (or) till the end of the lease period.
35. A Risk Assessment and management Plan shall be prepared and included in the EIA/EMP Report for the complete life of the proposed quarry (or) till the end of the lease period.
36. Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out in detail. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. The project specific occupational health mitigation measures with required facilities proposed in the mining area may be detailed.
37. Public health implications of the Project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary allocations.
38. The Socio-economic studies should be carried out within a 5 km buffer zone from the mining activity. Measures of socio-economic significance and influence to the local community proposed to be provided by the Project Proponent should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation.
39. Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
40. Benefits of the Project if the Project is implemented should be spelt out. The benefits of the Project shall clearly indicate environmental, social, economic, employment potential, etc.
41. If any quarrying operations were carried out in the proposed quarrying site for which now the EC is sought, the Project Proponent shall furnish the detailed

compliance to EC conditions given in the previous EC with the site photographs which shall duly be certified by MoEF&CC, Regional Office, Chennai (or) the concerned DEE/TNPCB.

42. The PP shall prepare the EMP for the entire life of mine and also furnish the sworn affidavit stating to abide the EMP for the entire life of mine.

43. Concealing any factual information or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this Terms of Conditions besides attracting penal provisions in the Environment (Protection) Act, 1986.

  
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## Annexure II

### Standard Environmental Clearance Conditions prescribed by MoEF&CC for Construction Projects.

#### 1. Statutory Compliance:

1. The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
2. The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightning etc.
3. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
4. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
5. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
6. The project proponent shall obtain the necessary permission for drawing of ground water / surface water required for the project from the competent authority.
7. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
8. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department and Civil Aviation

  
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Department shall be obtained, as applicable, by project proponents from the respective competent authorities.

9. The provisions of the Solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.

10. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.

**2. Air quality monitoring and preservation:**

1. Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.

2. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.

3. The project proponent shall install a system to carry out Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g., PM10 and PM25) covering upwind and downwind directions during the construction period.

4. Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3-meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.

5. Sand, murram, loose soil, cement, stored on site should be covered adequately so as to prevent dust pollution.

6. Wet jet shall be provided for grinding and stone cutting.

7. Unpaved surfaces and loose soil should be adequately sprinkled with water to suppress dust.
8. All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.
9. The diesel generator sets to be used during construction phase shall be low Sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise mission standards.
10. The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
11. For indoor air quality the ventilation provisions as per National Building Code of India.

### **3. Water Quality Monitoring and Preservation:**

1. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swaes, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rainwater.
2. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
3. Total freshwater use shall not exceed the proposed requirement as provided in the project details.
4. The quantity of freshwater usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with Half Yearly Compliance Reports (HYCR).

  
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5. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
6. At least 20% of the open spaces as required by the local building byelaws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
7. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation car washing, thermal cooling, conditioning etc. shall be done.
8. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
9. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
10. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
11. The local bye-law provisions on rainwater harvesting should be followed. If local byelaw provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rainwater harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
12. A rainwater harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built-up area and storage capacity of minimum one day of total freshwater requirement shall

be provided. In areas where ground water recharging is not feasible, the rainwater should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.

13. All recharges should be limited to shallow aquifer.
14. No ground water shall be used during construction phase of the project.
15. Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
16. The quantity of freshwater usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with Half Yearly Compliance Reports (HYCR).
17. Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, not related water shall be disposed into municipal drain.
18. No sewage or untreated effluent water would be discharged through storm water drains.
19. Onsite sewage treatment of capacity of treating 100% wastewater to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated wastewater shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
20. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be taken to mitigate the odor problem from STP.

  
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21. Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Centre Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.

**4. Noise Monitoring and Prevention:**

1. Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.
2. Noise level survey shall be carried out as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of Half Yearly Compliance Report (HYCR).
3. Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.

**5. Energy Conservation Measures:**

1. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
2. Outdoor and common area lighting shall be LED.
3. The proponent shall provide solar panels covering a minimum of 50% of terrace area as committed.
4. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting

design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.

5. Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
6. Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building byelaws requirement, whichever is higher.
7. Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building byelaws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.

**6. Waste Management:**

1. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
2. Disposal of muck during construction phase shall not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
3. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
4. Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.

  
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5. All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
6. Any hazardous waste generated during construction phase shall be disposed of as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
7. Use of environmentally friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environmentally friendly materials.
8. Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September 1999 and amended from time to time. Ready mixed concrete must be used in building construction.
9. Any wastes from construction and demolition activities related thereto shall be managed to strictly conform to the Construction and Demolition Rules, 2016.
10. Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.

**7. Green Cover:**

1. No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
2. A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.



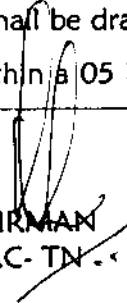
3. Where the trees need to be cut with prior permission from the concerned local authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
4. Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.
5. A wide range of indigenous plant species should be planted as given in the Appendix-I, in consultation with the Government Forest/Horticulture Departments and State Agriculture University.

**8. Transport:**

1. A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.
  - a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
  - b. Traffic calming measures.
  - c. Proper design of entry and exit points.
  - d. Parking norms as per local regulation.
2. Vehicles hired to bring construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
3. A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms

  
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radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.

**9. Human Health Issues:**

1. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
2. For indoor air quality the ventilation provisions as per National Building Code of India.
3. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
4. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
5. Occupational health surveillance of the workers shall be done on a regular basis.
6. A First Aid Room shall be provided in the project both during construction and operations of the project.

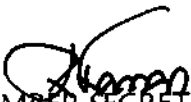
**10. Corporate Environment Responsibility:**

1. The PP shall complete the CER activities, as committed, before obtaining CTE.

2. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of Half Yearly Compliance Report (HYCR).
3. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
4. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Half Yearly Compliance Report (HYCR).

**11. Miscellaneous:**

1. The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in Tamil language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.
2. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn must display the same for 30 days from the date of receipt.

  
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3. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
4. The project proponent shall submit Half Yearly Compliance Reports (HYCR) on the status of the compliance of the stipulated environmental conditions on the website of the Ministry of Environment, Forest and Climate Change at environment clearance portal.
5. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
6. The project proponent shall inform the Authority (SEIAA) of the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
7. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
8. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report and also during their presentation to the State Expert Appraisal Committee.
9. No further expansion or modifications to the plant shall be carried out without prior approval of the Authority (SEIAA).
10. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
11. The Authority (SEIAA) may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
12. The Authority reserves the right to stipulate additional conditions if found necessary. The Company in a time-bound manner shall implement these conditions.

13. The Regional Office of the MoEF&CC Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.

14. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.

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

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

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

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## Appendix -III

### Display Board

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

சுரங்கம்

கரங்கங்களில் குவாரி செயல்பாடுகளுக்கான சுற்றுச்சூழல் அனுமதி கீழ்க்கண்ட நிபந்தனைகளுக்கு உட்பட்டு வழங்கப்பட்டுள்ளது SEIAA/\_\_\_\_, தேதியிடப்பட்டு சுற்றுச்சூழல் அனுமதி \_\_\_\_\_ தேதி வரை செல்லத்தக்கதாக உள்ளது.

