

## STATE EXPERT APPRAISAL COMMITTEE – TAMIL NADU

Minutes of the Meeting of 244<sup>th</sup> State Expert Appraisal Committee (SEAC) held on 09<sup>th</sup> February 2022 (Wednesday) at SEIAA Conference hall, 2<sup>nd</sup> Floor, Panagal Maligai, Saidapet, Chennai 600015 for Appraisal of Mining projects through Online/Offline.

Agenda No: 244 -1

(File No: 8722/2021)

Proposed Rough Stone and Gravel quarry lease area over an extent of 2.24.5 Ha located at S.F. No. 10/7, 10/8, 12/1A, 12/4,& 12/5, Avalur Village, Walajabad Taluk, Kancheepuram District, Tamil Nadu by Tmt.Geetha Uthayarajan - For Environmental Clearance.

(SIA/TN/MIN/225319/2021 dated:18.08.2021)

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

The SEAC noted the following,

1. The project proponent, Tmt.Geetha Uthayarajan has applied for Environmental Clearance for the proposed Rough Stone and Gravel quarry lease area over an extent of 2.24.5 Ha located at S.F. No. 10/7, 10/8, 12/1A, 12/4 & 12/5, Avalur Village, Walajabad Taluk, Kancheepuram 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 11,900m<sup>3</sup> of gravel and 1,70,660m<sup>3</sup> of Rough stone and the ultimate depth of

  
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mining is 43m below ground level.

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 for the production of Rough Stone of 1,70,660m<sup>3</sup> and Gravel of 11,900m<sup>3</sup> with the ultimate depth of 43 m, subject to the standard conditions mentioned in the Annexure of this minutes and standard conditions stipulated by MOEF&CC, in addition to the following specific conditions,

1. The project proponent shall submit certified compliance report to TNPCB before obtaining CTO.
2. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere the EMP as committed.
3. As accepted by the Project Proponent the revised CER cost is Rs. 5 lakhs and the amount shall be spent for activities of (1) construction/renovation of Girls toilets with 24/7 water facility, (2) providing free supply of sanitary napkins for three months to adult girl students through the Headmaster (3) installation of incinerator in the Girls toilet for safe disposal of sanitary napkins and (4) tree plantations in school in consultation with concerned Government school HM in Govinthapuram Government High School before obtaining CTO from TNPCB.

**Agenda No: 244 -2**

**(File No: 8724/2021)**

**Proposed Rough Stone quarry over an extent of 1.00.0 Ha located at S.F. No. 105/1(Part-2), Govinthapuram Village, Vaniyambadi Taluk, Vellore District, Tamil Nadu by Thiru.V.Srinivasan - For Environmental Clearance.**

**(SIA/TN/MIN/224418/2021dated 19.08.2021)**

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

The SEAC noted the following,

1. The project proponent, Thiru.V.Srinivasan has applied for Environmental Clearance for the proposed Rough Stone quarry over an extent of 1.00.0 Ha located at S.F. No. 105/1(Part-2), Govinthapuram Village, Vaniyambadi 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.

Based on the presentation and documents furnished by the project proponent, SEAC noted that two farm houses are located very close to the quarry site within a radius of 100 m, hence SEAC decided to make an on- site - spot inspection to assess the status of the site by the sub-committee constituted by the SEAC.

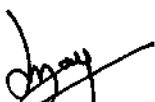
On receipt of the Inspection report from the sub-committee, SEAC would further deliberate on this project and decide the further course of action.

**Agenda No:244 -3**

**(File No: 8738/2021)**

**Proposed Rough Stone, Jelly and Gravel Quarry lease area over an extent an extent of 1.72.0 Ha located at S.F. No. 16, Palakanuthu Village, Dindigul West Taluk, Dindigul District, Tmt.M.Vijayalakshmi - For Environmental Clearance.**

**(SIA/TN/MIN/226148/2021 dated:24.08.2021)**

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

The SEAC noted the following:

1. The project proponent, Tmt. M.Vijayalakshmi has applied for Environmental Clearance for the proposed Rough Stone, Jelly and Gravel quarry lease area over an extent an extent of 1.72.0 Ha located at S.F. No. 16, Palakanuthu Village, Dindigul West Taluk, Dindigul District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the five years states that the total quantity of recoverable as 13,224 m<sup>3</sup> of gravel, 6657m<sup>3</sup> of Weathered Rock and 2,71,513m<sup>3</sup> of Rough stone and the ultimate depth of mining is 48m below ground level.

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 for the production of Rough Stone of 2,71,513m<sup>3</sup>, Weathered rock of 6657m<sup>3</sup> and Gravel of 13,224 m<sup>3</sup> with the ultimate depth of 48m, subject to the standard conditions mentioned in the Annexure of this minutes and standard conditions stipulated by MOEF & CC, in addition to the following specific conditions,

1. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere the EMP as committed.
2. As accepted by the Project Proponent, the revised CER cost is Rs. 5 lakhs and the amount shall be spent for activities of (1) construction/renovation of Girls toilets with 24/7 water facility, (2) providing free supply of sanitary napkins for three months to adult girl students through the Headmaster, (3) installation of incinerator in the Girls toilet for safe disposal of sanitary napkins and (4) tree

  
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plantation in school in consultation with concerned Government school HM in Government Girls Higher Secondary School, Oddanchatram before obtaining CTO from TNPCB.

**Agenda No: 244 -4**

**(File No: 8742/2021)**

**Proposed Rough Stone quarry lease area over an extent of 1.10.0 Ha located at S.F. No. 19(Part), Chinnabalinaickanpalayam Village, Shoolagiri Taluk, krishnagiri District, Tamil Nadu by M/s.SKS Builders & Promoters - For Environmental Clearance.  
(SIA/TN/MIN/225910/2021 dated:23.08.2021)**

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

The SEAC noted the following,

1. The project proponent, M/s.SKS Builders & Promoters has applied for Environmental Clearance for the proposed Rough Stone quarry over an extent of 1.10.0 Ha located at S.F. No. 19(Part) Chinnabalinaickanpalayam Village, Shoolagiri Taluk, krishnagiri District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.

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

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

The Committee noted that the Kariyanpalli-II Reserve Forest is located at a distance of 140m west from this project site and the proposal is, therefore, hit by the above G.O. The Committee, therefore, decided not to recommend the proposal.

Agenda No: 244 -5

(File No: 8754/2021)

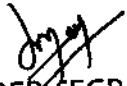
Proposed Rough Stone and Gravel Quarry lease area over an extent an extent of 1.52.0Ha located at S.F.No.229/1 & 229/2, Belladhi Village, Mettupalayam Taluk, Coimbatore District, Tamil Nadu by M/s. Venkateswara Blue Metals- For Environmental Clearance.

