

STATE EXPERT APPRAISAL COMMITTEE – TAMIL NADU

Minutes of the Meeting of 291st State Expert Appraisal Committee (SEAC) held on 1st July 2022 (Friday) & 2nd July 2022 (Saturday) at SEIAA Conference Hall, 2nd Floor, Panagal Maligai, Saidapet, Chennai 600 015 for appraisal of Building and Construction Projects, Townships and Area Development Projects & Mining Projects through online and offline mode.

Agenda No: 291-01

(File No: 1107/2022)

Proposal seeking Amendment in Environmental Clearance issued for establishment of 18 MW Co-generation (1x 18 MW) within the existing Perambalur Co-operative Sugar Mills at S.F.Nos. 255,256 and 260, Eraiyur Village, Veppanthattai Taluk, Perambalur District. Amendment requested for Modification of Boiler as Travelling Grade Multi fuel boiler instead of circulating fluidized Bed combustion Boiler (SIA/TN/IND2/183105/2020 Dt. 11.02.2022).

The proposal was placed in 291st SEAC meeting held on 1.7.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Environmental clearance was accorded to M/s. Tamil Nadu Generation and Distribution Company Ltd. (TANGEDCO) vide Letter No. SEIAA / TN/EC/1(d)/16 /F- 322/2010 / dt. 03.04.2013 valid for a period of 5 years for setting up of 18 MW Cogeneration Power Plant (1x 18 MW) within the existing Co-operative sugar factory of M/s. Perambalur Sugar Mills Ltd., at S.F.Nos. 255,256 and 260. Eraiyur Village, Veppanthattai Taluk, Perambalur District.
2. The cogeneration power plant will run for 330 days in a year by using fuels such as bagasse for 187 days, Biomass for 99 days and Coal for 44 days. Fuel requirement/day will be 722 Tonnes of bagasse, 727 Tonnes of biomass and 307 Tonnes of coal. It is proposed to install a multi-fuel fired boiler (80 TPH Circulating Fluidised Bed Combustion Boiler) to use bagasse/ biomass/coal as fuel. The production capacity of the power plant is 16.60 MW power during season and 18 MW power during off season.


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3. Now, the PP has applied for the following amendment

S.No	Item	As per EC	Amendment Sought (As per Form I&II, CTE & CTO)
1	Type of Boiler	80 TPH Circulating Fluidised Bed Combustion Boiler	90 TPH travelling Grade Multi fuel fired boiler

Based on the presentation and documents furnished by the project proponent, SEAC noted that the PP has applied for ToR through draft EIA and in the EMP report the capacity of boiler was reported as 90 TPH Multi fuel fired boiler. The PP also reported the same in final EIA, EMP report. However, during the presentation made in 37th SEAC meeting held on 4.3.2013, the PP had mentioned the capacity as '1x80TPH Boiler' and the SEAC had also recommended granting of EC. Subsequently it was placed in 67th SEIAA meeting held on 3.4.2013 and it is seen that while in agenda heading the mention was '80 TPH Circulating Fluidised Bed Combustion Boiler', the page reference in the agenda in EIA reports contains 90TPH.

In view of the above, the SEAC noted that there is no change in production capacity of the power plant and decided to recommend the following amendment in the existing EC issued to PP subject to the condition that all other conditions mentioned in the EC vide Letter No. SEIAA / TN/EC/1(d)/16 /F- 322/2010 / dt. 03.04.2013 will remain unaltered.

S.No	Name of Fuel	As per EC	Amendment Recommended
1	Type of Boiler	80 TPH Circulating Fluidised Bed Combustion Boiler	90 TPH Travelling Grade Multi Fuel Fired Boiler


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Agenda No: 291-02

(File No: 1107/2022)

Proposed Black Granite quarry lease over an extent of 35.99.0 Ha at S.F.No: 412 (P) at Sinjаланatham Village, Pennagaram Taluk, Dharmapuri District, Tamil Nadu by M/s. Tamil Nadu Minerals Limited- For Environmental Clearance.

(SIA/TN/MIN/74005/2018 Dated:23.03.2022)

The proposal was placed in 291st SEAC meeting held on 1.7.2022. 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. Tamil Nadu Minerals Limited has applied for Environmental Clearance for the proposed Black Granite quarry lease over an extent of 35.99.0 Ha at S.F.No: 412 (P) at Sinjаланatham Village, Pennagaram Taluk, Dharmapuri District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
3. ToR issued vide Lr No. SEIAA-TN/F.No.1102/2013/TOR-820/2020 Dt.17.11.2020 under violation category.
4. Public hearing conducted on 21.01.2022
5. As per the mining plan, the lease period is for 30 years. The mining plan is for the period of 5 years. The total production for 5 years not to exceed ROM- 296347 m³ & 29634 m³ of Granite with ultimate depth of 28m.

This proposal has placed in 291st SEAC meeting held on 1.7.2022. The Committee decided to defer the proposal since the PP requested for time to furnish certain details to the Committee. Also the Committee called for the following details from the PP.

1. The PP shall furnish a letter from DFO on the proximity details of nearest RF with respect to the proposed project site.

Agenda No: 291-03

(File No: 6691/2021)

Proposed Lime stone quarry lease over an extent of 66.11.0 Ha at S.F.No: 180, 176, 179/1, 4, 181, 182/1B, 185/2 of Ariyalur (Kurumbanchavadi) Village, S.F.Nos. 91, 92/4, 5, 1, 6, 113/3 of Ameenabad Village S.F.Nos. 218/1A, 226/1, 233/2, 236, 238/2, 4, 261, 277/7, 16, 513/1, 2, 4, 514/1, 2, 9, 162/5B, 163/14, 164/1, 6, 165/18, 166/28, 167/1, 169/1, 474/1, 2 of Kallankurichi Village S.F.Nos. 28/1, 7, 29/1, 30/1, 13, 15, 31/10, 281/1, 281/3.


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282, 291 of Kairlambad Village Ariyalur Taluk, Ariyalur District Tamil Nadu by M/s. Tamil Nadu Cements Corporation Ltd- For Environmental Clearance.(SIA/TN/MIN/67645/2018 Dt.22.09.2021) under violation category.

The proposal was placed in 291st SEAC meeting held on 1.7.2022. 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. Tamil Nadu Cements Corporation Ltd has applied for Environmental Clearance for the proposed Lime stone quarry lease over an extent of 66.11.0 Ha at S.F.No: 180, 176, 179/1, 4, 181, 182/1B, 185/2 of Ariyalur (Kurumbanchavadi) Village, S.F.Nos. 91, 92/4, 5, 1, 6, 113/3 of Ameenabad Village S.F.Nos. 218/1A, 226/1, 233/2, 236, 238/2, 4, 261, 277/7, 16, 513/1, 2, 4, 514/1, 2, 9, 162/5B, 163/14, 164/1, 6, 165/1B, 166/2B, 167/1, 169/1, 474/1, 2 of Kallankurichi Village S.F.Nos. 28/1, 7, 29/1, 30/1, 13, 15, 31/10, 281/1, 281/3, 282, 291 of Kairlambad Village Ariyalur Taluk, Ariyalur District Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
3. ToR issued vide Lr No. SEIAATN/F.No.6691/2019/ToR-610/2019 dated 27.02.2019 under violation category.
4. Public hearing conducted on 11.12.2020.
5. Limestone Production Capacity of 0.1 Million TPA and Topsoil capacity 0.015 Million TPA with total capacity of 0.115 MTPA of GO No.469, Kallankurichi Limestone Mine by M/s Tamil Nadu Cements Corporation Ltd. located at Kurumbanchavadi Village & Kallankurichi Village Ariyalur Taluk, Ariyalur District, Tamil Nadu

This proposal has placed in 291st SEAC meeting held on 1.7.2022. Based on the presentation & documents furnished by the PP, SEAC decided to make onsite inspection by the Subcommittee constituted by SEAC, to assess the present environment conditions. On receipt of the Subcommittee report further deliberation will be done.


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Agenda No: 291-04

(File No: 6850/2019)

Proposed Red Earth quarry lease over an extent of 0.39.0 Ha at S.F.No: 202/1 of Tholappan Pannal Village, Srivaikuntam Taluk, Thoothukudi District, Tamil Nadu by Thiru. S.Muthukrishnan - For Environmental Clearance.(SIA/TN/MIN/35955/2019, dated: 09.05.2019)

The proposal was placed in 291st SEAC meeting held on 1.7.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru. S.Muthukrishnan has applied for Environmental Clearance for the proposed Red Earth quarry lease over an extent of 0.39.0 Ha at S.F.No: 202/1 of Tholappan Pannai Village, Srivaikuntam 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. As per the mining plan, the lease period is for 6 months. The mining plan is for the period of 6 months. The total production for 6 months not to exceed 6615 m³ of Earth with ultimate depth of 3.5 m AGL.
4. Earlier, this proposal was placed in 261st SEAC Meeting held on 07.04.2022 and called for the certain details.

On the receipt of the same, this proposal was again placed in 291st SEAC meeting held on 1.7.2022. 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 certain directions.

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, *inter alia*, issued the following directions:


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- 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 noted that the lease period is less than one year and hence SEAC decided not to recommend the proposal.

Agenda No: 291-5


(File No. 6877/2019)

Proposed Quartz & Feldspar quarry lease over an extent of 1.35.0ha S.F.Nos 153/1J, 1K, 1L, 1M, 1N, 155/1A1, 1B, 2A & 3 at Periyagoundampalayam Village of Namakkal Taluk, Namakkal District the state of Tamil Nadu by M/s. A.P.M. Minerals- for Environment Clearance. [SIA/TN/MIN/36844/2019, 6877]

The proposal was placed in 291st SEAC meeting held on 1.7.2022. 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. A.P.M. Minerals has applied for Environmental Clearance for the proposed Quartz & Feldspar quarry lease over an extent of 1.35.0ha comprising S.F.Nos 153/1J, 1K, 1L, 1M, 1N, 155/1A1, 1B, 2A & 3 at Periyagoundampalayam Village of Namakkal Taluk, Namakkal District the state of Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 10 years. The mining plan is for the period of 5 years. The total production for 5 years not to exceed ROM- 23377T, Quartz-11455T and Feldspar - 4909T. The peak annual production ROM- 6107-T (4th year), Quartz-2993T (4th year) and Feldspar - 1283T (4th year)


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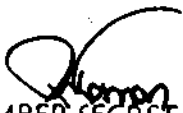
with proposed depth of 11m.

4. Earlier, this proposal was placed in 138th SEAC meeting held on 08.11.2019. Based on the presentation made by the proponent, the SEAC directed the proponent to furnish following details.

- The project proponent shall furnish registered lease/land document in the name of M/s. A.P.M. Minerals.
- The unit shall furnish the fugitive emission modelling studies and noise level survey report.

On receipt of the above details, this subject was again placed in 291st SEAC meeting held on 1.7.2022. 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 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.
2. The PP shall carry out Silicosis test and eye test for their all employees frequently.
3. The employees who are deployed in the mining operations shall be replaced as provided in the concerned Rules.
4. The proponent shall provide PPE to the miners such as boots, gloves, goggles, etc, before they enter the mine.
5. As per the MoEF& CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere to the EMP furnished.
6. As accepted by the Project proponent, the CER cost is Rs. 5 lakh and the amount shall be spent for the committed activities before obtaining CTO from TNPCB.


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Agenda No: 291-6

(File No: 7238/2021)

Proposed Rough Stone & Gravel quarry lease area over an extent of 2.94.5Ha at S.F.Nos. 103/8, 9, 92/3D, 3E, 3L2, 3M, 3N1, 3N2, 3N3, 3K2, 98/13B and 98/14B of Girijapuram Village, Vembakkam Taluk, Tiruvannamalai District, Tamil Nadu by Thiru.R.Mohanraj - For Environmental Clearance. (SIA/TN/MIS/45343/2019, dated: 11.03.2021)

The proposal was placed for appraisal in this 291st meeting of SEAC held on 1.7.2022. 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.R.Mohanraj, has applied for Environmental Clearance for the proposed Rough Stone & Gravel quarry lease area over an extent of 2.94.5Ha at S.F.Nos. 103/8, 9, 92/3D, 3E, 3L2, 3M, 3N1, 3N2, 3N3, 3K2, 98/13B and 98/14B of Girijapuram Village, Vembakkam Taluk, Tiruvannamalai District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 8(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan the lease period is 5 years. The mining plan is for the period of 5 years. The total production for the five years not to exceed 457880cu.m of Rough Stone & 49988cu.m of Gravel. The annual peak production 95210cu.m of Rough Stone (4th year) & 22420cu.m of gravel (2nd year) with ultimate depth of mining is 42m.
4. Earlier ToR was issued by SEIAA-TN vide Lr. No. SEIAA-TN/F.No.7238/SEAC/ToR- 844/2019 dated: 17.02.2021 with restricted height of mining is 37m.
5. Project proponent EIA report submitted to SEIAA-TN on 26.03.2021.
6. Earlier, this proposal was placed in 217th meeting of SEAC held on 06.07.2021. The SEAC noted that ToR was issued on 17.02.2021 and public hearing was conducted on 05.02.2021 for the quarries which are situated nearby this quarry site. Public hearing was conducted before the issue of ToR. As per rule the project proponent


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should obtain ToR first and prepare the EIA report and submit the same to SEIAA & TNPCB and TNPCB would arrange the Publichearing following the stipulated procedure. This step was averted and hence the PP was instructed to follow the procedure as per norms.

Now, the proposal has again been placed in 291st SEAC meeting held on 1.7.2022. The PP has made the re presentation along with the minutes of public hearing conducted on 6.11.2021.

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 production 4,41,110cu.m of Rough Stone & 49,988cu.m of Gravel for an ultimate depth of 37m, 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.
2. Tree plantation & fencing around the mine lease area shall be completed before starting the production.
3. The mine manager and other statutory competent persons such as blaster (or) mine mate shall be appointed before the commencement of mining operation.
4. The PP shall ensure that only controlled blasting operation involving line drilling and muffle blasting is carried out in the quarry such that no fly rock travel beyond 30 m from the blast site.
5. The PP shall carry out maximum of two rounds of controlled blast only per day, restricted to the maximum of 50 Nos of holes per round with maintaining maximum charge per delay of not exceeding 0.375 kg/round using jack hammer drilled holes (32-34 mm dia & 1.5 m length) to ensure the environmentally acceptable blasting operation. The PP shall also ensure an interval of atleast 30 minutes is maintained between these rounds of blast.


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6. 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.
7. As accepted by the Project proponent the CER cost is Rs. 5 lakhs and the amount shall be spent for the Govt. Hr. Sec. School, Menallur as committed, before obtaining CTO from TNPCB.

Agenda No: 291-7

(File No: 7642/2020)

Proposed Gravel quarry lease over an extent of 3.61.5 Ha at S.F. Nos.1/3, 1/5 and 1/8, Andanur village, Vadipatti Taluk, Madurai District, Tamil Nadu by Thiru. M. Ramalingam - For Environmental Clearance.(SIA./TN/MIN/162506/2020 dated 13.07.2020)

The proposal was placed for appraisal in this 291st meeting of SEAC held on 1.7.2022. The details of the project furnished by the proponent are available on the website (parivesh.nic.in).