பகலம் பகுதி வளர்ச்சி	குவாரியின் எல்லைவயை சுற்றி வேலி அமைக்க வேண்டும்
மேம்பாட்டுக்கான கரங்கத் திட்டம்	கரங்கப்பாசனத்தின் கீழும் தளமட்டத்திலிருந்து மீட்டர்க்கு மிகமல் இருக்க வேண்டும்
நடப்பட்டு	காற்றில் மாக ஏற்படாதவாறு கரங்க பணிகளை மேற்கொள்ள வேண்டும்.
பராமரிக்கப்படவேண்டிய மரங்கள்	வாகனங்கள் செல்லும் பாதையில் மாக ஏற்படாத அளவிற்கு தண்ணீரை முறையாக தண்ணீர் வாரிகளின் மூலமாக அவ்வப்போது தெளிக்க வேண்டும்
எண்ணிக்கை	இளரச்சல் அளவையும் தூசி மாகபாட்டையும் குறைப்பதற்காக குவாரியின் எல்லைவயை சுற்றி அடர்த்தியான பகலம் பகுதியை ஏற்படுத்த வேண்டும்
கரங்கத்தில் வெடி வைக்கும்பொழுது நிலஅதிர்வுகள் ஏற்படாதவாறும் மற்றும் கற்கள் பறக்காதவாறும் பாதுகாப்பு நடவடிக்கைகளை உடனடியாக செயல்படுத்தப்பட வேண்டும்	
கரங்கத்தில் இருந்து ஏற்படும் இளரச்சல் அளவு 85 டெசிபெல்ஸ் (dBA) அளவிற்கு மேல் ஏற்படாதவாறு தகுந்த கட்டுப்பாடுகளை மேற்கொள்ள வேண்டும்.	
கரங்க சட்ட விதிகள் 1955ன் கீழ் கரங்கத்தில் உள்ள பணியாளர்களுக்கு தகுந்த பாதுகாப்பு கருவிகள் வழங்குவதோடு க்காதாரமுள்ள கழிப்பறை வசதிகளை செய்து தர வேண்டும்.	
கிராமம் அல்லது பஞ்சாயத்து வழிபாட வாகனங்கள் செல்லும் சாலைவயை தொடர்ந்து தனது பாதுகாப்பு வேண்டும்.	
கரங்கப்பணிகளால் அருகில் உள்ள விவசாயப் பணிகள் மற்றும் நீர்நிலைகள் பாதிக்கப்படக் கூடாது.	
நீர்நிலைகள் பாதிக்கப்படாமல் இருப்பதை உறுதி செய்யும் வகையில் திட்டம் தீர்ன் தாத்தினை தொடர்ந்து கண்காணிக்க வேண்டும்.	
கரங்கத்திலிருந்து கனியம் பொருட்களை எடுத்துச் செல்லுது கிராம மக்களுக்கு எந்தத் சிரமத்தினையும் ஏற்படுத்தாதவாறு பாதுகாப்போடும் மற்றும் சுற்றுச்சூழல் பாதிக்கவாத வண்ணம் வாகனங்களை இயக்க வேண்டும்	
கரங்கப்பணிகள் முடிக்கப்பட்டவுடன் கரங்க மூடல் திட்டத்தில் உள்ளவாறு கரங்கத்தினை மூட வேண்டும்.	
கரங்க நடவடிக்கைகளை முடித்தபின்னர் கரங்கப் பகுதி மற்றும் கரங்க நடவடிக்கைகளால் இடையூறு ஏற்படக்கூடிய வேறு எந்தப் பகுதியையும் மறுகட்டுமானம் செய்து தாவரங்கள் விவங்குகள் ஆகியவற்றின் வளர்ச்சிக்கு ஏற்ற வகையில் பகலம்ப்பகுதியை உருவாக்க வேண்டும்.	
முழுமையான நிபந்தனைகளை அறிய பாரிவேஷ (http://parivesh.nic.in) என்கிற இணையதளத்தைப் பார்வையிடவும் மேலும் எந்தவித சுற்றுச்சூழல் சார்ந்த புகார்களுக்கு சென்னையில் உள்ள சுற்றுச்சூழல் மற்றும் வன அமைச்சகத்தின் ஒருங்கிணைந்த வட்டார அலுவலகம்: 044 - 28222325 (அல்லது) தமிழ்நாடு மாக கட்டுப்பாடு வாரியத்தின் மாவட்ட சுற்றுச்சூழல் பொறியாளரை அணுகவும்	

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