(SIA/TN/MIN/226469/2021 dated:26/08/2021)

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

The SEAC noted the following,

1. The project proponent, M/s. Venkateswara Blue Metals has applied for Environmental Clearance for the proposed Rough Stone and Gravel quarry lease area over an extent an extent of 1.52.0Ha located at S.F.Nos. 229/1 & 229/2, Belladhi Village, Mettupalayam Taluk, Coimbatore District, Tamil Nadu.
2. The project/activity is covered under Category “B2” of Item 1 (a) “Mining of

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

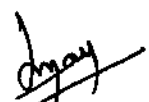
3. The production for the five years states that the total quantity of recoverable as 23,080 m<sup>3</sup> of Gravel and 1,91,890m<sup>3</sup> of Rough stone and the ultimate depth of mining is 42m below ground level.

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 for the production of Rough Stone of 1,91,890m<sup>3</sup> and Gravel of 23,080 m<sup>3</sup> with the ultimate depth of 42 m, SEAC decided to recommend the proposal for the grant of Environmental Clearance subject to the standard conditions mentioned in the Annexure of this minutes and standard conditions stipulated by MOEF &CC, in addition to the following specific conditions,

1. An unused EB line situated within the field and EB line passing northern side of the applied area should be shifted before the execution of the lease deed.
2. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere the EMP as committed.
3. As accepted by the Project Proponent the revised CER cost is Rs. 5 lakhs and the amount shall be spent for activities of (1) construction/renovation of Girls toilets with 24/7 water facility, (2) providing free supply of sanitary napkins for three months to adult girl students through the Headmaster, (3) installation of incinerator in the Girls toilet for safe disposal of sanitary napkins and (4) tree plantations in school in consultation with concerned Government school HM in Panchayat Union Middle School, Belladhi Village before obtaining CTO from TNPCB.

**Agenda No: 244 -6**

**(File No: 7317/2019)**

  
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Proposed Rough Stone Quarry lease area over an extent of 1.00.0 Ha located at S.F.No. 145 (P), Rajanagaram (Kandapuram)Village, Pallipattu Taluk, Tiruvallur District, Tamil Nadu by Thiru.G.S.Loganathan - For Environmental Clearance.  
(SIA/TN/MIN/224104/2021 dated: 02/12/2019)

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

The SEAC noted the following:

1. The project proponent, Thiru. G.S.Loganathan has applied for Environmental Clearance for the proposed Rough Stone Quarry lease area over an extent of 1.00.0 Ha located at S.F.No.145(P), Rajanagaram (Kandapuram)Village, Pallipattu Taluk, Tiruvallur District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. From the Google map, it has been observed that a shed not belonging to the owner is situated at a distance of 92.4 m from the lease boundary of the proposed quarry.

The proposal was already placed in the 169<sup>th</sup> SEAC Meeting held on 07.08.2020. The project proponent gave detailed presentation. Based on the presentation made by the proponent and the documents furnished, SEAC noted that habitation is located at 150 m to the proposed project site. Further, it was reported from the SEIAA office "No legal issues. It is a Poramboke land". However, the Hon'ble NGT, Principal bench, New Delhi in O.A.No.304/2019 order dated 21.07.2020 stated the following:

"3. Accordingly, the CPCB has filed its report on 09.07.2020 concluding as follows:  
6.0 Conclusion:

  
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In view of available information, following minimum distance criteria may be considered for permitting stone quarry by SPCBs:

Mining Type		Minimum distance	Locations
A.	When Blasting is not involved	100 m	Residential/public buildings, inhabited sites location to be considered by States
B.	When Blasting is involved	200 m	

\*\* Note: The regulations for danger zone (500 m) prescribed by Directorate General of Mines Safety also have to be complied compulsorily and necessary measures should be taken to minimize the impact on environment.

However, if any state is already having stringent criteria than the above for minor minerals mining (i.e. more prescribed distances than the above), the same shall be applicable.

4. In the view of the above, the said criteria be followed throughout India.

The CPCB may monitor compliance. A copy of this order be sent to the CPCB and all the state PCBs/PCCs by email for compliance."

After detailed deliberation, the SEAC decided to get necessary clarification from the SEIAA about the above points. After getting the clarification from SEIAA, the subject shall be placed before SEAC for appraisal. Further, necessary instruction shall be issued to the SEIAA office about the above said order.

The proposal was placed in the 399th Authority meeting held 24.09.2020. After detailed discussions, the Authority decided to follow the Rule 36 (1-A) of Tamil Nadu Minor Mineral Concession Rules, 1959 as amended as which states as follows,

(a)"No lease shall be granted for quarrying stone within 300m from any habitated site"

(iii) "Inhabited site mean a village site or town site or house site or layout approved by a local body or town or country or metropolitan planning authority where the

  
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said Body or Authority is located under a state and empowered to approve such an area as a house site or layout area”

SEAC shall follow the aforesaid for processing of files relating to minor minerals. MS-SEIAA shall communicate the above decision to SEAC as requested.

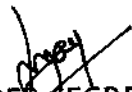
Based on the above decision of Authority, the proposal was again discussed in the 186th SEAC meeting held on 21.11.2020. The SEAC has noted as follows,

1. It was found that habitations were located within 150m of the proposed project site.
2. The location of the habitations around this proposed quarry was verified by SEAC today, on the Google Map.
3. It was found that there was a village approximately 150 m of the proposed quarry site. Also re-examining the VAO certificate for this proposal, the VAO certificate is based on enquiry, but not on actual site visit.

Hence, considering Google map as authenticate, as per SEIAA direction in its 399th meeting held on 24.09.2020, mentioned above, the proposal is not recommended.

The proposal was placed in the 417<sup>th</sup> Authority meeting held on 04.01.2021, 05.01.2021 & 06.01.2022. The Authority discussed in detail and noted that the SEAC in its 186th meeting held on 10.10.2020 has recommended as follows,

“It was found that habitations were located within 150m of the proposed project site. The location of the habitations around this proposed quarry was verified by SEAC today, on the Google Map. It was found that there was a village approximately 150 m of the proposed quarry site. Also re-examining the VAO certificate for this proposal, the VAO certificate is based on enquiry, but not on actual site visit. Hence, considering Google map as authenticate, as per SEIAA direction in its 399th meeting held on 24.09.2020, mentioned above, the proposal is not recommended”

  
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In view of the above, the Authority decided to reject the proposal for the reason as recommended by SEAC subject to condition that any appeal against this decision shall be made with the Hon'ble NGT, if preferred within a period of 30 days as prescribed under section 16 of the NGT Act, 2010.

Hence the project proponent has approached the NGT appeal No.51 of 2021(SZ) dated 13.07.2021 and prepared modified the Mining Plan without involving blasting operation to justify the direction of NGT order and got approval from Dept. of Geology & Mining.

The proposal was now placed for appraisal in this 244<sup>th</sup> meeting of SEAC held on 09.02.2022.

After examining the documents & project proposals furnished by the project proponent and based on the presentations & detailed deliberations, SEAC observed that the modified mining plan was not revised in terms of production, Hence SEAC have decided to ask the Proponent to justify the similar level of production as indicated in both approved Mining Plan involving Drilling & Blasting and Modified Mining Plan involving Hydraulic Rock Breakers (without blasting) for the breakage & production of adequate material for excavation/production.