The project proponent gave detailed presentation of the project. SEAC noted the following:

1. The Project Proponent, Thiru. M. Ramalingam has applied seeking Environmental Clearance for the proposed Gravel quarry lease over an extent of 3.61.5 Ha at S.F.Nor.1/3, 1/5 and 1/8, Andanur Village, Vadipatti Taluk, Madurai District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item I(a) "Mining of Minerals Project" of the Schedule to the EIA Notification,2006.
3. As per the mining plan the lease period is 2 years. The mining plan is for the period of 2 years. The total production for the 2 years not to exceed 57940cu.m Gravel with ultimate depth of 2m.
4. Earlier, this proposal was placed in 192nd meeting of SEAC held on 07.01.2021. Based on the presentation made and documents furnished by the Project proponent, SEAC sought the following details, from the proponent
 - The operation period of the quarries (Abandoned/existing/expired & proposed quarries) have not been reported in the AD/Mines 500m cluster certificate. Due to this insufficient information, the applicability of the cluster situation to this project could not be ascertained. Hence the proponent shall obtain a revised letter from AD/Mines, detailing the


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type of mineral mined out, lease status and mine operational period for all the quarries located within 500m radius from the periphery of the proposed project in prescribed format.

5. In this connection, the proponent has furnished reply for 192nd SEAC meeting minutes vide Lr. Dt:26.07.2021.

The proposal was again placed in the 236th SEAC meeting held on 05.10.2021.

- The SEAC noted that the proponent has requested to consider the issue of EC with the old cluster certificate for 500m radius from AD/Mines Dt: 07.5.2020 and the proponent has not furnished revised letter from AD/Mines as sought vide 192nd SEAC meeting minutes. Hence, the SEAC after the detailed deliberations has decided that AD, Geology & Mining, Madurai shall inspect and furnish revised letter obtained from AD, Geology & Mining, Madurai as sought vide 192nd SEAC meeting minutes.
- After the receipt of reply from the AD, Geology & Mining, Madurai District, the SEIAA shall verify same and forward the said application to SEAC for appraisal so as to place said proposal in one of the forthcoming ensuing meeting.

The proposal was again been placed for appraisal in this 291st meeting of SEAC held on 1.7.2022. Based on the presentation made by the proponent SEAC noted that in G.O(MS) No. 295 dated 03.11.2021 the Government in Industries Department has notified the following Rules specifying certain conditions for permitting mining activities near ecologically sensitive areas.

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

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


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Agenda No: 291-8

(File No: 7770/2020)

Proposed Rough Stone & Gravel quarry lease over an extent of 2.00.0 Ha at S.F.No 1 (Part -2) Mekalanayakanahalli Village Pappireddipatti Taluk Dharmapuri District by M/s. Golden Blue Metals -For Environmental Clearance (SIA/TN/MIN/166853/2020 Dt.08.08.2020)

The proposal was placed in this 291st SEAC meeting held on 1.7.2022. The details furnished by the Proponent are available in the Parivesh website. (parivesh.nic.in)

The SEAC noted the following:

1. The Proponent M/s. Golden Blue Metals has applied for Environment Clearance for the proposed Rough Stone & Gravel quarry lease over an extent of 2.00.0 Ha at S F No 1 (Part -2) Mekalanayakanahalli Village Pappireddipatti Taluk Dharmapuri District.
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, this proposal was placed in 182nd SEAC Meeting held on 17.10.2020. Based on the presentation made by the proponent and the documents furnished, after detail deliberation, the SEAC decided to recommend the proposal to SEIAA for grant of Environmental Clearance subject to the following one of the condition.

1. Since, Kavaramalai Reserve forest extension is located at 240m from the boundary of the proposed site, the proponent shall submit the copy of the NOC obtained from DFO before placing the subject to SEIAA-TN

On the receipt of the same, this proposal was again been placed for appraisal in this 291st meeting of SEAC held on 1.7.2022. Based on the presentation made by the proponent SEAC noted that in G.O(MS) No. 295 dated 03.11.2021 the Government in Industries Department has notified the following Rules specifying certain conditions for permitting mining activities near ecologically sensitive areas.

" ... No quarrying or mining or crushing activities shall be carried out within one kilometer radial distance or the protective distance as notified by the Ministry of Environment, Forest and Climate Change, Government of India from time to time, whichever is more, from the boundaries of


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

Agenda No: 291-9

File No: 7853 /2020)


proposed Rough Stone quarry lease over an extent of 2.02.5 Ha at SF.No 23 (Part) Gujanparai Village, Vembakottai Taluk Virudhunagar District, Tamil Nadu by Thiru.K.Chandrasekar - For Environmental clearance (SIA/TN/MIN/172833/2020 Dt.15.09.2020)

The proposal was placed in this 291st SEAC meeting held on 1.7.2022. The details furnished by the Proponent are available in the Parivesh website. (parivesh.nic.in)

The SEAC noted the following:

1. The Proponent Thiru.K.Chandrasekar has applied for Environment Clearance for the proposed Rough Stone quarry lease over an extent of 2.02.5 Ha at SF.No 23 (Part) Gujanparai 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. Earlier, this proposal was placed in 200th SEAC Meeting held on 11.2.2021. Based on the presentation made and documents furnished by the project proponent, SEAC noted that during the earlier lease period for which EC has been issued, the Proponent has mined more than the permitted quantity. Further it is not clear whether the Proponent has extracted white material and also year wise production is not maintained as per the mining plan. Hence SEAC decided to seek the Proponent to furnish letter obtained from AD/G&M/Virudhunagar District ratifying this action along with details of penalty paid for the over extraction of the mineral and EC compliance report from the competent Authority. On receipt of the same, SEAC will decide the further course of action.

Now, the proposal has again been placed in 291st SEAC meeting held on 1.7.2022. During the meeting neither Project proponent nor EIA coordinator was present. SEAC


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therefore, decided to defer the proposal and also call for the explanation of the PP for the absence.

Agenda No:291-10

(File No: 8173/2020)

Proposed Earth quarry lease over an extent of 2.25.0Ha at S.F.Nos. 64/6, 64/8 & 206/2 of Annathanapuram Village, Nannilam Taluk, Thiruvavur District, Tamil Nadu by Thiru.G.Subramaniyan - For Environmental Clearance. (SIA/TN/MIN/ 189501/2020 Dt. 06.10.2021)

The proposal was placed in 291st SEAC meeting held on 1.7.2022. 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.Subramaniyan has applied for Environmental Clearance for the proposed Earth quarry lease over an extent of 2.25.0Ha at S.F.Nos. 64/6, 64/8 & 206/2 of Annathanapuram Village, Nannilam Taluk, Thiruvavur District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 3 years. The mining plan is for the period of 3 years. The total production for 3 years not to exceed 28044 m³ of Earth with ultimate depth of 2 m BGL.
4. Earlier, this proposal was placed in 252nd SEAC meeting held on 10.03.2022 and called for the following details from the PP.
 - 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 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.

On the receipt of the reply furnished by the PP, this proposal again been placed in 291st SEAC meeting held on 1.7.2022. The PP has made the representation along with above


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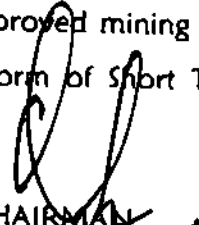
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said details. Based on the presentation made by the proponent and the documents, SEAC recommended to grant of Environmental Clearance for the production as per the mining plan, subject to the standard conditions & normal conditions stipulated by MOEF & CC, in addition to the following specific conditions:

1. The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier.
2. Tree plantation & fencing around the mine lease area shall be completed before starting the production.
3. The proponent shall mandatorily appoint the required number of statutory officials and the competent persons in relevant to the proposed quarry size as per the provisions of Mines Act 1952 and Metalliferous Mines Regulations, 1961.
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 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.


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7. The reject/waste generated during the mining operations shall be stacked at earmarked waste dump site(s) only. The physical parameters of the waste dumps like height, width and angle of slope shall be governed as per the approved Mining Plan as per the guidelines/circulars issued by DGMS w.r.t. safety in mining operations shall be strictly adhered to maintain the stability of waste dumps.
8. 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.
9. Perennial sprinkling arrangement shall be in place on the haulage road for fugitive dust suppression. Fugitive emission measurements should be carried out during the mining operation at regular intervals and submit the consolidated report to TNPCB once in six months.
10. The Proponent shall ensure that the Noise level is monitored during mining operation at the project site for all the machineries deployed and adequate noise level reduction measures undertaken accordingly. The report on the periodic monitoring shall be submitted to TNPCB once in 6 months.
11. Proper barriers to reduce noise level and dust pollution should be established by providing greenbelt along the boundary of the quarrying site and suitable working methodology to be adopted by considering the wind direction.
12. The purpose of Green belt around the project is to capture the fugitive emissions, carbon sequestration and to attenuate the noise generated, in addition to improving the aesthetics. A wide range of indigenous plant species should be planted as given in the appendix in consultation with the DFO, State Agriculture University. 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 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


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project site with at least 3 meters wide and in between blocks in an organized manner


14. **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.
15. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
16. 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 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.
17. The proponent shall provide sedimentation tank / settling tank with adequate capacity for runoff management.
18. 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.
19. 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.
20. 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.
21. 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


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mining activities and restore the land to a condition that is fit for the growth of fodder, flora, fauna etc.

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 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.
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. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wildlife as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance, as per the existing law from time to time.
27. All the conditions imposed by the Assistant/Deputy Director, Geology & Mining, concerned District in the mining plan approval letter and the Precise area communication letter issued by concerned District Collector should be strictly followed.
28. The Project proponent shall install a Display Board at the entrance of the mining lease area/abutting the public Road, about the project information as shown in the Appendix -II of this Minutes.


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29.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.

30.As accepted by the Project proponent the CER cost is Rs. 2 lakhs and the amount shall be spent for the committed activities in Saraswathi vidyalaya Govt Aided Middle School, Poonthottam as committed, before obtaining CTO from TNPCB.

Agenda No: 291-11

(File No: 8183/2020)

Proposed Gravel quarry lease area over an extent of 1.30.5Ha at S.F.Nos. 327/4, Kundukkal Village, Kadayampatti Taluk, Salem District, Tamil Nadu by Thiru.P.Dharmalingam - For Environmental Clearance. (SIA/TN/MIN/189903/2020, dated: 25.12.2020).

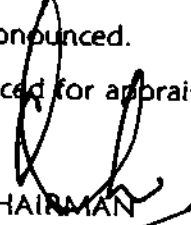
The proposal was placed for appraisal in this 291st meeting of SEAC held on 1.7.2022. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.P.Dharmalingam, has applied for Environmental Clearance for the proposed Gravel quarry lease area over an extent of 1.30.5Ha at S.F.Nos. 327/4, Kundukkal Village, Kadayampatti Taluk, Salem 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 30524 cu.m of Gravel with the ultimate depth of mining is 4m AGL & 2m BGL.
4. Earlier, this proposal was placed in 224th meeting of SEAC held on 03.08.2021. Based on the documents furnished and presentation made by the Proponent, the SEAC directed the proponent to furnish clarification from AD, Geology & Mining whether it is red earth or Gravel based on the report on the composition of minerals issued by the laboratory established under department of Geology and Mining or laboratory authorized by department of Geology and Mining as per the above Court verdict pronounced.

On the receipt of the same, this proposal was again been placed for appraisal in


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this 291st meeting of SEAC held on 1.7.2022. Based on the presentation made by the proponent SEAC noted that in G.O(MS) No. 295 dated 03.11.2021 the Government in Industries Department has notified the following Rules specifying certain conditions for permitting mining activities near ecologically sensitive areas.

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

The Committee noted that the Elathur Reserve Forest is located within 1km 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:291-12

(File No: 8636/2021)

Proposed Earth quarry lease over an extent of 1.20.0 Ha at S.F.Nos. 66/1B (Part) of Ambal Village, Nagapattinam Taluk, Nagapattinam District, Tamil Nadu by Thiru. S.Balasundram - For Environmental Clearance. (SIA/TN/MIN/ 219046/2021 Dt. 09.07.2021)

The proposal was placed in 291st SEAC meeting held on 1.7.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru. S.Balasundram has applied for Environmental Clearance for the proposed Earth quarry lease over an extent of 1.20.0 Ha at S.F.Nos. 66/1B (Part) of Ambal Village, Nagapattinam Taluk, Nagapattinam District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 2 years. The mining plan is for the period of 2 years. The total production for 2 years not to exceed 14336 m³ of Earth with ultimate depth of 2 m BGL.
4. Earlier, this proposal was placed in 252nd SEAC meeting held on 10.03.2022 and


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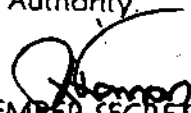
called for the following details from the PP.

- 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 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.

On the receipt of the reply furnished by the PP, this proposal was again placed in 291st SEAC meeting held on 1.7.2022. The PP made a presentation along with above said details. Based on the presentation made by the proponent, SEAC recommended to **grant of Environmental Clearance for the production as per the mining plan**, subject to the standard conditions & normal conditions stipulated by MOEF &CC, in addition to the following specific conditions:


1. The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier.
2. Tree plantation & fencing around the mine lease area shall be completed before starting the production.
3. The proponent shall mandatorily appoint the required number of statutory officials and the competent persons in relevant to the proposed quarry size as per the provisions of Mines Act 1952 and Metalliferous Mines Regulations, 1961.
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.

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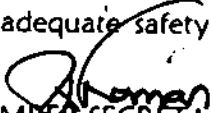

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6. The Project proponent shall adhere to the working parameters of mining plan which was submitted at the time of EC appraisal wherein year-wise plan was mentioned for total excavation i.e. quantum of mineral, waste, over burden, inter burden and top 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.
7. The reject/waste generated during the mining operations shall be stacked at earmarked waste dump site(s) only. The physical parameters of the waste dumps like height, width and angle of slope shall be governed as per the approved Mining Plan as per the guidelines/circulars issued by DGMS w.r.t. safety in mining operations shall be strictly adhered to maintain the stability of waste dumps.
8. 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.
9. Perennial sprinkling arrangement shall be in place on the haulage road for fugitive dust suppression. Fugitive emission measurements should be carried out during the mining operation at regular intervals and submit the consolidated report to TNPCB once in six months.
10. The Proponent shall ensure that the Noise level is monitored during mining operation at the project site for all the machineries deployed and adequate noise level reduction measures undertaken accordingly. The report on the periodic monitoring shall be submitted to TNPCB once in 6 months.
11. Proper barriers to reduce noise level and dust pollution should be established by providing greenbelt along the boundary of the quarrying site and suitable working methodology to be adopted by considering the wind direction.


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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. 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 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
14. **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.
15. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
16. 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 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.
17. The proponent shall provide sedimentation tank / settling tank with adequate capacity for runoff management.
18. 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


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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.

19. 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.
20. 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.
21. 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.
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 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.
24. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be informed to the District AD/DD(Geology and Mining) District Environmental Engineer (TNPCB) and the Director of Mines Safety (DMS), Chennai Region by the proponent without fail.
25. The Project proponent shall abide by the annual production scheduled specified in the approved mining plan and if any deviation is observed, it will render the Project proponent liable for legal action in accordance with Environment and Mining Laws.


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26. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wildlife as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance, as per the existing law from time to time.
27. All the conditions imposed by the Assistant/Deputy Director, Geology & Mining, concerned District in the mining plan approval letter and the Precise area communication letter issued by concerned District Collector should be strictly followed.
28. The Project proponent shall install a Display Board at the entrance of the mining lease area/abutting the public Road, about the project information as shown in the Appendix -II of this Minutes.
29. 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.
30. As accepted by the Project proponent the CER cost is Rs. 2 lakhs and the amount shall be spent for the committed activities in Vivekananda Govt Aided School, Ambal as committed, before obtaining CTO from TNPCB.