Since it has been noted from the Google map that a shed not belonging to the owner is situated at a distance of 92.4 m from the lease boundary of the proposed quarry, the SEAC also decided to make an on- site - spot inspection to assess the status of the site by the sub-committee constituted by the SEAC.

On receipt of the Inspection report from sub-committee, SEAC would further deliberate on this project and decide the further course of action. Hence the SEAC has decided to defer the proposal.

**Agenda No:244 -7**

  
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(File No: 8762/2021)

Proposed Rough Stone Quarry lease area over an extent an extent of 2.50.0 Ha located at SF.No.346/2(P) of Nadumangalam Village, Natham Taluk, Dindigul District, Tamil Nadu by Thiru.C.Murugapandi - For Environmental Clearance.

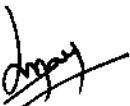
(SIA/TN/MIN/227223/2021 dated:01/09/2021)

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

The SEAC noted the following:

1. The project proponent, Thiru.C.Murugapandi has applied for Environmental Clearance for the proposed Rough Stone Quarry lease area over an extent an extent of 2.50.0 Ha located at SF.No.346/2(P) of Nadumangalam Village, Natham Taluk, Dindigul District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the five years states that the total quantity of recoverable as 2,87,800m<sup>3</sup> of Rough stone and the ultimate depth of mining is 61m.

After examining the documents & project proposals furnished by the project proponent and based on the presentations & detailed deliberations, SEAC noted that the Ministry of Mines. Gol vide order Dt: 03.06.2020 has issued certain guideline for auction of mineral blocks on Government land for pre-embedded clearance for mining project. This proposal is also in the Govt land take on lease through a tender process.

  
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Earlier, SEAC has sought a clarification through SEIAA to MoEF&CC in this regard and the same is awaited. Hence the SEAC decided to take up this proposal after obtaining the clarification.

**Agenda No:244 -8.**

**(File No: 8766/2021)**

**Proposed Rough Stone , Jelly & Gravel Quarry over an Extent of 4.60.5Ha in SF.No.293/1, 293/2, 293/4A, 293/4B, 293/5, 293/6, 293/8, 293/9 & 293/10 of Sandaiyur Village, Nilakottai Taluk, Dindigul District, Tamil Nadu by Thiru.M.Aboobacker - For Environmental Clearance.**

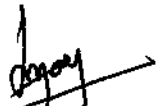
**(SIA/TN/MIN/227265/2021 dated:03/09/2021)**

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

The SEAC noted the following:

1. The project proponent, Thiru.M.Aboobacker has applied for Environmental Clearance for the proposed Rough Stone , Jelly & Gravel Quarry an Extent of 4.60.5Ha in SF.No.293/1, 293/2, 293/4A, 293/4B, 293/5, 293/6, 293/8, 293/9 & 293/10 of Sandaiyur Village, Nilakottai Taluk, Dindigul District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
4. The production for the five years states that the total quantity of recoverable as 1,08,585 m<sup>3</sup> of Gravel, 68,914 m<sup>3</sup> of Weathered rock and 4,06,750m<sup>3</sup> of Rough stone and the ultimate depth of mining is 20m below ground level.

After examining the documents & project proposals furnished by the project

  
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proponent and based on the presentations & detailed deliberations, SEAC noted that in G.O(MS) No. 295 dated 03.11.2021, the Government in Industries Department has notified the following Rules specifying certain conditions for permitting mining activities near ecologically sensitive areas.

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

The Committee noted that the Rajadani Reserve Forest is located at a distance of 600m south from this project site and the proposal is, therefore, hit by the above G.O. The Committee, therefore, decided not to recommend the proposal.

**Agenda No: 244 -9**

**(File No: 8770/2021)**

**Proposed Rough Stone & Gravel Quarry over an Extent of 1.00.0Ha in SF.No.51/5(P) of Aladipatti Village, Aruppukottai Taluk, Virudhunagar District, TamilNadu by Thiru.T.Ramakrishnan - For Environmental Clearance.**

**(SIA/TN/MIN/227927/2021 dated:08/09/2021)**

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

The SEAC noted the following:

1. The project proponent, Thiru.T.Ramakrishnan has applied for Environmental Clearance for the proposed Rough Stone & Gravel Quarry

  
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an Extent of 1.00.0Ha in SF.No.51/5(P) of Aladipatti Village, Aruppukottai Taluk, Virudhunagar 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 6,697m<sup>3</sup> of Top soil, 37,590 m<sup>3</sup> of Gravel and 33,276 m<sup>3</sup> of Rough stone and the ultimate depth of mining is 19m below ground level.

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 for the production of Rough Stone of 33,276 m<sup>3</sup> and Gravel of 37,590 m<sup>3</sup> with the ultimate depth of 19m BGL, the SEAC decided to recommend the proposal for the grant of Environmental Clearance subject to the standard condition mentioned in the Annexure of this minutes and standard conditions stipulated by MOEF &CC, in addition to the following specific conditions,

1. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere the EMP as committed.
2. As accepted by the Project Proponent the revised CER cost is Rs. 10 lakhs and the amount shall be spent for activities of (1) construction/renovation of Girls toilet with 24/7 water facility, (2) providing free supply of sanitary napkins for three months to adult girl students through the Headmaster, (3) installation of incinerator in the Girls toilets for safe disposal of sanitary napkins and (4) tree plantations in school in consultation with concerned Government school HM in Government School, Aladipatti Village before obtaining CTO from TNPCB.

  
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**Agenda No: 244 -10**

**(File No: 6775/2019)**

**Proposed Rough Stone & Gravel Quarry over an Extent of 7.41.5 Ha in S.F. No.272/3, 272/4, 273/1, 273/2, 273/3, 277/1 & 1240, Kullapuram Village, Periyakulam Taluk, Theni District, Tamil Nadu by Thiru.A.Kumar - For Environmental Clearance.**

**(SIA/TN/MIN/61307/2019 dated:04/04/2019)**

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

The SEAC noted the following:

1. The project proponent, Thiru.A.Kumar has applied for Environmental Clearance for the proposed Rough Stone & Gravel Quarry an Extent of 7.41.5 Ha in S.F. Nos.272/3, 272/4, 273/1, 273/2, 273/3, 277/1 & 1240, Kullapuram Village, Periyakulam Taluk, Theni District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification,2006.
3. The production for the five years states that the total quantity of recoverable as 2,98,056 m<sup>3</sup> of Gravel, 75,514m<sup>3</sup> of Weathered Rock and 21,05,265m<sup>3</sup> of Rough stone and the ultimate depth of mining is 60m below ground level.
4. ToR Issued vide letter No. SEIAA-TN/F.No.6775/SEAC/ToR-627/2019 dated:11.07.2019.
5. Public hearing was conducted on 22.01.2021.
6. As per GoI, MoEF&CC (Wildlife Division) dated 16/07/2020.

After examining the documents & project proposals furnished by the project proponent and based on the presentations & detailed deliberations, SEAC observed that Kodaikanal wild life sanctuary is located at a distance of 7.4km from the project site which is situated outside the Eco-sensitive Zone as per the final

  
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notification S.O.412(E) dated 23.01.2020 where the extent and boundaries of Eco-sensitive zone has been declared to an extent of 0.0 to 1 km around the boundary of above wild life sanctuary. Further it has been also observed that another eco-sensitive system - Mehamalai wild life sanctuary is located at a distance of 10.5km from the proposed project site, which is situated outside the Eco-sensitive Zone as per the final notification S.O.3651(E) dated 10.10.2019 where the extent and boundaries of Eco-sensitive zone has been declared to an extent of 0.0 to 1.7 km around the boundary of above wild life sanctuary.

With reference to the G.O cited in reference(6), it has been stated that,  
*"Proposals involving activity/project, falling outside the protected areas linking one protected area or tiger reserve with another protected area or tiger reserve, prior clearance from the standing committee of the National Board for Wild Life as per section 38 O(1) (g) of the Wild Life (protection) Act, 1972 will be required."*


After careful consideration of the matter, the ministry of MoEF&CC had clarified for the above GO stating that, prior clearance from the standing committee of the NBWL will be required outside protected areas in cases where proposed project is located within the notified eco-sensitive zone (ESZ) and listed in EIA notification 2006 and requires prior environmental clearance.

Further the ministry of MoEF&CC had explicated that the "Proposals involving project located within 10 km of national park/wildlife sanctuary wherein **ESZ has not been finally notified and activities/projects falling outside protected areas linking one protected area or tiger reserve to another**, will require prior clearance from NBWL standing committee".

Hence it has been observed that prior clearance from forestry & National Board for Wild life is not applicable for the above proposed project as it is located outside the finally notified Eco-Sensitive Zones (ESZ) of Kodaikanal wild life sanctuary and Mehamalai wild life sanctuary.

  
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SEAC decided to recommend the proposal for the grant of Environmental Clearance for the production of Rough Stone of 21,05,265m<sup>3</sup>, 75,514m<sup>3</sup> of Weathered Rock and Gravel of 2,98,056m<sup>3</sup> with the ultimate depth of 60m, SEAC have decided to recommend the proposal for the grant of Environmental Clearance subject to the standard conditions mentioned in the Annexure of this minutes and standard conditions stipulated by MOEF &CC, in addition to the following specific conditions,

1. Considering the existence of eco-sensitive zone, habitations and cluster of quarries around the project, the proponent shall carry out the Blast-Induced vibration study in the proposed quarry site through a reputed scientific institution such as NIRM, IIT, NIT, Anna University after obtaining the prior permission from the Director of Mines Safety Chennai and submit the copy of the report to the TNPCB and SEIAA within 12 months after the commencement of quarrying operations.
2. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere the EMP as committed.
3. As accepted by the Project Proponent the revised CER cost is Rs. 15 lakhs and the amount shall be spent for activities of (1) construction/renovation of Girls toilet with 24/7 water facility, (2) providing free supply of sanitary napkins for three months to adult girl students through the Headmaster, (3) installation of incinerator in the Girls toilet for safe disposal of sanitary napkins and (4) tree plantation in school in consultation with concerned Government school HM in Government High School, Kullapuram Village before obtaining CTO from TNPCB.
4. All the commitments made by the proponent during the Public Hearing, as per the minutes of Public Hearing should be implemented in total.

Agenda No: 244 -11

  
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(File No: 6898/2019)

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

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

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

The SEAC noted the following:

1. The project proponent, M/s. Anbura Minerals Pvt Ltd has applied for Environmental Clearance for the proposed Multi Colour Granite quarry an Extent of 1.93.5 Ha in S.F.Nos. 1127/4 & 1127/5 of Irudhukottai Village, Denkanikottai Taluk, Krishnagiri District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the five years states that the total quantity of recoverable as 24,000m<sup>3</sup> of ROM and the ultimate depth of mining is 10m below ground level.
4. ToR Issued vide letter No. SEIAA-TN/F.No.6898/SEAC/ToR-683/2020 dated: 22.01.2020.
5. Public hearing was conducted on 10.08.2021.

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

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

  
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**Agenda No:244 -12.**

**(File No: 6926/2019)**

**Proposed Black Granite quarry over an Extent of 3.93.50 Ha in S.F. Nos: 6/4B, 7/1B(P), 7/1C(P), 7/2, 12/1, 12/2A, 13/1A1B(P) & 13/1B of Anumanthapuram Village, Denkanikottai Taluk, Krishnagiri District, TamilNadu by M/s. Globle Enterprises - For Environmental Clearance.**

**(SIA/TN/MIN/ 49417/2020 dated:09/07/2019)**

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

The SEAC noted the following:

1. The project proponent, M/s. Globle Enterprises has applied for Environmental Clearance for the proposed Black Granite quarry an Extent of 3.93.50 Ha in S.F. Nos: 6/4B, 7/1B(P), 7/1C(P), 7/2, 12/1, 12/2A, 13/1A1B(P), 13/1B of Anumanthapuram Village, Denkanikottai Taluk, Krishnagiri District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the five years states that the total quantity of recoverable as 67,940m<sup>3</sup> of ROM and the ultimate depth of mining is 11m below ground level.
4. TOR Issued vide Lr No.SEIAA-TN/F.No.6926/SEAC/TOR-750/2020 Dated: 15.09.2020.
5. Public hearing was Conducted on 10.08.2021.

After examining the documents & project proposals furnished by the project proponent and based on the presentations & detailed deliberations, SEAC decided to recommend the proposal for the grant of Environmental Clearance for

  
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the production of 67,940m<sup>3</sup> of ROM with the ultimate depth of 11m, subject to the standard conditions stipulated by MOEF &CC, in addition to the following specific conditions:

1. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere the EMP as committed.
2. As accepted by the Project Proponent the revised CER cost is Rs. 15 lakhs and the amount shall be spent for activities of (1) construction/renovation of Girls toilet with 24/7 water facility, (2) providing free supply of sanitary napkins for three months to adult girl students through the Headmaster, (3) installation of incinerator in the Girls toilets for safe disposal of sanitary napkins and (4) tree plantations in school in consultation with concerned Government school HM in Government High School, Anumanthapuram Village before obtaining CTO from TNPCB.
3. All the commitments made by the proponent during the Public Hearing, as per the minutes of Public Hearing should be implemented in total.
4. The proponent shall mandatorily appoint the statutory Mines Manager and the other competent persons in relevant to the proposed quarry size as per the provisions of Mines Act 1952 and Granite Conservation & Development Rules, 1999.
5. The proponent shall erect fencing all around the boundary of the proposed area with gates for entry/exit before the commencement of the operation and shall furnish the photographs/map showing the same before obtaining the CTO from TNPCB.
6. Perennial maintenance of haulage road/village / Panchayat Road shall be done by the project proponent as required in connection with the concerned Govt. Authority.
7. The Project Proponent shall adhere to the working parameters of mining plan which was submitted at the time of EC appraisal wherein year-wise plan was

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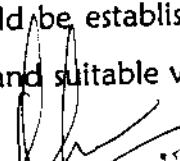
  
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mentioned for total excavation i.e. quantum of Granite, waste, over burden, side burden and top soil etc. No change in basic mining proposal like mining technology, total excavation, mineral & waste production, lease area and scope of working (viz.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

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

  
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methodology to be adopted by considering the wind direction.