Agenda No: 291-13


(File No: 8781/2021)

Proposed common bio-medical waste treatment facility (CBMWTF) at S.F.No. 249/3 of Keelakottai village, Paramakudi Taluk, Ramanathapuram District, Tamil Nadu by M/s. Ramnad Doctors Association - For Terms of Reference. (SIA/TN/MIS/67235/2021 Dt.03.09.2021)

The proposal was placed in 250th SEAC meeting held on 03.03.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Project Proponent, M/s. Ramnad Doctors Association has applied for Terms for Reference for the proposed common bio-medical waste treatment facility (CBMWTF) at S.F.No.249/3 of Keelakottai village, Paramakudi Taluk, Ramanathapuram District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 7(d)(a) "Common Bio-Medical Waste Treatment Facility" of the Schedule to the EIA Notification, 2006.
3. Earlier, this proposal was placed in 250th SEAC meeting held on 03.03.2022 & the


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project proponent had not attended the meeting.

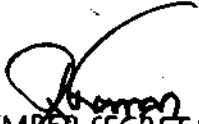
This proposal was again placed in 291st SEAC meeting held on 1.7.2022. Based on the presentation made by the proponent, SEAC recommended to grant of Terms of Reference (TOR) with Public Hearing, subject to the following TORs, in addition to the standard terms of reference for EIA study for non-coal mining projects and details issued by the MOEF & CC to be included in EIA/EMP Report:


1. Details of alternate site shall be provided in the EIA Report and the PP shall select the site in terms of the Bio Medical Waste Management Rules 2016.
2. Soil testing should be carried out at various depths in the proposed site as the PP stated that the same site was used before for deep burial of bio-medical waste.
3. Details of various state of art of technology available for this filed and justification for selection of a particular technology.
4. Details of permanent structures available within 2km from the project site shall be provided in the EIA.
5. Commitment letter from competent authority for the supply of fresh water.
6. Land requirement for the facility including its break up for various purposes, its availability and optimization.
5. Details of proposed layout clearly demarcating various activities such as security, Waste Storage Rooms, Waste Treatment Equipment Rooms/Areas, Treated Waste Storage Room, Pollution Control Devices like APCS and ETP, ash storage/disposal area, vehicle washing areas, and others such as admin area, worker's room, health centers, greenbelt, etc.
6. Details on collection and transportation of Bio Medical Waste from health care establishment. No. of vehicles and feature of vehicles, etc.
7. Details of waste storage facilities/rooms.
8. Details of the treatment equipment's capacity.
9. Details of the incineration system – a statement on the compliance to CPCB guidelines for common bio medical waste incinerators in respect of waste feed cut-offs, operating parameters of combustion chambers, flue gas cleaning, ash handling, etc.
10. Details on fuel requirement for incineration.


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11. Details on flue gas emissions discharge through stack and proposed pollution control technologies.
12. Details on residue/ash generation and management.
13. Details of waste heat utilization, if any.
14. Details on wastewater management.
15. Details of the proposed overall safety and health protection measures.
16. Details on source of water and power to the facility.
17. Details of the existing access road(s)/walkways to the designed operations in the site and its layout.
18. Location of the incineration facility and nearest habitats with distances from the facility to be demarcated on a toposheet (1: 50000 scale).
19. Landuse map based on satellite imagery including location specific sensitivities such as national parks / wildlife sanctuary, villages, industries, etc.
20. Topography details.
21. Surface water quality of nearby water bodies.
22. Details on proposed groundwater monitoring wells, locations, frequency of monitoring, parameters, etc.
23. Action plan for the greenbelt development in accordance to CPCB guidelines.
24. Details on pollution control technologies and online monitoring equipment.
25. Details on monitoring of pollutants at source –performance of the incinerator, including operating hours, fuel consumption, operating parameters (Combustion chamber – temperature, pressure, Stack temperature, total particulate matter, HCl, NOx as per Bio Medial Waste (Management & Handling) Rules 1998.
26. Stack and fugitive emissions may be monitored for SPM, HCL & NO2 as per Bio Medial Waste (Management & Handling) Rules 2016.
27. Specific programme to monitor safety and health protection of workers.
28. Details of administrative and technical organizational structure.
29. Details of the emergency preparedness plan and on-site & off-site disaster management plan. Submit details of a comprehensive Disaster Management Plan including emergency evacuation during natural and man-made disaster.


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30. The EIA/EMP shall conform to the 'Revised Guidelines for Common Bio-medical Waste Treatment and Disposal Facilities' issued by the Central Pollution Control Board.

32. PP shall strive to generate a minimum of 50% of energy consumption by way of solar energy.

33. As part of CER, PP shall examine the possibility of providing electric crematoriums Ramanathapuram and Paramakudi municipalities.

34. Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project will be given.

35. The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP will be clearly spelt out.

Agenda No: 291-14

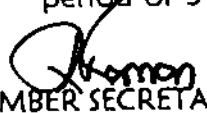
(File No: 7023/2022)

Proposed Rough stone & Gravel quarry lease over an extent of 2.95.5 Ha in S.F.No 73/1, 73/2, 73/3 & 73/4, Myleripalayam Village, Madukarai Taluk Coimbatore District, Tamil Nadu by Thiru.S.Shanmugam Sundaram, - For Environmental Clearance. (SIA/TN/MIN/67675/2019 Dt. 20.09.2021.)

The proposal was placed for appraisal in this 291st meeting of SEAC held on 1.7.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.S.Shanmugam Sundaram has applied for Environmental Clearance for the proposed Rough stone & Gravel quarry lease over an extent of 2.95.5 Ha in S.F.No 73/1, 73/2, 73/3 & 73/4, Myleripalayam Village, Madukarai Taluk Coimbatore District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
3. ToR issued vide Lr No. TN/F.No.7023/SEAC/TOR-672/2020 Dt. 21.11.2019.
4. Public hearing conducted on 31.8.2021.
5. As per the mining plan, the lease period is for 5 years. The mining plan is for the period of 5 years. The total production for 5 years not to exceed 280640 m³


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Rough stone and 3206 m³ of Gravel. The annual peak production 48780 m³ Rough stone (5th year) and 3206 m³ of Gravel (1st year) with ultimate depth of 38 m BGL

This proposal was placed in 291st SEAC meeting held on 1.7.2022. Based on the presentation made by the proponent, SEAC decided to call for the following details.

1. Certified compliance report obtained from RO- MOEF&CC/TNPCB on the existing EC issued.
2. The PP shall furnish the revised EMP for the entire life of mine.
3. The PP shall furnish the revised CER as committed.

On the receipt of the same, SEAC will further examine the proposal.

Agenda No: 291-15


(File No: 7029/2022)

Proposed Rough stone & Gravel quarry lease over an extent of 1.55.0 Ha in S.F.No 435/2B2, 435/2C, 435/2D, 435/2B1 & 435/2E Chikkarampalayam Village, Mettupalayam Taluk, Coimbatore District, Tamil Nadu by Thiru.S.Palanisamy - For Environmental Clearance. (SIA/TN/MIN/52151/2022 Dt. 22.10.2021)

The proposal was placed for appraisal in this 291st meeting of SEAC held on 1.7.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.S.Palanisamy has applied for Environmental Clearance for the proposed Rough stone & Gravel quarry lease over an extent of 1.55.0 Ha in S.F.No 435/2B2, 435/2C, 435/2D, 435/2B1 & 435/2E Chikkarampalayam Village, Mettupalayam Taluk, Coimbatore District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
3. ToR issued vide Lr No. TN/F.No.7029/SEAC/TOR-782/2020 Dt. 06.10.2020.
4. Public hearing conducted on 30.8.2021.
5. As per the mining plan, the lease period is for 5 years. The mining plan is for the period of 5 years. The total production for 5 years not to exceed


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81738 m³ Rough stone and 11496 m³ of Gravel. The annual peak production 19250 m³ Rough stone (3rd year) and 5376 m³ of Gravel (3rd year) with ultimate depth of 27 m BGL

The proposal has placed in 291st SEAC meeting held on 1.7.2022. 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 condition in 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.
2. Tree plantation & fencing around the mine lease area shall be completed before starting the production.
3. The mine manager and other statutory competent persons such as blaster (or) mine mate shall be appointed before the commencement of mining operation.
4. The PP shall ensure that only controlled blasting operation involving line drilling and muffle blasting is carried out in the quarry such that no fly rock travel beyond 30 m from the blast site.
5. The PP shall carry out maximum of two rounds of controlled blast only per day, restricted to the maximum of 50 Nos of holes per round with maintaining maximum charge per delay of not exceeding 0.375 kg/round using jack hammer drilled holes (32-34 mm dia & 1.5 m length) to ensure the environmentally acceptable blasting operation. The PP shall also ensure an interval of atleast 30 minutes is maintained between these rounds of blast.
6. 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.
7. As accepted by the Project proponent the CER cost is Rs. 10 lakhs and the amount shall be spent for the Panchayat Union Primary School, Chikkarampalayam, as committed, before obtaining CTO from TNPCB.


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Agenda No: 291-16

(File No: 7061/2022)

Proposed Rough stone & Gravel quarry lease over an extent of 2.37.0 Ha in S.F.No 74/2 , Chikkarampalayam Village, Mettupalayam Taluk, Coimbatore District, Tamil Nadu by Thiru.S.Gnanasekaran - For Environmental Clearance. (SIA/TN/MIN/36228/2019 Dt.12.04.2022)


The proposal was placed for appraisal in this 291st meeting of SEAC held on 1.7.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.S.Gnanasekaran has applied for Environmental Clearance for the proposed Rough stone & Gravel quarry lease over an extent of 2.37.0 Ha in S.F.No 74/2 , Chikkarampalayam Village, Mettupalayam Taluk, Coimbatore District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
3. ToR issued vide Lr No. TN/F.No.7061/SEAC/TOR-759/2020 Dt. 24.9.2020.
4. Public hearing conducted on 30.8.2021.
6. As per the mining plan, the lease period is for 5 years. The mining plan is for the period of 5 years. The total production for 5 years not to exceed 276500 m³ Rough stone and 38236 m³ of Gravel. The Annual peak production 60.400 m³ Rough stone (4thyear) and 14.152 m³ of Gravel (2ndyear) with ultimate depth of 22 m BGL.

The proposal has placed in 291st SEAC meeting held on 1.7.2022. 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 condition in 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.


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2. Tree plantation & fencing around the mine lease area shall be completed before starting the production.
3. The mine manager and other statutory competent persons such as blaster (or) mine mate shall be appointed before the commencement of mining operation.
4. The PP shall ensure that only controlled blasting operation involving line drilling and muffle blasting is carried out in the quarry such that no fly rock travel beyond 30 m from the blast site.
5. The PP shall carry out maximum of two rounds of controlled blast only per day, restricted to the maximum of 50 Nos of holes per round with maintaining maximum charge per delay of not exceeding 0.375 kg/round using jack hammer drilled holes (32-34 mm dia & 1.5 m length) to ensure the environmentally acceptable blasting operation. The PP shall also ensure an interval of atleast 30 minutes is maintained between these rounds of blast.
6. 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.
7. As accepted by the Project proponent the CER cost is Rs. 10 lakhs and the amount shall be spent for the Panchyat Union Primary School, Kannarpalayam as committed, before obtaining CTO from TNPCB.

Agenda No: 291-17

(File No: 7196/2019)

Proposed Gravel quarry lease over an extent of 4.44.5 Ha in S.F.No 500/1, 500/2 and 316/7, Peruvalapur Village, Lalgudi Taluk, Tiruchirappalli District, Tamil Nadu by Thiru.M.Ramachandran - For Environmental Clearance. (SIA/TN/MIN/44745/2019 Dt.15.10.2019)

The proposal was placed for appraisal in this 291st meeting of SEAC held on 1.7.2022. 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.Ramachandran has applied for Environmental Clearance for the proposed Gravel quarry lease over an extent of 4.44.5 Ha in


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S.F.No 500/1, 500/2 and 316/7, Peruvalapur Village, Lalgudi Taluk, Tiruchirappalli District, Tamil Nadu.

2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 3 years. The mining plan is for the period of 3 years. The total production for 3 years not to exceed 56310 m³ of Gravel with ultimate depth of 3 m BGL.

The proposal has placed in 291st SEAC meeting held on 1.7.2022. Based on the presentation and documents furnished by the project proponent, SEAC noted that there is water body located adjacent to the project site and decided to call for the following details from the PP.

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
2. Since the water body is located adjacent to the project site, the proponent should produce a letter from the Department of Geology and Mining stating that (i) the nearness of water body was taken into account as per the relevant Rules and (ii) 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.

On the receipt of the same further deliberation will be done.

Agenda No: 291-18


(File No: 7366/2022)

Proposed Rough stone & Gravel quarry lease over an extent of 1.83.90 Ha in S.F.No 305/1(P), 307/1(P) & 307/2(P), Poomalur Village, Palladam Taluk, Tiruppur District., Tamil Nadu by Tmt.G.Vijayalakshmi . For Environmental Clearance. (SIA/TN/MIN/67753/2019 Dt.05.04.2022)

The proposal was placed for appraisal in this 291st meeting of SEAC held on 1.7.2022. 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.G.Vijayalakshmi has applied for Environmental Clearance for the proposed Rough stone & Gravel quarry lease over an


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extent of 1.83.90 Ha in S.F.No 305/1(P), 307/1(P) & 307/2(P), Poomalur Village, Palladam Taluk, Tiruppur District., Tamil Nadu.

2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
3. ToR issued vide Lr No. TN/F.No.7366/SEAC/TOR-740/2020 Dt. 14.8.2020.
4. Public hearing conducted on 16.8.2021.
5. As per the mining plan, the lease period is for 5 years. The mining plan is for the period of 5 years. The total production for 5 years not to exceed 96655 m³ Rough stone. The annual peak production 21875 m³ Rough stone (1st year) with ultimate depth of 48 m BGL.

The proposal has placed in 291st SEAC meeting held on 1.7.2022. Based on the presentation made by the proponent and considering safety point of view, SEAC recommended to remove the last bench in the section – C-D. Accordingly, SEAC decided to recommend the proposal for the grant of Environmental Clearance for the production 93280 m³ of Rough stone in 5 years with ultimate depth – 48m, 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.
2. Tree plantation & fencing around the mine lease area shall be completed before starting the production.
3. The PP shall furnish slope stability action plan for the planned working/ultimate benches as the depth of the proposed quarry is exceeding 40 m, before obtaining CTO from TNPCB.
4. The mine manager and other statutory competent persons such as blaster (or) mine mate shall be appointed before the commencement of mining operation.
5. The PP shall ensure that only controlled blasting operation involving line drilling and muffle blasting is carried out in the quarry such that no fly rock travel beyond 30 m from the blast site.


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6. The PP shall carry out maximum of two rounds of controlled blast only per day, restricted to the maximum of 50 Nos of holes per round with maintaining maximum charge per delay of not exceeding 0.375 kg/round using jack hammer drilled holes (32-34 mm dia & 1.5 m length) to ensure the environmentally acceptable blasting operation. The PP shall also ensure an interval of atleast 30 minutes is maintained between these rounds of blast.
7. The PP shall carry out the scientific studies to assess the slope stability of the benches and quarry wall when the depth of the quarry touches 40 m, by involving a reputed Research and Academic Institution such as NIRM, IITs, NITs, Anna University Chennai-CEG Campus, and any CSIR Laboratories etc. 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.
8. 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.
9. As accepted by the Project proponent the CER cost is Rs. 5 lakhs and the amount shall be spent for the Govt Hr. Sec School, Poomalur, as committed, before obtaining CTO from TNPCB.

Agenda No: 291-19

(File No: 7696/2022)

Proposed Rough stone & Gravel quarry lease over an extent of 1.40.98 Ha in S.F.No 114/1, 114/2, 114/3, 114/4, 114/5, 114/6, 114/7, 114/8, 114/9B and 115, Padur Village, Uthiramerur Taluk, Kanchipuram District, Tamil Nadu by Thiru.L.Muthuraj - For Environmental Clearance. (SIA/TN/MIN/63076/2021 Dt. 29.03.2022)

The proposal was placed for appraisal in this 291st meeting of SEAC held on 1.7.2022. 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.L.Muthuraj has applied for Environmental Clearance for the proposed Rough stone & Gravel quarry lease over an extent of 1.40.98 Ha in S.F.No 114/1, 114/2, 114/3, 114/4, 114/5, 114/6, 114/7, 114/8, 114/9B and 115, Padur Village, Uthiramerur Taluk, Kanchipuram District.


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2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
3. ToR issued vide Lr No. TN/F.No.7696/SEAC/TOR-978/2020 Dt. 5.7.2021.
4. Public hearing conducted on 27.1.2022.
5. As per the mining plan, the lease period is for 5 years. The mining plan is for the period of 5 years. The total production for 5 years not to exceed 93800 m³ Rough stone and 6786 m³ of Gravel. The Annual peak production 19380 m³ Rough stone (1st year) and 4002 m³ of Gravel (1st year) with ultimate depth of 26 m BGL

Based on the presentation made by the proponent SEAC noted that the proposed site is located 7.5 km from Karikili Bird sanctuary, hence the PP shall furnish the Clearance from SCNBWL vide MoEF OM FC-11/119/2020-FC dated 17th May, 2022.

On the receipt of the same further deliberation will be done.

Agenda No: 291-20

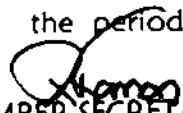
(File No: 7908/2022)

Proposed Rough stone quarry lease over an extent of 1.00.0 Ha in S.F.No 135 (Part-2), Iynkunam Village, Kilpennathur Taluk, Tiruvannamalai District, Tamil Nadu by Tvl. City Blue Metal - For Environmental Clearance. (SIA/TN/MIN/57120/2020 Dt. 29.03.2022)

The proposal was placed for appraisal in this 291st meeting of SEAC held on 1.7.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Tvl. City Blue Metal has applied for Environmental Clearance for the proposed Rough stone quarry lease over an extent of 1.00.0 Ha in S.F.No 135 (Part-2), Iynkunam Village, Kilpennathur Taluk, Tiruvannamalai District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 5 years. The mining plan is for the period of 5 years. The total production for 5 years not to exceed


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321400m³ Rough stone & Gravel- 7623m³. The Annual peak production 70415m³ Rough stone (1st Year) & Gravel- 7623m³ (1st year) with ultimate depth of 76m (46 AGL+30BGL).

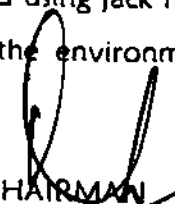
4. ToR issued vide Lr No. TN/F.No.7908/SEAC/TOR-871/2020 Dt. 12.3.2021 with restricting the depth of mining from 76m to 71m ultimate depth and quantity of 317200cu.m of Rough stone 7623cu.m of topsoil for five years with a bench height of 5m as per the approved mining plan considering the hydro-geological regime of the surrounding area.

5. Public hearing was conducted on 11.12.2021.

The proposal was placed in 291st SEAC meeting held on 1.7.2022. Based on the presentation made by the proponent SEAC decided to recommend the proposal for the grant of Environmental Clearance for the production of 317200cu.m of Rough stone 7623cu.m of topsoil ultimate depth 71m, 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.
2. Tree plantation & fencing around the mine lease area shall be completed before starting the production.
3. The mine manager and other statutory competent persons such as blaster (or) mine mate shall be appointed before the commencement of mining operation.
4. The PP shall ensure that only controlled blasting operation involving line drilling and muffle blasting is carried out in the quarry such that no fly rock travel beyond 30 m from the blast site.
5. The PP shall carry out maximum of two rounds of controlled blast only per day, restricted to the maximum of 50 Nos of holes per round with maintaining maximum charge per delay of not exceeding 0.375 kg/round using jack hammer drilled holes (32-34 mm dia & 1.5 m length) to ensure the environmentally


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acceptable blasting operation. The PP shall also ensure an interval of atleast 30 minutes is maintained between these rounds of blast.

6. 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.
7. As accepted by the Project proponent the CER cost is Rs. 5 lakhs and the amount shall be spent for the Govt Hr. Sec School, Iyankunam, as committed, before obtaining CTO from TNPCB.

Agenda No: 291-21

(File No: 9072/2022)

Proposed Construction of Buildings for Establishment of Multi Super Specialty Hospital at SF.No. 35, Adyar Village, Guindy Mambalam Taluk Guindy Chennai District by Project Co-ordinator, MSSH Guindy, King Institute - for Environmental Clearance- (SIA/TN/MIS/258013/2022 Dt. 22.2.2022)

The proposal was placed for appraisal in this 291st meeting of SEAC held on 2.7.2022. The project proponent gave a detailed presentation. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

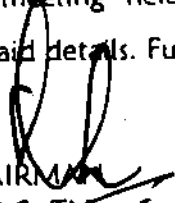
The SEAC noted the following:

1. The project proponent, M/s Project Co-ordinator, MSSH Guindy, King Institute, has applied for Environmental Clearance for the proposed construction Buildings for Establishment of Multi Super Specialty Hospital at SF.No. 35, Adyar Village, Guindy Mambalam Taluk Guindy Chennai District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 8(a) "Building and Construction Projects" of the Schedule to the EIA Notification, 2006.
3. The project consists 1 Block - Semi Basement, GF +6 floors with total plot area is about 201034.20 Sq.m with Proposed built-up area of 51,188.63 sq.m.
4. Earlier, this subject was placed before 257th SEAC meeting held on 25.3.2022. Based on the presentation made and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance subject to the certain conditions as stated therein.

This proposal has again been placed before 286th SEAC meeting held on 17.6.2022. The PP has made the representation along with the above said details. Further


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the Committee had asked the PP regarding compliance of Hon'ble Supreme Court direction on 2.6.2022 in OM I.A.No 65571 of 2021 in the matter of writ (Petition civil) No. 202 of 1995.


This proposal was again placed in 291st SEAC meeting held on 2.7.2022 & the PP furnished the following details;

No as per OM	Court Direction - We accordingly direct	Compliance
44 -a	Each protected forest that is national park or wildlife sanctuary must have an ESZ of minimum one kilometre measured from the demarcated boundary of such protected forest in which the activities proscribed and prescribed in the Guidelines of 9th February 2011 shall be strictly adhered to. For Jamua Ramgarh wildlife sanctuary, it shall be 500 metres so far as subsisting activities are concerned.	We wish to submit there is no reference to construction of hospitals under the MoEF&CC guidelines F.No 1-9/2007 WL - 1(pt) - Guidelines for Declaration of Eco Sensitive Zones around National parks and Wildlife Sanctuaries, Dated: 9th February 2011 as per Annexure 1. Therefore we may not be in the scope of the direction and not in the ambit of prohibited activities


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No as per OM	Court Direction - We accordingly direct	Compliance
b	In the event, however, the ESZ is already prescribed as per law that goes beyond one kilometre buffer zone, the wider margin as ESZ shall prevail. If such wider buffer zone beyond one kilometre is proposed under any statutory instrument for a particular national park or wildlife sanctuary awaiting final decision in that regard, then till such final decision is taken, the ESZ covering the area beyond one kilometre as proposed shall be maintained.	Not applicable.
c	The Principal Chief Conservator of Forests as also the Home Secretary of each State and Union Territory shall remain responsible for proper compliance of the said Guidelines as regards nature of use within the ESZ of all national parks and sanctuaries within a particular State or Union Territory. The Principal Chief Conservator of Forests for each State and Union Territory shall also arrange to make a list of subsisting structures and other relevant details within the respective ESZs forthwith and a report shall be furnished before this Court by the Principal Chief Conservator of Forests of each State and Union Territory within a period of three months. For this purpose, such authority shall be entitled to take assistance of any governmental agency for satellite imaging or photography using drones.	Not applicable
d	Mining within the national parks and wildlife sanctuaries shall not be permitted.	Ours is Multi super specialty hospital which is not in the ambit of prohibited activities.


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e	In the event any activity is already being undertaken within the one kilometre or extended buffer zone (ESZ).as the case may be, of any wildlife sanctuary or national park which does not come within the ambit of prohibited activities as per the 9th February 2011 Guidelines, such activities may continue with permission of the Principal Chief Conservator of Forests of each State or Union Territory and the person responsible for such activities in such a situation shall obtain necessary permission within a period of six months. Such permission shall be given once the Principal Chief Conservator of Forests is satisfied that the activities concerned do not come within the prohibited list and were continuing prior to passing of this order in a legitimate manner. No new permanent structure shall be permitted to come up for whatsoever purpose within the ESZ.	As it is the construction of hospital project and does not come under the ambit of MoEF&CC guidelines F.No 1- 9/2007 WL - 1(pt) - Guidelines for Declaration of Eco Sensitive Zones around National parks and Wildlife Sanctuaries, dated: 9th February 2011 and we are not in the prohibited list. However we will take the approval of the Principal Chief Conservator of Forests of the state within six months to comply the direction.
f	The minimum width of the ESZ may be diluted in overwhelming public interest but for that purpose the State or Union Territory concerned shall approach the CEC and MoEF&CC and both these bodies shall give their respective opinions/recommendations before this Court. On that basis, this Court shall pass appropriate order.	Not applicable
g	In the event the CEC, MoEF&CC, the Standing Committee of National Board of Wildlife or any other body of persons or individual having special interest in environmental issues consider it necessary for maintaining a wider or larger ESZ in respect of any national park or wildlife sanctuary, such body or individual shall approach the CEC. In such a situation the CEC shall be at liberty to examine the need of a wider ESZ in respect of any national park or wildlife sanctuary in consultation with all the stakeholders including the State or Union Territory concerned, MoEF&CC as also the Standing Committee of National Board of	Not applicable

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	Wildlife and then approach this Court with its recommendations.	
h	In respect of sanctuaries or national parks for which the proposal of a State or Union Territory has not been given, the 10 kilometres buffer zone as ESZ, as indicated in the order passed by this Court on 4th December 2006 in the case of Goa Foundation (supra) and also contained in the Guidelines of 9th February 2011 shall be implemented. Within that area, the entire set of restrictions concerning an ESZ shall operate till a final decision in that regard is arrived at.	Not applicable
i	I.A. No. 1412 of 2005 and I.A.No.117831 of 2019 do not relate to the issues involved in I.A. No.1000 of 2003. These applications may be placed before the appropriate Bench to be heard independently.	Not applicable
j	For the same reason, I.A. No.1992 of 2007 shall also be dealt with independently by the appropriate Bench and no order is being passed concerning this application at this stage.	Not applicable
k	The application of the State of Rajasthan registered as I.A. No.3880 of 2015 relates to clarification of an order passed in the case of Goa Foundation (W.P.(C) No.460 of 2004). Let this application be placed before the Bench taking up the case of Goa Foundation	Not applicable
l	I.A.No.96949 of 2019 and I.A.No.65571 of 2021 are disposed of with directions that the MoEF&CC as also CEC shall proceed to take a decision in regard to the draft proposal for ESZ made by the State of Maharashtra to the extent of 03.89 kilometres and the MoEF&CC shall take final decision on that basis within a period of three months, if said decision has not already been taken.	Not applicable


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m	Prayers for impleadment of the applicants in I.A. Nos.984 of 2003, 1026 of 2004, 1123 of 2004, 1197 of 2004 and 1251 of 2004 are allowed. Necessary amendments may be carried out in these regards.	Not applicable
n	For the reasons already given, however, prayers of the applicants in I.A. Nos.982 of 2003, 1027 of 2004, 1124 of 2004, 1198 of 2004, 1210 of 2004, 1250 of 2004 and 1512 of 2006 are rejected.	Not applicable
o	The CEC shall quantify the compensation to be recovered from each miner indulging in mining activities within the Jamua Ramgarh sanctuary in violation of any statutory provision or order of this Court. Specific recommendations for compensatory afforestation, reclamation, clearing overburden dumping as also compensation in monetary units for degradation of forest resources shall also be made. A further set of recommendations concerning confiscation of earth moving equipments and other machineries lying within or in the periphery of the said sanctuary shall be made by the CEC. Recommendations shall be made within a period of four months before this Court in the form of an application. This Court shall consider passing appropriate order upon going through such application. The exercise concerning such reparation, including quantifying compensation shall be undertaken upon giving the mining operator, State and MoEF&CC opportunity of hearing.	Not applicable
p	In the event there is any subsisting order of any High Court or any Court subordinate to such High Court covering any of the issues dealt with by this Court in this order, this order shall prevail over any such order which may be contrary to these directions.	Not applicable


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q	We have already observed that there are certain overlapping issues involved in this writ petition and the cases of Goa Foundation (Writ Petition (C) No.460 of 2004) and (Writ Petition (C) No.435 of 2012). We request the Hon'ble the Chief Justice of India to consider having the present writ petition i.e. In Re: T.N. Godavarman Thirumulpad v. Union of India & Ors., W.P.(C) No.460 of 2004 (Goa Foundation v. Union of India) as also W.P. (C) No.435 of 2012 (Goa Foundation v. Union of India & Ors.) be heard together before the same Bench. The registry may place this order before the Hon'ble the Chief Justice of India.	Not applicable
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Further, the PP stated that In light of the above referred Supreme Court order I.A.No 65571 of 2021 in the matter of writ (Petition civil) No. 202 of 1995, the construction of Multi Super Speciality Hospital did not come under the ambit of MoEF&CC guidelines F.No 1-9/2007 WL -I(pt) - Guidelines for Declaration of Eco Sensitive Zones around National parks and Wildlife Sanctuaries, dated: 9th February 2011 and the project was not in the prohibited list.

Based on the presentation and details furnished by the PP, SEAC decided to confirm the recommendation already made in 257th SEAC meeting held on 1.4.2022 with the following additional conditions:

1. Since the Guindy National Park located within 1Km from the project site, as per the above Hon'ble Supreme Court Order, the PP shall obtain permission from PCCF within 6 months.

Agenda No: 291-22

(File No: 4786/2021)

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


The proposal was placed for appraisal in this 291st meeting of SEAC held on 2.7.2022. The details of the project furnished by the proponent are given in the web site (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru A.Pitchamuthu has applied for Environmental


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Clearance for the Rough Stone quarry lease area over an extent of 1.25.0 Ha at S.F No 629(west), Aniyappur Village, Marapparai Taluk, Trichirappalli District, Tamil Nadu. It is a Govt poromboke land.

2. The project/activity is covered under category "B2" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 10 years from 4.6.2012 to 3.6.2022. The production for 5 years not to exceed 44140 m³ of Rough stone and 4180m³ of Top soil with ultimate depth of 16m(11m AGL+5m BGL).
4. The PP has applied for EC in the office of SEIAA on 19.11.2015 and the application was accepted & registered on 04.01.2016 via TN-SEIAA/F-4786/2016, 04.01.2016.
5. After obtaining the required documents during the scrutinization of the application, the proposal was recommended on receipt of additional details in the 76th meeting of the SEAC held on 02.07.2016 for the Mining Proposals (Minor Minerals).
6. However, the SEIAA-TN has informed the PP that "the proposal seeking prior EC is an existing quarry under operation without obtaining EC and having lease valid upto 03.06.2022" and the application comes under 'violation' category under Hon'ble Supreme Court order on I.A.No.12-13 of 2011 in SLP (C) No. 19628-19629 of 2009 titled "Deepak Kumar etc Vs State of Haryana & Ors". Hence the application for seeking EC could not be processed at SEIAA-TN as per MoEF&CC Notification dated, 14.03.2017. Further the PP was requested to submit the proposal to MoEF&CC for EC and it was also informed that the application filed earlier in the SEAC-TN office is closed & recorded.
7. Accordingly, the PP had registered with MoEF &CC under 'Violation' category on 17.06.2017 vide Proposal No. IA/TN/MIN/65530/2017, 17.06.2017.
8. However, the MoEF&CC OM No.Z-11013/22/2017-IA.II (M), dated, 15.03.2018 had stipulated the guidelines/conditions for transferring the 'B2'


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proposals considered under 'Violation' category earlier at EAC shall be transferred online to the concerned SEAC/SEIAA.