12. The purpose of Green belt around the project is to capture the fugitive emissions, carbon sequestration and to attenuate the noise generated, in addition to improving the aesthetics. A wide range of indigenous plant species should be planted as given in the appendix in consultation with the DFO, State Agriculture University and local school/college authorities. The plant species with dense/moderate canopy of native origin should be chosen. Species of small/medium/tall trees alternating with shrubs should be planted in a mixed manner.
13. Taller/one year old Saplings raised in appropriate size of bags (preferably eco-friendly bags) should be planted in proper espacement as per the advice of local forest authorities/botanist/Horticulturist with regard to site specific choices. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner.
14. **Noise and Vibration Related:** (i) The Proponent shall carry out only the Controlled Blasting operation using the detonating cord/fuse of low grammage PETN (or) Gun powder (or) safety fuse for the extraction of the granite blocks in the quarry. However, the proponent shall use only NONEL based shock tube initiation system while carrying out the controlled blasting operations for the excavation of overburden and side burden even though no habitations (or) forest exists around the proposed site. The proponent shall not carry out any blasting operation involving the initiation system such as detonating cord safety fuse, ordinary detonators, cord relays, in the blasting operation carried out for the excavation of overburden and side burden. The mitigation measures for control of ground vibrations and to arrest fly rocks should be implemented meticulously under the supervision of statutory competent persons possessing the I / II Class Mines Manager / Foreman / Blaster certificate issued by the DGMS under MMR 1961, appointed in the quarry. No secondary blasting of granite boulders shall be carried

  
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- out in any occasions and only other suitable non-explosive techniques involving chemical agents shall be adopted if such secondary breakage is required. The Project Proponent shall provide required number of the security sentries for guarding the danger zone of 500 m radius from the site of blasting to ensure that no human/animal is present within this danger zone and also no person is allowed to enter into (or) stay in the danger zone during the blasting. (ii) Appropriate measures should be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs/muffs, (iii) Noise levels should be monitored regularly (on weekly basis) near the major sources of noise generation within the core zone.
15. The proponent shall undertake in a phased manner restoration, reclamation and rehabilitation of lands affected by the quarrying operations and shall complete this work before the conclusion of such operations and the abandonment of the granite quarry as assured in the Environmental Management Plan & the approved Mine Closure Plan.
16. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
17. The operation of the quarry should not affect the agricultural activities & water bodies near the project site and a 50 m safety distance from water body should be maintained without carrying any activity. The proponent shall take appropriate measures for "Silt Management" and prepare a SOP for periodical de-siltation indicating the possible silt content and size in case of any agricultural land exists around the quarry.
18. The proponent shall provide sedimentation tank / settling tank with adequate capacity for runoff management.
19. The proponent shall ensure that the transportation of the quarried granite stones shall not cause any hindrance to the Village people/Existing Village Road and shall take adequate safety precautionary measures while the vehicles are passing through



the schools / hospital. The Project Proponent shall ensure that the road may not be damaged due to transportation of the quarried granite stones; and transport of granite stones will be as per IRC Guidelines with respect to complying with traffic congestion and density.

20. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of the mining operation.
21. The Project Proponent shall take all possible precautions for the protection of environment and control of pollution while carrying out the mining or processing of granite in the area for which such license or lease is granted, as per
22. The Project Proponent shall comply with the provisions of the Mines Act, 1952, MMR 1961 and Mines Rules 1955 for ensuring safety, health and welfare of the people working in the mines and the surrounding habitants.
23. The project proponent shall ensure that the provisions of the MMDR Act, 1957, the Granite Conservation and Development Rules 1999, the MCDR 2017 and Tamilnadu Minor Mineral Concession Rules 1959 are complied by carrying out the quarrying operations in a skillful, scientific and systematic manner keeping in view proper safety of the labour, structure and the public and public works located in that vicinity of the quarrying area and in a manner to preserve the environment and ecology of the area.
24. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be informed to the District AD/DD (Geology and Mining) District Environmental Engineer (TNPCB) and the Director of Mines Safety (DMS), Chennai Region by the proponent without fail.
25. The Project Proponent shall abide by the annual production scheduled specified in the approved mining plan and if any deviation is observed, it will render the Project Proponent liable for legal action in accordance with Environment and Mining Laws.

  
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26. All the conditions imposed by the Assistant/Deputy Director, Geology & Mining, concerned District in the mining plan approval letter and the Precise area communication letter issued by concerned District Collector should be strictly followed.
27. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A.No.186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No.758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).
28. 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.

**Agenda No: 244 -13.**

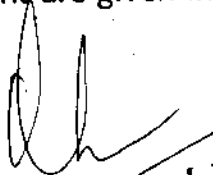
**(File No: 7388/2019)**

**Proposed Multi - Colour Granite Quarry over an Extent 4.45.0Ha in S.F.Nos. 353/6(Part), 354/A1, 355/A, 355/B1, 355/B2, 355/B3, 355/B4, 356/1, 356/2, 356/3, 357/4 and 358/9(Part) in K.Pitchampatti Village, Karur Taluk, karur District, TamilNadu, by M/s. M.P.Granite - For Environmental Clearance.**

**(SIA/TN/MIN /49028/2019 dated: 13/10/2021).**

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

  
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The SEAC noted the following:


1. The project proponent, M/s.M.P.Granite has applied for Environmental Clearance for the proposed Multi - Colour Granite Quarry an Extent 4.45.0Ha in S.F.Nos. 353/6(Part), 354/A1, 355/A, 355/B1, 355/B2, 355/B3, 355/B4, 356/1, 356/2, 356/3, 357/4 & 358/9(Part) in K.Pitchampatti Village, Karur Taluk, Karur District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification,2006.
3. The production for the five years states that the total quantity of recoverable as 60,000m<sup>3</sup> of ROM, 39,000m<sup>3</sup> of Multi Colour Granite and the ultimate depth of mining is 12.5m below ground level.
4. TOR Issued vide Lr No.SEIAA-TN/F.No.7388/SEAC/TOR-742/2020 Dated: 09.09.2020.
5. Public hearing was Conducted on 25.08.2021.

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 for the production of 60,000m<sup>3</sup> of ROM, 39,000m<sup>3</sup> of Multi Colour Granite with the ultimate depth of 12.5 m, subject to standard conditions stipulated by MOEF &CC, in addition to the following specific conditions,

1. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere the EMP as committed.
2. As accepted by the Project Proponent the revised CER cost is Rs. 15 lakhs and the amount shall be spent for activities of (1) construction/renovation of Girls toilet with 24/7 water facility, (2) providing free supply of sanitary napkins for three months to adult girl students through the Headmaster, (3) installation of


  
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incinerator in the Girls toilet for safe disposal of sanitary napkins and (4) tree plantation in school in consultation with concerned Government school HM in Government High School, K.Pitchampatti Village before obtaining CTO from TNPCB.