9. Subsequently, the subject was placed & recommended in the 111th SEAC Meeting held on 17.05.2018 & 308th SEIAA Meeting held on 30.05.2018.
10. Terms of Reference (ToR) under violation was issued vide Lr NO.SEIAA-TN/F.No.4786/TOR- 443 /2018. Dated: 30.05.2018 valid upto 29.05.2020 for the existing Rough Stone over an extent of 1.25.0 Ha at S.F. No. 629 (West) (P), Aniyappur Village, Manapparai Taluk, Tiruchirapalli District by Thiru. A. Pitchaimuthu for the preparation of EIA report, EMP report, ecological damage assessment, remediation plan, natural resource augmentation and community resource augmentation.
11. Further, the SEIAA issued TOR amendment for TOR (Under Violation Category) with Public hearing as per Hon'ble High Court Order Dt:13.10.2017 in W.P No.11189/2017 vide Lr No.SEIAA-TN/F.No.4786/SEAC-CXVIII/TOR-443(A)/2018 Dated: 30.07.2018.
12. In the meanwhile, the office of the AD (Mines) has informed vide letter No.600/2019/Mineral, dated. 02.09.2019 that the PP had mined out 720 cu.m of Rough stone during the period from 15.01.2016 to 10.01.2017 without the prior Environmental Clearance as per MoEF & CC OM No: S.O.141 (E), dated. 15.01.2016, and hence it asked the PP to pay the amount applicable for aforesaid mined out quantity, i.e. Rs. 2,21,400/= under the head of account of "0853-00 Non-Ferrous Mining and Metallurgical Industries - 102 Mineral Concession fees - Rents and Royalties - DPC:0853-00-102-AB-3261".
13. Eventually, the applicant (Thiru. A. Pitchamuthu) has passes away during the corona lock down period on 12.04.2020. After the demise of the applicant (Thiru. A. Pitchamuthu), Thiru. P. Xavier (leagal heirs of late Thiru A.Pitchamuthu) has requested the District Collector, Tirchy vide letter dated. 25.05.2020, to transfer the lease deed of the quarry in his name.
14. However, the office of the District Collector has declined the request of Mr Xavier on transfer of lease hold rights of the quarry without obtaining the prior Environmental Clearance and hence it had instructed the PP to obtain the EC


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from SEIAA-TN:

15. Based on the above instruction, the PP – Mr. Xavier (legal heirs of late Thiru A.Pitchamuthu) has applied during August 2020, for obtaining the EC with new Mining Plan approved by the AD (Mines) vide his letter No: R.C.No. B275/2015, dated. 07.08.2020. In this regard, Mr. Xavier has requested the SEIAA-TN to consider his case as 'Non- Violation' category based on the Judgement of NGT Southern Zone, Chennai, OA No. 136/2017, dated. 30.06.2020.
16. Hon'ble NGT(SZ) order Dt:30.06.2020 in O.A. No. 136/2017 as follows
" 61. So under these circumstances, the application can be disposed of giving the following directions: (i) The applications which are pending as on 31.3.2016 for Environment Clearance have to be treated as normal applications and not violation applications and the authorities are directed to dispose of those applications in accordance with law.
(ii) The persons who have not filed applications on or before 31.3.2016 and filed thereafter, can be treated as violation applications and the MoEF & CC SEIAA is directed to dispose of those applications as violation cases in accordance with law.
(iii) It is also made clear that all mining leases, either major or minor, even less than 5 hectares area, has to apply and get Environment Clearance as per the amended EIA Notification dated 15.1.2016. This will apply to the existing mining leases as well. The points are answered accordingly

62. Point No. 4.-

The application is disposed of as follows:

- The applicant is not entitled to get a declaration to quash Circular dated 3.4.2017 as prayed for but can be clarified as detailed as per direction No. (ii) onwards.
- The applications which are pending as on 31.3.2016 for Environment Clearance have to be treated as normal applications and not violation applications and the authorities are directed to dispose of those applications in accordance with law.
- The persons who have not filed applications on or before 31.3.2016 and filed thereafter can be treated as violation applications and the MoEF & CC, SEIAA is

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directed to dispose of those applications as violation cases in accordance with law.

- *It is also made clear that all mining leases, either major or minor, even less than 5 hectares area, has to apply and get Environment Clearance as per the amended EIA Notification dated 15.1.2016. This will apply to the existing mining leases as well. Without obtaining necessary Environment Clearance irrespective of area, no mining, both minor/major, shall be permitted to operate. Considering the circumstances, there is no order as to costs."*
17. Concurrently, Mr. Xavier (legal heirs of late Thiru A.Pitchamuthu) have paid the amount applicable for aforesaid mined out quantity along with fine, i.e., Rs. 2,93,170/= under the head of account of "0853-00 Non-Ferrous Mining and Metallurgical Industries – 102 Mineral Concession fees – Rents and Royalties – DPC:0853-00-102-AB-3261, on 01.02.2021.
18. The PP (legal heirs of late Thiru A.Pitchamuthu) has also provided the AD (Mines) letter R.C.No.223/2021, dated. 26.08.2021, quoting that "only 2700 cu.m of rough stone was mined out against the approved quantity of 61,160 cu.m during the period of 08.06.2012 to 15.11.2016 and thereafter no permit has been obtained" in respond to the query raised by the SEIAA-TN on the details of last permit obtained for the subject quarry in question.
19. In the meanwhile, Thiru. P. Xavier has requested the District Collector, Trichy to extend the validity of the lease being operated earlier by the late Thiru. A. Pichaimuthu and transfer it in his name as he is being declared as the legal heirs of late Thiru A.Pitchamuthu.
20. However, as there was no response to his letters in the offices of District Collector & SEIAA-TN, Thiru. P. Xavier has approached the Hon'ble Madurai Bench of Madras High Court and the court has directed the PP (Thiru. P. Xavier) to commence the quarrying operations after completing the necessary enquires in the office of District Collector/Trichy and also ordered the SEIAA-TN to consider the proposal for issue of EC vide W.P (MD) No. 7879 of 2022 & W.P (MD) No.5919 of 2022 order Dt: 26.04.2022
21. Henceforth, the PP has submitted Ir. Dt: 18.05.2022 requesting to consider their said proposal seeking EC based on the 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 stating the following

"10. No prejudice would be caused to the respondent, if the petitioner's representation dated 01.04.2022 seeking for extension of quarry lease from 04.06.2022 to 08.11.2027, due to the non-operative period on account of mandatory necessity for Environmental Clearance, is considered on merits and in accordance with law, after affording a fair hearing to the petitioner, in the light of the decision of this Court, dated 09.11.2020 in WP. (MD)Nos. 9133 and 9137 of 2020 in the case of T. Vijay vs. The District Collector, Thoothukudi District, as well as the decisions of the Hon'ble Supreme Court in the cases of Electrosteel Steels Limited vs. Union of India and others reported in 2021 SCC OnLine SC 1247 and Pahwa Plastics Pvt. Ltd. And Another vs. Dastak NGO and others reported in 2022 SCC OnLine SC 362, after the petitioner obtains Environmental Clearance from the SEIAA, within a time frame to be fixed by this Court.

11. For the foregoing reasons, this Court directs the respondent to consider the representation of the petitioner dated 01.04.2022 and pass final orders, once the petitioner obtains Environment Clearance from the SEIAA, after affording a fair hearing to the petitioner including granting him the right of personal hearing, in the light of the following decision of this Court dated 09.11.2020 passed in WP. (MD)Nos. 9133 and 9137 of 2020 in the case of TVijay vs. The District Collector, Thoothukudi District, and in the light of the decisions of the Hon'ble Supreme Court in the cases of Electrosteel Steels Limited vs. Union of India and others reported in 2021 SCC OnLine SC 1247 and Pahwa Plastics Pvt. Ltd. And Another vs. Dastak NGO and others reported in 2022 SCC OnLine SC 362, within a period of ten (10) weeks from the date of receipt of a copy of this order.

12. With the above direction, this Writ Petition stands disposed of. There shall be no order as to costs. Miscellaneous petition is closed."


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Considering the above facts, this proposal has placed in 291st SEAC meeting held on 1.7.2022. From the presentation made by the proponent, the SEAC noted the following:

- (i) As per Rule 8 of the Tamil Nadu Minor. Mineral Concession Rules, 1959, *The period of lease for quarrying stone in respect of the virgin areas, which have not been subjected to quarrying so far, shall be ten years.*
- (i) *The date of commencement of the period of lease granted under this rule shall be the date on which the lease deed is executed;*
- (ii) *The lease shall expire on the date specified in the lease deed and in no case extension of the period of lease shall be made.*
- (ii) As per Rule 22 (6) of Mineral Concession Rules, 1960, The mining plan once approved shall be valid for the entire duration of the lease:

Based on the presentation made & the documents furnished by the PP and as per the provisions of aforesaid laws, it has been observed that the validity of existing lease executed by the PP is operative for the period from 04.06.2012 to 03.06.2022, (i.e) the lease got expired on 03.06.2022 and hence the validity of the approved mining plan also stands co-terminated with lease period.

Therefore 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.

On the receipt of the same further deliberation will be done.

Agenda No: 291-23

(File No: 6900/2022)

Existing Black Granite quarry lease over an extent of 6.00.0 Ha S.F.Nos.1193/1 (Part-15) Kodakkal Village, Sholingur Taluk, Ranipet District, Tamil Nadu by M/s TAMIN - For amendment in Environmental Clearance issued.

(SIA/TN/MIN/275516/2022 Dt: 30.5.2022)

The proposal was placed in 291st SEAC meeting held on 2.7.2022. The project proponent has given a detailed presentation. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

SEAC noted the following:

- In the Mineral Concession Rules, 1960, (hereinafter referred to as the principal rules) in rule 2, in sub rule (1), after clause (vii), the following clause is inserted,


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namely:-

'(vii a) "run-of-mine" means the raw, unprocessed or uncrushed material in its natural state obtained after blasting, digging, cutting or scraping from the mineralized zone of a lease area.'

- The PP was issued with Environmental Clearance vide Lr.No.SEIAA-TN/F.No.6900/1(a)/EC.No:4615/2020 dated:27.03.2021 for the production in ROM: 90011 M³, 9002 m³ of black granite and Granite Waste: 81009 m³ Black Granite for the period of 5 Years from the date of Execution of mining lease.
- Now, the PP has applied for amendment in the existing EC issued for the following.

Production qty as per EC	Amendment Sought
RoM: 90011 M ³ , 9002 M ³ of black granite and Granite Waste: 81009 m ³ Black Granite for the period of 5 Years	18,015 M ³ of RoM per Annum

The PP also furnished the following

- The TAMIN production targets are conservative and follow the government mining rules and regulations to quarry the Black granite, Dolerite at this location and sold to international and domestic markets.
- The PP is also demarcated a dedicated area within the leasehold area for dumping of the non-saleable granite waste.
- The waste rock (or) overburden rock (or) other rejects excavated in the quarry is also dumped within the leasehold area and it will be backfilled into the worked out granite quarry faces during the final closure plan, with a view to restore the land to its original use (or) desired alternate use.
- In case of non-feasibility of backfilling, the waste dumps will suitably terraced and stabilised by planting adequate vegetation as indicated by the SEAC, as a part of progressive mine closure plan.
- Long term & shorter ecological and environmental impacts such as air pollution due to dust, exhaust emissions or fumes, the discharge of toxic and objectionable effluents, noise arising out during the mining operations of granite and related activities are adequately mitigated in the EMP.
- TAMIN intends to mine Geologically called as Dolerite and commercially known as "G 15"
- It is submitted that the environmental impact is directly linked to ROM being mined out from the mineralised zone of quarry and not restricted to saleable production quantity (recovery alone).
- Since the EC limits saleable production quantity (recovery only), it is observed that our quarry managers tend to extricate a very miniscule quantity of absolutely defect free material.


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- In many quarries the recovery falls down to very low value as 2% of RoM. This is neither in the interest of revenue generation for TAMIN (or) the State Government and also it is also not helping to protect the environment.
- Mining recoverable reserves may vary subject to the quality of Granite mining method and Geological features such as structural, textural formations and the market demand for the Granite being mined.
- It is well known that without extracting the Run of Mine (ROM) the recoverable production (recovery) is not possible.

SEAC carefully considered the request of the PP based on the presentation made and the details furnished by the PP. SEAC noted the following.

1. PP has requested the following amendment.

Production qty as per EC	Amendment sought
RoM: 90011 M ³ , 9002 M ³ of black granite; and Granite Waste: 81009 M ³ Black Granite for the period of 5 Years	18,015 M ³ of RoM per Annum

2. The term RoM includes raw, unprocessed or uncrushed material in its natural state obtained after blasting, digging, cutting or scraping from the mineralized zone of a lease area.
3. The quantity of 'saleable mineral' depends on many factors such as the geology of the site, technology, workmanship, etc. and, therefore, is difficult to estimate accurately, while RoM can easily be estimated at the time of preparation of mining plan.
4. SEAC recommended EC for the project based on the EIA/PFR/EMP report and approved mining plan wherein the details of production of RoM, mineral and mineral waste were mentioned.
5. EMP for the project has been finalised based on total RoM & peak annual RoM and not based on 'saleable mineral.'
6. SEAC noted that the PP has not asked for any change in the area, or in RoM, or in the peak annual RoM.

Considering all the above, the Committee recommends the following amendment to the EC subject to the following conditions.

Production qty as per EC	Amendment Recommended
RoM: 90011 M ³ , 9002 M ³ of black granite and Granite Waste: 81009 M ³ Black Granite for the period of 5 Years	18,015 M ³ of per annum peak RoM.


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1. The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier, vide MoEF&CC notification No. S.O. 1807(E) Dt.12.4.2022.
2. The existing conditions as mentioned in the EC vide Lr.No.SEIAA-TN/F.No.6900/1(a)/EC.No:4615/2020 dated:27.03.2021 remains unaltered.
3. The Project proponent shall install a Display Board at the entrance of the mining lease area/abutting the public Road, about the project information as shown in the Appendix -II of this minutes.

Agenda No: 291-24

(File No: 4415/2022)

Existing Black Granite quarry lease over an extent of 16.72.0 Ha S.F.Nos. Palamalai RF Yellikaradu (Bit-II) Village, Mettur Range & Taluk, Salem District, Tamil Nadu by M/s TAMIN - For amendment in Environmental Clearance issued.

(SIA/TN/MIN/275815/2022 Dt: 30.5.2022)

The proposal was placed in 291st SEAC meeting held on 2.7.2022. The project proponent has given a detailed presentation. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

SEAC noted the following:

- In the Mineral Concession Rules, 1960, (hereinafter referred to as the principal rules), in rule 2, in sub rule (1), after clause (vii), the following clause is inserted, namely:-
'(vii a) "run-of-mine" means the raw, unprocessed or uncrushed material in its natural state obtained after blasting, digging, cutting or scraping from the mineralized zone of a lease area.'
- The PP has issued with Environmental Clearance vide Lr.No.SEIAA-TN/F.No.441511(a)/ EC.No: 3889/2016 dated:14.11.2016 for the production in 2419 m³ / Annum of black granite and Granite Waste: 113881 m³ /Annum for the period of 20 Years from the date of Execution of mining lease.
- Now, the PP has applied for amendment in the existing EC issued for the following:-


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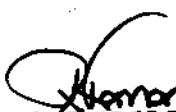

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Production qty as per EC	Amendment Sought
2419 M ³ / Annum of black granite and Granite Waste: 113881 M ³ /Annum for the period of 20 Years from the date of Execution of mining lease.	48375 M ³ of RoM per Annum

The PP also furnished the following

- The TAMILN production targets are conservative and follow the government mining rules and regulations to quarry the Black granite, Dolerite at this location and sold to international and domestic markets.
- The PP is also demarcated a dedicated area within the leasehold area for dumping of the non-saleable granite waste.
- The waste rock (or) overburden rock (or) other rejects excavated in the quarry is also dumped within the leasehold area and it will be backfilled into the worked out granite quarry faces during the final closure plan, with a view to restore the land to its original use (or) desired alternate use.
- In case of non-feasibility of backfilling, the waste dumps will suitably terraced and stabilised by planting adequate vegetation as indicated by the SEAC, as a part of progressive mine closure plan.
- Long term & shorter ecological and environmental impacts such as air pollution due to dust, exhaust emissions or fumes, the discharge of toxic and objectionable effluents, noise arising out during the mining operations of granite and related activities are adequately mitigated in the EMP.
- It is submitted that the environmental impact is directly linked to ROM being mined out from the mineralised zone of quarry and not restricted to saleable production quantity (recovery alone).
- Since the EC limits saleable production quantity (recovery only), it is observed that our quarry managers tend to extricate a very miniscule quantity of absolutely defect free material.
- In many quarries the recovery falls down to very low value as 2% of RoM. This is neither in the interest of revenue generation for TAMILN (or) the State Government and also it is also not helping to protect the environment.
- Mining recoverable reserves may vary subject to the quality of Granite mining method and Geological features such as structural, textural formations and the market demand for the Granite being mined.
- It is well known that without extracting the Run of Mine (ROM) the recoverable production (recovery) is not possible.

SEAC carefully considered the request of the PP based on the presentation made and the details furnished by the PP. SEAC noted the following.


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1. PP has requested the following amendment.

Production qty as per EC	Amendment Sought
2419 M ³ / Annum of black granite and Granite Waste: 113881 M ³ /Annum for the period of 20 Years from the date of Execution of mining lease.	48375 M ³ of RoM per Annum

2. The term RoM includes raw, unprocessed or uncrushed material in its natural state obtained after blasting, digging, cutting or scraping from the mineralized zone of a lease area.
3. The quantity of 'saleable mineral' depends on many factors such as the geology of the site, technology, workmanship, etc, and, therefore, is difficult to estimate accurately, while RoM can easily be estimated at the time of preparation of mining plan.
4. SEAC recommended EC for the project based on the EIA/PFR/EMP report and approved mining plan wherein the details of production of RoM, mineral and mineral waste were mentioned.
5. EMP for the project has been finalised based on total RoM & peak annual RoM and not based on 'saleable mineral.'
6. SEAC noted that the PP has not asked for any change in the area, or in RoM, or in the peak annual RoM.

Considering all the above, the Committee recommends the following amendment to the EC subject to the following conditions.

Production qty as per EC	Amendment Recommended
2419 M ³ / Annum of black granite and Granite Waste: 113881 M ³ /Annum for the period of 20 Years from the date of Execution of mining lease.	48375 M ³ of peak annual RoM production.

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 No. S.O. 1807(E) Dt12.4.2022.
2. The existing conditions as mentioned in the EC vide Lr.No. SEIAA-TN/ F.No.4415/1(a)/ EC.No: 3889/2016 dated:14.11.2016 is remains unaltered.


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3. The Project proponent shall install a Display Board at the entrance of the mining lease area/abutting the public Road, about the project information as shown in the Appendix -II of this Minutes.

Agenda No: 291-25

(File No: 6741/2022)

Existing Black Granite quarry lease over an extent of 7.80.0 Ha S.F.Nos.324/1 Samanur Village, Palacode Taluk, Dharmapuri District, Tamil Nadu by M/s TAMIN - For amendment in Environmental Clearance issued. (SIA/TN/MIN/275746/2022 Dt: 31.5.2022)

The proposal was placed in 291st SEAC meeting held on 2.7.2022. The project proponent has given a detailed presentation. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

SEAC noted the following:

- In the Mineral Concession Rules, 1960, (hereinafter referred to as the principal rules), in rule 2, in sub rule (1), after clause (vii), the following clause is inserted. namely:-
'(vii a) "run-of-mine" means the raw, unprocessed or uncrushed material in its natural state obtained after blasting, digging, cutting or scraping from the mineralized zone of a lease area;'
- The PP has issued with Environmental Clearance vide Lr.No.SEIAA-TN/ F.No.6741/1(a)/EC.No: 4679/2021 dated: 29.07.2021 for the production in RoM: 119987M³ and Black Granite : 5999 M³ (5% Recovery) & Granite waste: 113988 m³ the period of 5 Years from the date of Execution of mining lease.
- Now, the PP has applied for amendment in the existing EC issued for the following.

Production quantity as per EC	Amendment Sought
RoM: 119987 M ³ of Black Granite, Black Granite: 5999 M ³ (5% Recovery) & Granite waste: 113988 M ³ the period of 5 Years.	24017 M ³ of RoM per Annum

The PP also furnished the following

- The TAMIN production targets are conservative and follow the government mining rules and regulations to quarry the Black granite, Dolerite at this location and sold to international and domestic markets.
- The PP is also demarcated a dedicated area within the leasehold area for dumping of the non-saleable granite waste.


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- The waste rock (or) overburden rock (or) other rejects excavated in the quarry is also dumped within the leasehold area and it will be backfilled into the worked out granite quarry faces during the final closure plan, with a view to restore the land to its original use (or) desired alternate use.
- In case of non-feasibility of backfilling, the waste dumps will suitably terraced and stabilised by planting adequate vegetation as indicated by the SEAC, as a part of progressive mine closure plan.
- Long term & shorter ecological and environmental impacts such as air pollution due to dust, exhaust emissions or fumes, the discharge of toxic and objectionable effluents, noise arising out during the mining operations of granite and related activities are adequately mitigated in the EMP.
- It is submitted that the environmental impact is directly linked to ROM being mined out from the mineralised zone of quarry and not restricted to saleable production quantity (recovery alone).
- Since the EC limits saleable production quantity (recovery only), it is observed that our quarry managers tend to extricate a very miniscule quantity of absolutely defect free material.
- In many quarries the recovery falls down to very low value as 2% of RoM. This is neither in the interest of revenue generation for TAMIN (or) the State Government and also it is also not helping to protect the environment.
- Mining recoverable reserves may vary subject to the quality of Granite mining method and Geological features such as structural, textural formations and the market demand for the Granite being mined.
- It is well known that without extracting the Run of Mine (ROM) the recoverable production (recovery) is not possible.

SEAC carefully considered the request of the PP based on the presentation made and the details furnished by the PP. SEAC noted the following.

1. PP has requested the following amendment.

Production qty as per EC	Amendment Sought
RoM: 119987 M ³ of Black Granite, Black Granite: 5999 M ³ (5% Recovery) & Granite waste: 113988 M ³ the period of 5 Years.	24017 M ³ of RoM per Annum

2. The term RoM includes raw, unprocessed or uncrushed material in its natural state obtained after blasting, digging, cutting or scraping from the mineralized zone of a lease area.
3. The quantity of 'saleable mineral' depends on many factors such as the geology of the site, technology, workmanship, etc. and, therefore, is difficult to estimate accurately, while RoM can easily be estimated at the time of preparation of mining plan.


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4. SEAC recommended EC for the project based on the EIA/PFR/EMP report and approved mining plan wherein the details of production of RoM, mineral and mineral waste were mentioned.
5. EMP for the project has been finalised based on total RoM & peak annual RoM and not based on 'saleable mineral.'
6. SEAC noted that the PP has not asked for any change in the area, or in RoM, or in the peak annual RoM.

Considering all the above, the Committee recommends the following amendment to the EC subject to the following conditions.

Production qty as per EC	Amendment Recommended
RoM: 119987 M ³ of Black Granite, Black Granite: 5999 M ³ (5% Recovery) & Granite waste: 113988 M ³ the period of 5 Years.	24017 M ³ of peak RoM per Annum

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 No. S.O. 1807(E) Dt: 12.4.2022.
2. The existing conditions as mentioned in the EC vide Lr.No.SEIAA-TN/F.No.6741/I(a)/EC.No: 4679/2021 dated: 29.07.2021 remains unaltered.
3. The Project proponent shall install a Display Board at the entrance of the mining lease area/abutting the public Road, about the project information as shown in the Appendix -II of this Minutes.

Agenda No: 291-26

(File No: 715/2022)


Existing Black Granite quarry lease over an extent of 4.19.5 Ha S.F.Nos.196, Nekkunthi Village, Dharmapuri Taluk, Dharmapuri District, Tamil Nadu by M/s TAMIN - For amendment in Environmental Clearance issued.
(SIA/TN/MIN/275846/2022 Dt: 31.5.2022)

The proposal was placed in 291st SEAC meeting held on 2.7.2022. The project proponent has given a detailed presentation. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

SEAC noted the following:

- In the Mineral Concession Rules, 1960, (hereinafter referred to as the principal


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC -TN

rules), in rule 2, in sub rule (1), after clause (vii), the following clause is inserted, namely:-

'(vii a) "run-of-mine" means the raw, unprocessed or uncrushed material in its natural state obtained after blasting, digging, cutting or scraping from the mineralized zone of a lease area.'

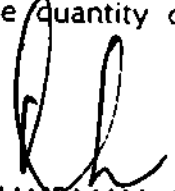
- The PP has issued with Environmental Clearance vide Lr.No.05/DEIAA-DPI/EC.No.05/2018 dated:14.8.2018 for the production of black granite 1824 m³ Black Granite for the period of 5 Years from the date of Execution of mining lease.
- Now, the PP has applied for amendment in the existing EC issued for the following.

Production qty as per EC	Amendment Sought
1824 M ³ Black Granite for the period of 5 Years	3690 M ³ of RoM per Annum

The PP also furnished the following

- The TAMIN production targets are conservative and follow the government mining rules and regulations to quarry the Black granite. Dolerite at this location and sold to international and domestic markets.
- The PP is also demarcated a dedicated area within the leasehold area for dumping of the non-saleable granite waste.
- The waste rock (or) overburden rock (or) other rejects excavated in the quarry is also dumped within the leasehold area and it will be backfilled into the worked out granite quarry faces during the final closure plan, with a view to restore the land to its original use (or) desired alternate use.
- In case of non-feasibility of backfilling, the waste dumps will suitably terraced and stabilised by planting adequate vegetation as indicated by the SEAC, as a part of progressive mine closure plan.
- Long term & shorter ecological and environmental impacts such as air pollution due to dust, exhaust emissions or fumes, the discharge of toxic and objectionable effluents, noise arising out during the mining operations of granite and related activities are adequately mitigated in the EMP.
- It is submitted that the environmental impact is directly linked to ROM being mined out from the mineralised zone of quarry and not restricted to saleable production quantity (recovery alone).
- Since the EC limits saleable production quantity (recovery only), it is observed that our quarry managers tend to extricate a very miniscule quantity of absolutely defect free material.


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SEAC -TN


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SEAC -TN

- In many quarries the recovery falls down to very low value as 2% of RoM. This is neither in the interest of revenue generation for TAMILNADU (or) the State Government and also it is also not helping to protect the environment.
- Mining recoverable reserves may vary subject to the quality of Granite mining method and Geological features such as structural, textural formations and the market demand for the Granite being mined.
- It is well known that without extracting the Run of Mine (ROM) the recoverable production (recovery) is not possible.

SEAC carefully considered the request of the PP based on the presentation made and the details furnished by the PP. SEAC noted the following.

1. PP has requested the following amendment.

Production qty as per EC	Amendment sought
1824 M ³ Black Granite for the period of 5 Years	3690 ³ of RoM per Annum

2. The term RoM includes raw, unprocessed or uncrushed material in its natural state obtained after blasting, digging, cutting or scraping from the mineralized zone of a lease area.
3. The quantity of 'saleable mineral' depends on many factors such as the geology of the site, technology, workmanship, etc, and, therefore, is difficult to estimate accurately, while RoM can easily be estimated at the time of preparation of mining plan.
4. SEAC recommended EC for the project based on the EIA/PFR/EMP report and approved mining plan wherein the details of production of RoM, mineral and mineral waste were mentioned.
5. EMP for the project has been finalised based on total RoM & peak annual RoM and not based on 'saleable mineral.'
6. SEAC noted that the PP has not asked for any change in the area, or in RoM, or in the peak annual RoM.

Considering all the above, the Committee recommends the following amendment to the EC subject to the following conditions.

Production qty as per EC	Amendment Recommended
1824 M ³ Black Granite for the period of 5 Years	3690 M ³ of peak RoM per Annum

1. The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining


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plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier, vide MoEF&CC notification No. S.O. 1807(E) Dt:12.4.2022.

2. The existing conditions as mentioned in the EC vide vide Lr.No.05/DEIAA-DPI/EC.No.05/2018 dated:14.8.2018 remains unaltered.
3. The Project proponent shall install a Display Board at the entrance of the mining lease area/abutting the public Road, about the project information as shown in the Appendix -II of this Minutes.

Agenda No: 291-27

(File No: 716/2022)

Existing Black Granite quarry lease over an extent of 4.00.0 Ha S.F.Nos.3(Part) Kaveripuram Village, Mettur Taluk, Salem District, Tamil Nadu by M/s TAMIN - For amendment in Environmental Clearance issued. (SIA/TN/MIN/276049/2022 Dt: 1.6.2022)

The proposal was placed in 291st SEAC meeting held on 2.7.2022. The project proponent has given a detailed presentation. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

SEAC noted the following:

- In the Mineral Concession Rules, 1960, (hereinafter referred to as the principal rules), in rule 2, in sub rule (1), after clause (vii), the following clause is inserted, namely:-
'(vii a) "run-of-mine" means the raw, unprocessed or uncrushed material in its natural state obtained after blasting, digging, cutting or scraping from the mineralized zone of a lease area;'
- The PP has issued with Environmental Clearance vide Lr.No.DEIAA-DIA/TN/MIN/10878/2017-SLM-ECN).13/2017 Dt. 17.5.2018 for the production of Black Granite: 8880 m³ in the period of 5 Years from the date of Execution of mining lease.
- Now, the PP has applied for amendment in the existing EC issued for the following.

Production qty as per EC	Amendment Sought
Black Granite: 8880 M ³ in the period of 5 Years	17763 M ³ of RoM per Annum

The PP also furnished the following


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC -TN


- The TAMIN production targets are conservative and follow the government mining rules and regulations to quarry the Black granite, Dolerite at this location and sold to international and domestic markets.
- The PP is also demarcated a dedicated area within the leasehold area for dumping of the non-saleable granite waste.
- The waste rock (or) overburden rock (or) other rejects excavated in the quarry is also dumped within the leasehold area and it will be backfilled into the worked out granite quarry faces during the final closure plan, with a view to restore the land to its original use (or) desired alternate use.
- In case of non-feasibility of backfilling, the waste dumps will suitably terraced and stabilised by planting adequate vegetation as indicated by the SEAC, as a part of progressive mine closure plan.
- Long term & shorter ecological and environmental impacts such as air pollution due to dust, exhaust emissions or fumes, the discharge of toxic and objectionable effluents, noise arising out during the mining operations of granite and related activities are adequately mitigated in the EMP.
- It is submitted that the environmental impact is directly linked to ROM being mined out from the mineralised zone of quarry and not restricted to saleable production quantity (recovery alone).
- Since the EC limits saleable production quantity (recovery only), it is observed that our quarry managers tend to extricate a very miniscule quantity of absolutely defect free material.
- In many quarries the recovery falls down to very low value as 2% of RoM. This is neither in the interest of revenue generation for TAMIN (or) the State Government and also it is also not helping to protect the environment.
- Mining recoverable reserves may vary subject to the quality of Granite mining method and Geological features such as structural, textural formations and the market demand for the Granite being mined.
- It is well known that without extracting the Run of Mine (ROM) the recoverable production (recovery) is not possible.