3. All the commitments made by the proponent during the Public Hearing, as per the minutes of Public Hearing should be implemented in total.
4. 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.
5. Perennial maintenance of haulage road/village / Panchayat Road shall be done by the project proponent as required in connection with the concerned Govt. Authority.
6. The Project Proponent shall adhere to the working parameters of mining plan which was submitted at the time of EC appraisal wherein year-wise plan was mentioned for total excavation i.e. quantum of Granite, waste, over burden, side burden and top soil etc. No change in basic mining proposal like mining technology, total excavation, mineral & waste production, lease area and scope of working (viz. method of mining, overburden & dump management, O.B & dump mining, mineral transportation mode, ultimate depth of mining etc.) shall not be carried out without prior approval of the Ministry of Environment, Forest and Climate Change, which entail adverse environmental impacts, even if it is a part of approved mining plan modified after grant of EC or granted by State Govt. in the form of Short Term Permit (STP), Query license or any other name.
7. The Proponent shall ensure that the overburden, waste rock and non-saleable granite generated during prospecting or mining operations of the granite quarry shall be stored separately in properly formed dumps on grounds earmarked. The physical parameters of the waste dumps like height, width and angle of slope shall

  
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be governed as per the approved Mining Plan as per the guidelines/circulars issued by DGMS w.r.t. safety in mining operations shall be strictly adhered to maintain the stability of waste dumps. Such dumps shall be properly secured to prevent the escape of material in harmful quantities which may cause degradation of the surrounding land or silting of water courses.

8. Perennial sprinkling arrangement shall be in place on the haulage road for fugitive dust suppression. Fugitive emission measurements should be carried out during the mining operation at regular intervals and submit the consolidated report to TNPCB once in six months.
9. The Proponent shall ensure that the Noise level is monitored during mining operation at the project site for all the machineries deployed and adequate noise level reduction measures undertaken accordingly. The report on the periodic monitoring shall be submitted to TNPCB once in 6 months.
10. Proper barriers to reduce noise level and dust pollution should be established by providing greenbelt along the boundary of the quarrying site and suitable working methodology to be adopted by considering the wind direction.
11. The purpose of Green belt around the project is to capture the fugitive emissions, carbon sequestration and to attenuate the noise generated, in addition to improving the aesthetics. A wide range of indigenous plant species should be planted as given in the appendix in consultation with the DFO, State Agriculture University and local school/college authorities. The plant species with dense/moderate canopy of native origin should be chosen. Species of small/medium/tall trees alternating with shrubs should be planted in a mixed manner.
12. Taller/one year old Saplings raised in appropriate size of bags (preferably eco-friendly bags) should be planted in proper escapements as per the advice of local forest authorities/botanist/Horticulturist with regard to site specific choices. The proponent shall earmark the greenbelt area with GPS coordinates all along the

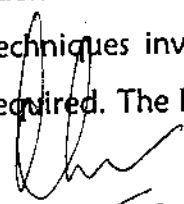
  
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boundary of the project site with at least 3 meters wide and in between blocks in an organized manner.

13. The purpose of Green belt around the project is to capture the fugitive emissions and to attenuate the noise generated, in addition to the improvement in the aesthetics. A wide range of indigenous plants species should be planted in and around the premise in consultation with the DFO, District / State Agriculture University. The plants species should have thick canopy cover, perennial green nature, native origin and large leaf areas. Medium size trees and small trees alternating with shrubs shall be planted. Miyawaki method of planting i.e. planting different types of trees at very close intervals may be tried which will give a good green cover. Greenbelt needs to be developed in the periphery of the mines area so that at the closure time the trees would have grown well.
14. **Noise and Vibration Related:** (i) The Proponent shall carry out only the Controlled Blasting operation using the detonating cord/fuse of low grammage PETN (or) Gun powder (or) safety fuse for the extraction of the granite blocks in the quarry. However, the proponent shall use only NONEL based shock tube initiation system while carrying out the controlled blasting operations for the excavation of overburden and side burden even though no habitations (or) forest exists around the proposed site. The proponent shall not carry out any blasting operation involving the initiation system such as detonating cord safety fuse, ordinary detonators, cord relays, in the blasting operation carried out for the excavation of overburden and side burden. The mitigation measures for control of ground vibrations and to arrest fly rocks should be implemented meticulously under the supervision of statutory competent persons possessing the I / II Class Mines Manager / Foreman / Blaster certificate issued by the DGMS under MMR 1961, appointed in the quarry. No secondary blasting of granite boulders shall be carried out in any occasions and only other suitable non-explosive techniques involving chemical agents shall be adopted if such secondary breakage is required. The Project

  
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Proponent shall provide required number of the security sentries for guarding the danger zone of 500 m radius from the site of blasting to ensure that no human/animal is present within this danger zone and also no person is allowed to enter into (or) stay in the danger zone during the blasting. (ii) Appropriate measures should be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs/muffs, (iii) Noise levels should be monitored regularly (on weekly basis) near the major sources of noise generation within the core zone.

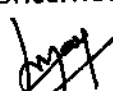
15. The proponent shall undertake in a phased manner restoration, reclamation and rehabilitation of lands affected by the quarrying operations and shall complete this work before the conclusion of such operations and the abandonment of the granite quarry as assured in the Environmental Management Plan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

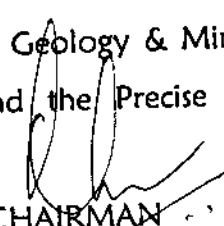
  
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granite stones will be as per IRC Guidelines with respect to complying with traffic congestion and density.

20. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of the mining operation.
21. The Project Proponent shall take all possible precautions for the protection of environment and control of pollution while carrying out the mining or processing of granite in the area for which such license or lease is granted, as per
22. The Project Proponent shall comply with the provisions of the Mines Act, 1952, MMR 1961 and Mines Rules 1955 for ensuring safety, health and welfare of the people working in the mines and the surrounding habitants.
23. The project proponent shall ensure that the provisions of the MMDR Act, 1957, the Granite Conservation and Development Rules 1999, the MCDR 2017 and Tamilnadu Minor Mineral Concession Rules 1959 are complied by carrying out the quarrying operations in a skillful, scientific and systematic manner keeping in view proper safety of the labour, structure and the public and public works located in that vicinity of the quarrying area and in a manner to preserve the environment and ecology of the area.
24. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be informed to the District AD/DD (Geology and Mining) District Environmental Engineer (TNPCB) and the Director of Mines Safety (DMS), Chennai Region by the proponent without fail.
25. The Project Proponent shall abide by the annual production scheduled specified in the approved mining plan and if any deviation is observed, it will render the Project Proponent liable for legal action in accordance with Environment and Mining Laws.
26. All the conditions imposed by the Assistant/Deputy Director, Geology & Mining, concerned District in the mining plan approval letter and the Precise area

  
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communication letter issued by concerned District Collector should be strictly followed.

27. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A.No.186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No.758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).

28. 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.

**Agenda No: 244 -14**


**(File No: 7542/2020)**

**Proposed Rough stone and Gravel Quarry over an Extent of 2.22.5 Ha in S.F. No. 48/12, 48/13, 48/14, 50/2, 50/3(P), 50/4, 50/5, 50/6 & 50/11 in Sundakkottai Village, Aruppukottai Taluk, Virudhunagar District, Tamil Nadu by Thiru.T.R Varadarajan - For Environmental Clearance.**

**(SIA/TN/MIN /68220/2020 dated:08/10/2021).**

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

The SEAC noted the following:

  
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1. The project proponent, Thiru.T.R.Varadarajan has applied for Environmental Clearance for the proposed Rough stone and Gravel Quarry an Extent 2.22.5 Ha in S.F. No. 48/12, 48/13, 48/14, 50/2, 50/3(P), 50/4, 50/5, 50/6 & 50/11 in Sundakkottai Village, Aruppukottai Taluk, Virudhunagar District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the five years states that the total quantity of recoverable as 1,01,124 m<sup>3</sup> of Gravel and 2,12,340m<sup>3</sup> of Rough stone and the ultimate depth of mining is 26m below ground level.
4. TOR Issued vide Lr No.SEIAA-TN/F. No. 7542/SEAC/ToR-827/2020 Dated: 14.12.2020.
5. Public hearing was conducted on 23.07.2021.

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 for the production of Rough Stone of 2,12,340m<sup>3</sup> and Gravel of 1,01,124 m<sup>3</sup> with the ultimate depth of 26 m BGL, subject to the standard conditions mentioned in the Annexure of this minutes and standard conditions stipulated by MOEF &CC, in addition to the following specific conditions,

1. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere the EMP as committed.
2. As accepted by the Project Proponent the revised CER cost is Rs. 5 lakhs and the amount shall be spent for activities of (1) construction/renovation of Girls toilet with 24/7 water facility, (2) providing free supply of sanitary napkins for three months to adult girl students through the Headmaster, (3) installation of incinerator in the Girls toilet for safe disposal of sanitary napkins and (4) tree

  
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plantations in the school in consultation with the concerned Government school HM in Government High School, Kalloorani Village before obtaining CTO from TNPCB.

3. All the commitments made by the proponent during the Public Hearing, as per the minutes of Public Hearing should be implemented in total.

**Agenda No: 244 -15**

**(File No: 7975/2020)**

**Proposed Rough stone and Gravel Quarry over an Extent 3.20.5 ha in S.F. No. 460/1 (P) & 461, Muduthurai Village, Mettupalayam Taluk, Coimbatore District, Tamil Nadu by M/s. Venkateswara Blue Metals - For Environmental Clearance.**

**(SIA/TN/MIN / 233241/2021 dated: 14/10/2021).**

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

The SEAC noted the following:

1. The project proponent, M/s. Venkateswara Blue Metals has applied for Environmental Clearance for the proposed Rough stone and Gravel Quarry an Extent 3.20.5 ha in S.F. No. 460/1(P) & 461, Muduthurai Village, Mettupalayam Taluk, Coimbatore District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the five years states that the total quantity of recoverable as 49,826 m<sup>3</sup> of Gravel, 22,675m<sup>3</sup> of Weathered Rock and 4,03,060m<sup>3</sup> of Rough stone and the ultimate depth of mining is 33m below ground level.
4. TOR Issued vide Lr No.SEIAA-TN/F. No. 7975/SEAC/ToR-908/2020 Dated: 16.03.2021.

  
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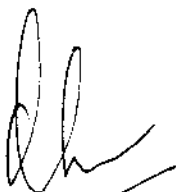
5. Public hearing was conducted on 30.08.2021.

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 for the production of Rough Stone of 4,03,060m<sup>3</sup> and Gravel of 49,826 m<sup>3</sup> with the ultimate depth of 33 m BGL, subject to the standard conditions mentioned in the Annexure of this minutes and standard conditions stipulated by MOEF &CC, in addition to the following specific conditions,

1. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere the EMP as committed.
2. As accepted by the Project Proponent the revised CER cost is Rs. 5 lakhs and the amount shall be spent for activities of (1) construction/renovation of Girls toilet with 24/7 water facility, (2) providing free supply of sanitary napkins for three months to adult girl students through the Headmaster, (3) installation of incinerator in the Girls toilets for safe disposal of sanitary napkins and (4) tree plantations in school in consultation with concerned Government school HM in Government High School, Muduthurai Village before obtaining CTO from TNPCB.
3. All the commitments made by the proponent during the Public Hearing, as per the minutes of Public Hearing should be implemented in total.



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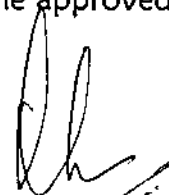
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## ANNEXURE

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




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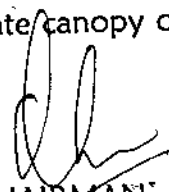


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Plan as per the guidelines/circulars issued by DGMS w.r.t. safety in mining operations shall be strictly adhered to maintain the stability of waste dumps.

6. The proponent shall ensure that the slope of dumps is suitably vegetated in scientific manner with the native species to maintain the slope stability, prevent erosion and surface run off. The gullies formed on slopes should be adequately taken care of as it impacts the overall stability of dumps.
7. Perennial sprinkling arrangement shall be in place on the haulage road for fugitive dust suppression. Fugitive emission measurements should be carried out during the mining operation at regular intervals and submit the consolidated report to TNPCB once in six months.
8. The Project Proponent shall carry out slope stability study by a reputed academic/research institution such as NIRM, IIT, Anna University for evaluating the safe slope angle if the proposed dump height is more than 30 meters. The slope stability report shall be submitted to concerned Regional office of MoEF&CC, Govt. of India, Chennai as well as SEIAA, Tamilnadu.
9. The Proponent shall ensure that the Noise level is monitored during mining operation at the project site for all the machineries deployed and adequate noise level reduction measures undertaken accordingly. The report on the periodic monitoring shall be submitted to TNPCB once in 6 months.
10. Proper barriers to reduce noise level and dust pollution should be established by providing greenbelt along the boundary of the quarrying site and suitable working methodology to be adopted by considering the wind direction.
11. The purpose of Green belt around the project is to capture the fugitive emissions, carbon sequestration and to attenuate the noise generated, in addition to improving the aesthetics. A wide range of indigenous plant species should be planted as given in the appendix in consultation with the DFO, State Agriculture University and local school/college authorities. The plant species with dense/moderate canopy of native

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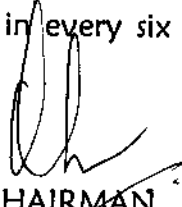
  
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origin should be chosen. Species of small/medium/tall trees alternating with shrubs should be planted in a mixed manner.