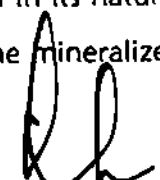
SEAC carefully considered the request of the PP based on the presentation made and the details furnished by the PP. SEAC noted the following.

1. PP has requested the following amendment.

Production qty as per EC	Amendment Sought
Black Granite: 8880 M ³ in the period of 5 Years	17763 M ³ of RoM per Annum

2. The term RoM includes raw, unprocessed or uncrushed material in its natural state obtained after blasting, digging, cutting or scraping from the mineralized zone of a lease area.


MEMBER SECRETARY
SEAC - TN


CHAIRMAN
SEAC - TN

3. The quantity of 'saleable mineral' depends on many factors such as the geology of the site, technology, workmanship, etc, and, therefore, is difficult to estimate accurately, while RoM can easily be estimated at the time of preparation of mining plan.
4. SEAC recommended EC for the project based on the EIA/PFR/EMP report and approved mining plan wherein the details of production of RoM, mineral and mineral waste were mentioned.
5. EMP for the project has been finalised based on total RoM & peak annual RoM and not based on 'saleable mineral.'
6. SEAC noted that the PP has not asked for any change in the area, or in RoM, or in the peak annual RoM.

Considering all the above, the Committee recommends the following amendment to the EC subject to the following conditions.

Production qty as per EC	Amendment Recommended
Black Granite: 8880 M ³ in the period of 5 Years	17763 M ³ of peak RoM per Annum

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 No. S.O. 1807(E) Dt.12.4.2022.
2. The existing conditions as mentioned in the EC vide Lr.No.DEIAA-DIA/TN/MIN/10878/2017-SLM-ECN).13/2017 Dt. 17.5.2018 remains unaltered.
3. The Project proponent shall install a Display Board at the entrance of the mining lease area/abutting the public Road, about the project information as shown in the Appendix -II of this Minutes.

Agenda No: 291-28

(File No: 3887/2022)

Existing Black Granite quarry lease over an extent of 4.14.8 Ha S.F.Nos.104/1A(P), Udayanatham Village, Vikkiravandi Taluk, Vilupuram District, Tamil Nadu by M/s TAMIN - For amendment in Environmental Clearance issued. (SIA/TN/MIN/ 276053/2022 Dt: 1.6.2022)


MEMBER SECRETARY
SEAC -TN

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CHAIRMAN
SEAC -TN

The proposal was placed in 291st SEAC meeting held on 2.7.2022. The project proponent has given a detailed presentation. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

SEAC noted the following:

- In the Mineral Concession Rules, 1960, (hereinafter referred to as the principal rules), in rule 2, in sub rule (1), after clause (vii), the following clause is inserted, namely:-
'(vii a) "run-of-mine" means the raw, unprocessed or uncrushed material in its natural state obtained after blasting, digging, cutting or scraping from the mineralized zone of a lease area.'
- The PP has issued with Environmental Clearance vide Lr.No.SEIAA-TN/F.No. 3887/1(a)/EC.N). 3888/2016 Dt. 14.11.2016 for the production of Black granite 750 m³ and 14250 m³ of granite waste per annum for the period of 20 Years from the date of Execution of mining lease.
- Now, the PP has applied for amendment in the existing EC issued for the following.

Production qty as per EC	Amendment Sought
Black granite 750 M ³ per annum and 14250 M ³ of granite waste per annum	7477 M ³ of RoM per Annum

The PP also furnished the following

- The TAMIN production targets are conservative and follow the government mining rules and regulations to quarry the Black granite, Dolerite at this location and sold to international and domestic markets.
- The PP is also demarcated a dedicated area within the leasehold area for dumping of the non-saleable granite waste.
- The waste rock (or) overburden rock (or) other rejects excavated in the quarry is also dumped within the leasehold area and it will be backfilled into the worked out granite quarry faces during the final closure plan, with a view to restore the land to its original use (or) desired alternate use.
- In case of non-feasibility of backfilling, the waste dumps will suitably terraced and stabilised by planting adequate vegetation as indicated by the SEAC, as a part of progressive mine closure plan.
- Long term & shorter ecological and environmental impacts such as air pollution due to dust, exhaust emissions or fumes, the discharge of toxic and objectionable effluents, noise arising out during the mining operations of granite and related activities are adequately mitigated in the EMP.


MEMBER SECRETARY
SEAC -TN

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CHAIRMAN
SEAC -TN

- It is submitted that the environmental impact is directly linked to ROM being mined out from the mineralised zone of quarry and not restricted to saleable production quantity (recovery alone).
- Since the EC limits saleable production quantity (recovery only), it is observed that our quarry managers tend to extricate a very miniscule quantity of absolutely defect free material.
- In many quarries the recovery falls down to very low value as 2% of RoM. This is neither in the interest of revenue generation for TAMIN (or) the State Government and also it is also not helping to protect the environment.
- Mining recoverable reserves may vary subject to the quality of Granite mining method and Geological features such as structural, textural formations and the market demand for the Granite being mined.
- It is well known that without extracting the Run of Mine (ROM) the recoverable production (recovery) is not possible.

Based on the presentation & details furnished by the PP, the SEAC noted that 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 Udiyanatham Reserve Forest is located within 1km 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: 291-29

(File No: 4389/2022)

Existing Colour Granite quarry lease over an extent of 15.23.5 Ha S.F.Nos.176/1 (P) Chendrapalli Village, Bargur Taluk, Krishnagiri District, Tamil Nadu by MVs TAMIN - For amendment in Environmental Clearance issued. (SIA/TN/MIN/ 275880/2022 Dt: 1.6.2022)

The proposal was placed in 291st SEAC meeting held on 2.7.2022. The project proponent has given a detailed presentation. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC -TN

SEAC noted the following:


- In the Mineral Concession Rules, 1960, (hereinafter referred to as the principal rules), in rule 2, in sub rule (1), after clause (vii), the following clause is inserted, namely:-
'(vii a) "run-of-mine" means the raw, unprocessed or uncrushed material in its natural state obtained after blasting, digging, cutting or scraping from the mineralized zone of a lease area.'
- The PP has issued with Environmental Clearance vide Lr.No.SEIAA-TN/F.No. 4389/EC/1(a).3975/2018 Dt. 30.4.2018 for the production of Colour granite 12068 m³ for the period of 5 Years from the date of Execution of mining lease.
- Now, the PP has applied for amendment in the existing EC issued for the following.

Production qty as per EC	Amendment Sought
Production of Colour granite 12068 M ³ for period of 5 years from the date of execution of mining lease.	24,230 M ³ of RoM per Annum

The PP also furnished the following

- The TAMIN production targets are conservative and follow the government mining rules and regulations to quarry the Black granite. Dolerite at this location and sold to international and domestic markets.
- The PP is also demarcated a dedicated area within the leasehold area for dumping of the non-saleable granite waste.
- The waste rock (or) overburden rock (or) other rejects excavated in the quarry is also dumped within the leasehold area and it will be backfilled into the worked out granite quarry faces during the final closure plan, with a view to restore the land to its original use (or) desired alternate use.
- In case of non-feasibility of backfilling, the waste dumps will suitably terraced and stabilised by planting adequate vegetation as indicated by the SEAC, as a part of progressive mine closure plan.
- Long term & shorter ecological and environmental impacts such as air pollution due to dust, exhaust emissions or fumes, the discharge of toxic and objectionable effluents, noise arising out during the mining operations of granite and related activities are adequately mitigated in the EMP.
- It is submitted that the environmental impact is directly linked to ROM being mined out from the mineralised zone of quarry and not restricted to saleable production quantity (recovery alone).


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC - TN

- Since the EC limits saleable production quantity (recovery only), it is observed that our quarry managers tend to extricate a very miniscule quantity of absolutely defect free material.
- In many quarries the recovery falls down to very low value as 2% of RoM. This is neither in the interest of revenue generation for TAMIN (or) the State Government and also it is also not helping to protect the environment.
- Mining recoverable reserves may vary subject to the quality of Granite mining method and Geological features such as structural, textural formations and the market demand for the Granite being mined.
- It is well known that without extracting the Run of Mine (ROM) the recoverable production (recovery) is not possible.

SEAC carefully considered the request of the PP based on the presentation made and the details furnished by the PP. SEAC noted the following.


1. PP has requested the following amendment.

Production qty as per EC	Amendment Sought
Production of Colour granite 12068 M ³	24230 M ³ of RoM per Annum

2. The term RoM includes raw, unprocessed or uncrushed material in its natural state obtained after blasting, digging, cutting or scraping from the mineralized zone of a lease area.
3. The quantity of 'saleable mineral' depends on many factors such as the geology of the site, technology, workmanship, etc, and, therefore, is difficult to estimate accurately, while RoM can easily be estimated at the time of preparation of mining plan.
4. SEAC recommended EC for the project based on the EIA/PFR/EMP report and approved mining plan wherein the details of production of RoM, mineral and mineral waste were mentioned.
5. EMP for the project has been finalised based on total RoM & peak annual RoM and not based on 'saleable mineral.'
6. SEAC noted that the PP has not asked for any change in the area, or in RoM, or in the peak annual RoM.

Considering all the above, the Committee recommends the following amendment to the EC subject to the following conditions.

Production qty as per EC	Amendment Recommended
production of Colour granite 12068 M ³	24230 M ³ of peak RoM per Annum


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SEAC -TN

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CHAIRMAN
SEAC- TN

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 No. S.O. 1807(E) Dt.12.4.2022.
2. The existing conditions as mentioned in the EC vide Lr.No.SEIAA-TN/F.No. 4389/EC/I(a).3975/2018 Dt. 30.4.2018 is remains unaltered.
3. The Project proponent shall install a Display Board at the entrance of the mining lease area/abutting the public Road, about the project information as shown in the Appendix -II of this Minutess.

Agenda No: 291-30

(File No: 2474/2022)

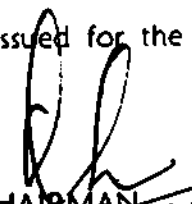
Existing Black Granite quarry lease over an extent of 3.38.5 Ha S.F.Nos.935 Ajjanahalli Village, Pennagaram Taluk, Dharmapuri District, Tamil Nadu by M/s TAMIN- For amendment in Environmental Clearance issued. (SIA/TN/MIN/276041/2022 Dt: 1.6.2022)

The proposal was placed in 291st SEAC meeting held on 2.7.2022. The project proponent has given a detailed presentation. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

SEAC noted the following:

- In the Mineral Concession Rules, 1960, (hereinafter referred to as the principal rules), in rule 2, in sub rule (1), after clause (vii), the following clause is inserted, namely:-
'(vii a) "run-of-mine" means the raw, unprocessed or uncrushed material in its natural state obtained after blasting, digging, cutting or scraping from the mineralized zone of a lease area.'
- The PP has issued with Environmental Clearance vide Lr.No.06/DEIAA-DPI/EC.No/2018 Dt. 14.8.2018 Dt. 30.4.2018 for the production of Black granite 6147 m³ for the period of 5 Years from the date of Execution of mining lease.
- Now, the PP has applied for amendment in the existing EC issued for the following


**MEMBER SECRETARY
SEAC -TN**


**CHAIRMAN
SEAC - TN**

Production qty as per EC	Amendment Sought
Production of Black granite 6147 M ³	27,001 M ³ of RoM per Annum

The PP also furnished the following

- The TAMIN production targets are conservative and follow the government mining rules and regulations to quarry the Black granite, Dolerite at this location and sold to international and domestic markets.
- The PP is also demarcated a dedicated area within the leasehold area for dumping of the non-saleable granite waste.
- The waste rock (or) overburden rock (or) other rejects excavated in the quarry is also dumped within the leasehold area and it will be backfilled into the worked out granite quarry faces during the final closure plan, with a view to restore the land to its original use (or) desired alternate use.
- In case of non-feasibility of backfilling, the waste dumps will suitably terraced and stabilised by planting adequate vegetation as indicated by the SEAC, as a part of progressive mine closure plan.
- Long term & shorter ecological and environmental impacts such as air pollution due to dust, exhaust emissions or fumes, the discharge of toxic and objectionable effluents, noise arising out during the mining operations of granite and related activities are adequately mitigated in the EMP.
- It is submitted that the environmental impact is directly linked to ROM being mined out from the mineralised zone of quarry and not restricted to saleable production quantity (recovery alone).
- Since the EC limits saleable production quantity (recovery only), it is observed that our quarry managers tend to extricate a very miniscule quantity of absolutely defect free material.
- In many quarries the recovery falls down to very low value as 2% of RoM. This is neither in the interest of revenue generation for TAMIN (or) the State Government and also it is also not helping to protect the environment.
- Mining recoverable reserves may vary subject to the quality of Granite mining method and Geological features such as structural, textural formations and the market demand for the Granite being mined.
- It is well known that without extracting the Run of Mine (ROM) the recoverable production (recovery) is not possible.

Based on the presentation & details furnished by the PP, the SEAC noted that 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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SEAC - TN

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CHAIRMAN
SEAC - TN

" ... 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 Ajjanahalli Reserve Forest is located within 1km 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: 291-31

(File No: 3893/2022)

Existing Vermiculite mine lease over an extent of 23.71.0 Ha S. F.Nos. 120, 126, 127, 131, 132, 133, 134, 135, 137, 138, 139, 140, 142 & 168 in Sevathur Village, S.F. Nos. 435, 436 & 437 in Elavampatti Village., Tirupathur Taluk & District, Tamil Nadu by M/s TAMIN - For amendment in Environmental Clearance issued. (SIA/TN/MIN/276206/2022 Dt: 2.6.2022)

The proposal was placed in 291st SEAC meeting held on 2.7.2022. The project proponent has given a detailed presentation. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

SEAC noted the following:

- In the Mineral Concession Rules, 1960, (hereinafter referred to as the principal rules), in rule 2, in sub rule (1), after clause (vii), the following clause is inserted, namely:-
'(vii a) "run-of-mine" means the raw, unprocessed or uncrushed material in its natural state obtained after blasting, digging, cutting or scraping from the mineralized zone of a lease area.'
- The PP has issued with Environmental Clearance vide Lr.No.SEIAA-TN/F.No. 3893/1(a)/ EC. No. 3284/2015 Dt. 11.07.2016 for the production of Vermiculite -3132 T/A for mining lease period or limited to a maximum of 20 Years from the date of issue whichever is earlier.
- Now, the PP has applied for amendment in the existing EC issued for the following.