12. Taller/one year old Saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted in proper escapements as per the advice of local forest authorities/botanist/Horticulturist with regard to site specific choices. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner.
13. **Noise and Vibration Related:** (i) The Proponent shall carry out only the Controlled Blasting operation using NONEL shock tube initiation system during daytime. Usage of other initiation systems such as detonating cord/fuse, safety fuse, ordinary detonators, cord relays, should be avoided in the blasting operation. The mitigation measures for control of ground vibrations and to arrest fly rocks should be implemented meticulously under the supervision of statutory competent persons possessing the I / II Class Mines Manager / Foreman / Blaster certificate issued by the DGMS under MMR 1961, appointed in the quarry. No secondary blasting of boulders shall be carried out in any occasions and only the Rock Breakers (or) other suitable non-explosive techniques shall be adopted if such secondary breakage is required. The Project Proponent shall provide required number of the security sentries for guarding the danger zone of 500 m radius from the site of blasting to ensure that no human/animal is present within this danger zone and also no person is allowed to enter into (or) stay in the danger zone during the blasting. (ii) Appropriate measures should be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs/muffs, (iii) Noise levels should be monitored regularly (on weekly basis) near the major sources of noise generation within the core zone.
14. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.

  
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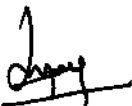
15. The operation of the quarry should not affect the agricultural activities & water bodies near the project site and a 50 m safety distance from water body should be maintained without carrying any activity. The proponent shall take appropriate measures for "Silt Management" and prepare a SOP for periodical de-siltation indicating the possible silt content and size in case of any agricultural land exists around the quarry.
16. The proponent shall provide sedimentation tank / settling tank with adequate capacity for runoff management.
17. The proponent shall ensure that the transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village Road and shall take adequate safety precautionary measures while the vehicles are passing through the schools / hospital. The Project Proponent shall ensure that the road may not be damaged due to transportation of the quarried rough stones; and transport of rough stones will be as per IRC Guidelines with respect to complying with traffic congestion and density.
18. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of the mining operation.
19. After mining operations are completed, the mine closure activities as indicated in the mine closure plan shall be strictly carried out by the Proponent fulfilling the necessary actions as assured in the Environmental Management Plan.
20. The Project proponent shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition that is fit for the growth of fodder, flora, fauna etc.
21. The Project Proponent shall comply with the provisions of the Mines Act, 1952, MMR 1961 and Mines Rules 1955 for ensuring safety, health and welfare of the people working in the mines and the surrounding habitants.

  
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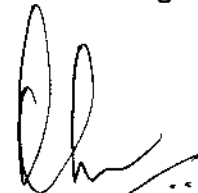
  
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22. The project proponent shall ensure that the provisions of the MMRD, 1956, the MCDR 2017 and Tamilnadu Minor Mineral Concession Rules 1959 are complied by carrying out the quarrying operations in a skillful, scientific and systematic manner keeping in view proper safety of the labour, structure and the public and public works located in that vicinity of the quarrying area and in a manner to preserve the environment and ecology of the area.
23. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be informed to the District AD/DD (Geology and Mining) District Environmental Engineer (TNPCB) and the Director of Mines Safety (DMS), Chennai Region by the proponent without fail.
24. The Project Proponent shall abide by the annual production scheduled specified in the approved mining plan and if any deviation is observed, it will render the Project Proponent liable for legal action in accordance with Environment and Mining Laws.
25. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wildlife as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance, as per the existing law from time to time.
26. All the conditions imposed by the Assistant/Deputy Director, Geology & Mining, concerned District in the mining plan approval letter and the Precise area communication letter issued by concerned District Collector should be strictly followed.
27. The mining lease holders shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.

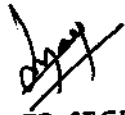


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28. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A.No.186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No.758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).



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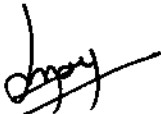


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## Appendix

### List of Native Trees Suggested for Planting

1. *Aegle marmelos* – Vilvam
2. *Adenanthura pavonina* - Manjadi
3. *Albizia lebeck* – Vaagai
4. *Albizia amara* - Usil
5. *Bauhinia purpurea* - Mantharai
6. *Bauhinia racemosa* - Aathi
7. *Bauhinia tomentosa* – Iruvathi
8. *Buchanania aillaris* - Kattuma
9. *Borassus flabellifer* - Panai
10. *Butea monosperma* - Murukka maram
11. *Bobax ceiba* – Ilavu, Sevvilavu
12. *Calophyllum inophyllum* - Punnai
13. *Cassia fistula* - Sarakondrai
14. *Cassia roxburghii*- Sengondrai
15. *Chloroxylon sweitenia* - Purasa maram
16. *Cochlospermum religiosum* – Kongu, Manjal Ilavu
17. *Cordia dichotoma* – Mookuchali maram
18. *Creteva adansonii* – Mavalingum
19. *Dillenia indica* – Uva, Uzha
20. *Dillenia pentagyna* – Siru Uva, Sitruzha
21. *Diospyros ebenum* - Karungali
22. *Diospyros chloroxylon* – Vaganai
23. *Ficus amplissima* – Kal Itchi

  
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24. *Hibiscus tiliaceous* – Aatru poovarasu
25. *Hardwickia binata* – Aacha
26. *Holoptelia integrifolia* – Aayili
27. *Lannea coromandelica* – Odhiam
28. *Lagerstroemia speciosa* – Poo Marudhu
29. *Lepisanthus tetraphylla* – Neikottai maram
30. *Limonia acidissima* – Vila maram
31. *Litsea glutinosa* – Pisin pattai
32. *Madhuca longifolia* – Illuppai
33. *Manilkara hexandra* – Ulakkai Paalai
34. *Mimusops elengi* – Magizha maram
35. *Mitragyna parvifolia* – Kadambu
36. *Morinda pubescens* – Nuna
37. *Morinda citrifolia* – Vellai Nuna
38. *Phoenix sylvestre* – Eachai
39. *Pongamia pinnata* – Pungam
40. *Premna mollissima* – Munnai
41. *Premna serratifolia* – Narumunnai
42. *Premna tomentosa* – Purangai Naari, Pudanga Naari
43. *Prosopis cinerea* – Vanni maram
44. *Pterocarpus marsupium* – Vengai
45. *Pterospermum canescens* – Vennangu, Tada
46. *Pterospermum xylocarpum* – Polavu
47. *Puthranjiva roxburghii* – Puthranjivi
48. *Salvadora persica* – Ugaa Maram
49. *Sapindus emarginatus* – Manipungan, Soapu kai
50. *Saraca asoca* – Asoca

51. *Streblus asper* - Piraya maram
52. *Strychnos nuxvomica* - Yetti
53. *Strychnos potatorum* - Therthang Kottai
54. *Syzygium cumini* - Naval
55. *Terminalia bellerica* - Thandri
56. *Terminalia arjuna* - Ven marudhu
57. *Toona ciliate* - Sandhana vembu
58. *Thespesia populnea* - Puvarasu
59. *Walsura trifoliata* - valsura
60. *Wrightia tinctoria* - Vep

Finally, the meeting ended with thanks to the Chairman and members at 6.00 P.M.



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