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC - TN

Production qty as per EC	Amendment Sought
Vermiculite -3132 T/A	33,850 T/A of RoM

The PP also furnished the following

- The TAMIN production targets are conservative and follow the government mining rules and regulations to quarry the Black granite. Dolerite at this location and sold to international and domestic markets.
- The PP is also demarcated a dedicated area within the leasehold area for dumping of the non-saleable granite waste.
- The waste rock (or) overburden rock (or) other rejects excavated in the quarry is also dumped within the leasehold area and it will be backfilled into the worked out granite quarry faces during the final closure plan, with a view to restore the land to its original use (or) desired alternate use.
- In case of non-feasibility of backfilling, the waste dumps will suitably terraced and stabilised by planting adequate vegetation as indicated by the SEAC, as a part of progressive mine closure plan.
- Long term & shorter ecological and environmental impacts such as air pollution due to dust, exhaust emissions or fumes, the discharge of toxic and objectionable effluents, noise arising out during the mining operations of granite and related activities are adequately mitigated in the EMP.
- It is submitted that the environmental impact is directly linked to ROM being mined out from the mineralised zone of quarry and not restricted to saleable production quantity (recovery alone).
- Since the EC limits saleable production quantity (recovery only), it is observed that our quarry managers tend to extricate a very miniscule quantity of absolutely defect free material.
- In many quarries the recovery falls down to very low value as 2% of RoM. This is neither in the interest of revenue generation for TAMIN (or) the State Government and also it is also not helping to protect the environment.
- Mining recoverable reserves may vary subject to the quality of Granite mining method and Geological features such as structural, textural formations and the market demand for the Granite being mined.
- It is well known that without extracting the Run of Mine (ROM) the recoverable production (recovery) is not possible.

SEAC carefully considered the request of the PP based on the presentation

made and the details furnished by the PP. SEAC noted the following.

1. PP has requested the following amendment.

Production qty as per EC	Amendment Sought
Vermiculite -3132 T/A	33,850 T/A of RoM

2. The term RoM includes raw, unprocessed or uncrushed material in its natural state obtained after blasting, digging, cutting or scraping from the mineralized

MEMBER SECRETARY
SEAC -TN

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zone of a lease area.

3. The quantity of 'saleable mineral' depends on many factors such as the geology of the site, technology, workmanship, etc, and, therefore, is difficult to estimate accurately, while RoM can easily be estimated at the time of preparation of mining plan.
4. SEAC recommended EC for the project based on the EIA/PFR/EMP report and approved mining plan wherein the details of production of RoM, mineral and mineral waste were mentioned.
5. EMP for the project has been finalised based on total RoM & peak annual RoM and not based on 'saleable mineral.'
6. SEAC noted that the PP has not asked for any change in the area, or in RoM, or in the peak annual RoM.

Considering all the above, the Committee recommends the following amendment to the EC subject to the following conditions.

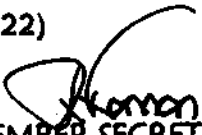
Production qty as per EC	Amendment Recommended
Vermiculite -3132 T/A	33,850 T/A of peak RoM per Annum

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 No. S.O. 1807(E) Dt12.4.2022.
2. The existing conditions as mentioned in the EC vide Lr.No.SEIAA-TN/F.No. 3893/1(a)/EC. No.3284/2015 Dt. 11.07.2016 is remains unaltered.
3. The Project proponent shall install a Display Board at the entrance of the mining lease area/abutting the public Road, about the project information as shown in the Appendix -II of this Minutess.

Agenda No: 291-32

(File No: 4039/2022)

Existing Colour Granite quarry lease over an extent of 3.47.5 Ha S.F.Nos.276/2(P) Thogamalai Village, Kullithalai Taluk, Karur District, Tamil Nadu by M/s TAMIN - For amendment in Environmental Clearance issued. (SIA/TN/MIN/ 27623B/2022 Dt: 2.6.2022)


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The proposal was placed in 291st SEAC meeting held on 2.7.2022. The project proponent has given a detailed presentation. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

SEAC noted the following:

- In the Mineral Concession Rules, 1960, (hereinafter referred to as the principal rules), in rule 2, in sub rule (1), after clause (vii), the following clause is inserted, namely:-
'(vii a) "run-of-mine" means the raw, unprocessed or uncrushed material in its natural state obtained after blasting, digging, cutting or scraping from the mineralized zone of a lease area.'
- The PP has issued with Environmental Clearance vide Lr.No.SEIAA-TN/F.No. 4039/1(a)/EC No.3885/2016 Dt. 14.11.2016 for the production of Colour granite 1225 m³/Annum & 11025 m³/Annum of Granite rejects for the mine lease period of 20 Years from the date of Execution of mining lease.
- Now, the PP has applied for amendment in the existing EC issued for the following.

Production qty as per EC	Amendment Sought
Colour granite 1225 M ³ /Annum & 11025 m ³ /Annum of Granite rejects	4897 M ³ of RoM per Annum

The PP also furnished the following

- The TAMIN production targets are conservative and follow the government mining rules and regulations to quarry the Black granite, Dolerite at this location and sold to international and domestic markets.
- The PP is also demarcated a dedicated area within the leasehold area for dumping of the non-saleable granite waste.
- The waste rock (or) overburden rock (or) other rejects excavated in the quarry is also dumped within the leasehold area and it will be backfilled into the worked out granite quarry faces during the final closure plan, with a view to restore the land to its original use (or) desired alternate use.
- In case of non-feasibility of backfilling, the waste dumps will suitably terraced and stabilised by planting adequate vegetation as indicated by the SEAC, as a part of progressive mine closure plan.
- Long term & shorter ecological and environmental impacts such as air pollution due to dust, exhaust emissions or fumes, the discharge of toxic and objectionable effluents, noise arising out during the mining operations of granite and related activities are adequately mitigated in the EMP.


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- It is submitted that the environmental impact is directly linked to ROM being mined out from the mineralised zone of quarry and not restricted to saleable production quantity (recovery alone).
- Since the EC limits saleable production quantity (recovery only), it is observed that our quarry managers tend to extricate a very miniscule quantity of absolutely defect free material.
- In many quarries the recovery falls down to very low value as 2% of RoM. This is neither in the interest of revenue generation for TAMIN (or) the State Government and also it is also not helping to protect the environment.
- Mining recoverable reserves may vary subject to the quality of Granite mining method and Geological features such as structural, textural formations and the market demand for the Granite being mined.
- It is well known that without extracting the Run of Mine (ROM) the recoverable production (recovery) is not possible.

SEAC carefully considered the request of the PP based on the presentation made and the details furnished by the PP. SEAC noted the following.

1. PP has requested the following amendment.

Production qty as per EC	Amendment sought
Colour granite 1225 M ³ /Annum & 11025 m ³ /Annum of Granite rejects	4897 M ³ of RoM per Annum

2. The term RoM includes raw, unprocessed or uncrushed material in its natural state obtained after blasting, digging, cutting or scraping from the mineralized zone of a lease area.
3. The quantity of 'saleable mineral' depends on many factors such as the geology of the site, technology, workmanship, etc, and, therefore, is difficult to estimate accurately, while RoM can easily be estimated at the time of preparation of mining plan.
4. SEAC recommended EC for the project based on the EIA/PFR/EMP report and approved mining plan wherein the details of production of RoM, mineral and mineral waste were mentioned.
5. EMP for the project has been finalised based on total RoM & peak annual RoM and not based on 'saleable mineral.'
6. SEAC noted that the PP has not asked for any change in the area, or in RoM, or in the peak annual RoM.

Considering all the above, the Committee recommends the following amendment to


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the EC subject to the following conditions.

Production qty as per EC	Amendment Recommended
Colour granite 1225 M ³ /Annum & 11025 m ³ /Annum of Granite rejects	4897 M ³ of peak RoM per Annum

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 No. S.O. 1807(E) Dt.12.4.2022.
2. The existing conditions as mentioned in the EC vide Lr.No.SEIAA-TN/F.No. 4039/1(a)/EC No.3885/2016 Dt. 14.11.2016 remains unaltered.
3. The Project proponent shall install a Display Board at the entrance of the mining lease area/abutting the public Road, about the project information as shown in the Appendix -II of this Minutes.

Agenda No: 291-33

(File No: 6793/2022)

Existing Quartz & Feldspar quarry lease over an extent of 4.07.0 Ha S.F.Nos.103, 104A & 112 Punganthurai Village, Dharapuram Taluk, Tiruppur District, Tamil Nadu by M/s TAMIN - For amendment in Environmental Clearance issued. (SIA/TN/MIN/276153/2022 Dt: 2.6.2022)

The proposal was placed in 291st SEAC meeting held on 2.7.2022. The project proponent has given a detailed presentation. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

SEAC noted the following:

- In the Mineral Concession Rules, 1960, (hereinafter referred to as the principal rules), in rule 2, in sub rule (1), after clause (vii), the following clause is inserted, namely:-

'(vii a) "run-of-mine" means the raw, unprocessed or uncrushed material in its natural state obtained after blasting, digging, cutting or scraping from the mineralized zone of a lease area;'

- The PP has issued with Environmental Clearance vide Lr.No.SEIAA-TN/F.No. 6793/1(a)/EC No.4068/2019 Dt. 31.10.2019 for the production of 3007 T of Quartz for the period of 5 Years from the date of Execution of mining lease.


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- Now, the PP has applied for amendment in the existing EC issued for the following.

Production qty as per EC	Amendment Sought
Quartz 30077 T for the period of 5 years from the date of execution of mining lease	52,434 T of RoM per Annum

The PP also furnished the following

- The TAMIN production targets are conservative and follow the government mining rules and regulations to quarry the Black granite, Dolerite at this location and sold to international and domestic markets.
- The PP is also demarcated a dedicated area within the leasehold area for dumping of the non-saleable granite waste.
- The waste rock (or) overburden rock (or) other rejects excavated in the quarry is also dumped within the leasehold area and it will be backfilled into the worked out granite quarry faces during the final closure plan, with a view to restore the land to its original use (or) desired alternate use.
- In case of non-feasibility of backfilling, the waste dumps will suitably terraced and stabilised by planting adequate vegetation as indicated by the SEAC, as a part of progressive mine closure plan.
- Long term & shorter ecological and environmental impacts such as air pollution due to dust, exhaust emissions or fumes, the discharge of toxic and objectionable effluents, noise arising out during the mining operations of granite and related activities are adequately mitigated in the EMP.
- It is submitted that the environmental impact is directly linked to ROM being mined out from the mineralised zone of quarry and not restricted to saleable production quantity (recovery alone).
- Since the EC limits saleable production quantity (recovery only), it is observed that our quarry managers tend to extricate a very miniscule quantity of absolutely defect free material.
- In many quarries the recovery falls down to very low value as 2% of RoM. This is neither in the interest of revenue generation for TAMIN (or) the State Government and also it is also not helping to protect the environment.
- Mining recoverable reserves may vary subject to the quality of Granite mining method and Geological features such as structural, textural formations and the market demand for the Granite being mined.
- It is well known that without extracting the Run of Mine (ROM) the recoverable production (recovery) is not possible.

SEAC carefully considered the request of the PP based on the presentation made and the details furnished by the PP. SEAC noted the following.

1. PP has requested the following amendment.


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Production qty as per EC	Amendment sought
Quartz 30077 T for the period of 5 years	52,434 T of RoM per Annum

2. The term RoM includes raw, unprocessed or uncrushed material in its natural state obtained after blasting, digging, cutting or scraping from the mineralized zone of a lease area.
3. The quantity of 'saleable mineral' depends on many factors such as the geology of the site, technology, workmanship, etc, and, therefore, is difficult to estimate accurately, while RoM can easily be estimated at the time of preparation of mining plan.
4. SEAC recommended EC for the project based on the EIA/PFR/EMP report and approved mining plan wherein the details of production of RoM, mineral and mineral waste were mentioned.
5. EMP for the project has been finalised based on total RoM & peak annual RoM and not based on 'saleable mineral.'
6. SEAC noted that the PP has not asked for any change in the area, or in RoM, or in the peak annual RoM.

Considering all the above, the Committee recommends the following amendment to the EC subject to the following conditions.

Production qty as per EC	Amendment Recommended
Quartz 30077 T for the period of 5 years	52,434 T of peak RoM per Annum

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 No. S.O. 1807(E) Dt12.4.2022.
2. The existing conditions as mentioned in the EC vide Lr.No.SEIAA-TN/F.No. 6793/1(a)/EC No.4068/2019 Dt. 31.10.2019 is remains unaltered.
3. The Project proponent shall install a Display Board at the entrance of the mining lease area/abutting the public Road, about the project information as shown in the Appendix -II of this Minutess.


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Agenda No: 291-34

(File No: 4049/2022)

Existing Colour Granite quarry lease over an extent of 10.12.0 Ha S.F.Nos.120(P) Naganur Village, Kulithalai Taluk, Karur District, Tamil Nadu by M/s TAMIN - For amendment in Environmental Clearance issued. (SIA/TN/MIN/ 276355/2022 Dt: 3.6.2022)

The proposal was placed in 291st SEAC meeting held on 2.7.2022. The project proponent has given a detailed presentation. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

SEAC noted the following:

- In the Mineral Concession Rules, 1960. (hereinafter referred to as the principal rules), in rule 2, in sub rule (1), after clause (vii), the following clause is inserted, namely:-
'(vii a) "run-of-mine" means the raw, unprocessed or uncrushed material in its natural state obtained after blasting, digging, cutting or scraping from the mineralized zone of a lease area;'
- The PP has issued with Environmental Clearance vide Lr.No.SEIAA-TN/F.No. 4049/1(a)/EC. No.3886/2016 Dt. 14.11.2016 for the production of 1211 M³/annum of Multi Coloured Granite & 10901 M³/annum of Granite rejects for the period of 20 Years from the date of Execution of mining lease.
- Now, the PP has applied for amendment in the existing EC issued for the following.

Production quantity as per EC	Amendment Sought
1211 M ³ /annum of Multi Coloured Granite & 10901 M ³ /annum of Granite rejects for the period of 20 Years from the date of Execution of mining lease.	121913M ³ of RoM per Annum

The PP also furnished the following

- The TAMIN production targets are conservative and follow the government mining rules and regulations to quarry the Black granite, Dolerite at this location and sold to international and domestic markets.
- The PP is also demarcated a dedicated area within the leasehold area for dumping of the non-saleable granite waste.
- The waste rock (or) overburden rock (or) other rejects excavated in the quarry is also dumped within the leasehold area and it will be backfilled into the


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worked out granite quarry faces during the final closure plan, with a view to restore the land to its original use (or) desired alternate use.

- In case of non-feasibility of backfilling, the waste dumps will suitably terraced and stabilised by planting adequate vegetation as indicated by the SEAC, as a part of progressive mine closure plan.
- Long term & shorter ecological and environmental impacts such as air pollution due to dust, exhaust emissions or fumes, the discharge of toxic and objectionable effluents, noise arising out during the mining operations of granite and related activities are adequately mitigated in the EMP.
- It is submitted that the environmental impact is directly linked to ROM being mined out from the mineralised zone of quarry and not restricted to saleable production quantity (recovery alone).
- Since the EC limits saleable production quantity (recovery only), it is observed that our quarry managers tend to extricate a very miniscule quantity of absolutely defect free material.
- In many quarries the recovery falls down to very low value as 2% of RoM. This is neither in the interest of revenue generation for TAMIN (or) the State Government and also it is also not helping to protect the environment.
- Mining recoverable reserves may vary subject to the quality of Granite mining method and Geological features such as structural, textural formations and the market demand for the Granite being mined.
- It is well known that without extracting the Run of Mine (ROM) the recoverable production (recovery) is not possible.

SEAC carefully considered the request of the PP based on the presentation made and the details furnished by the PP. SEAC noted the following.

1. PP has requested the following amendment.

Production qty as per EC	Amendment Sought
1211 M ³ /annum of Multi Coloured Granite & 10901 M ³ /annum of Granite rejects for the period of 20 Years from the date of Execution of mining lease.	12191m ³ of RoM per Annum

2. The term RoM includes raw, unprocessed or uncrushed material in its natural state obtained after blasting, digging, cutting or scraping from the mineralized zone of a lease area.
3. The quantity of 'saleable mineral' depends on many factors such as the geology of the site, technology, workmanship, etc. and, therefore, is difficult to estimate accurately, while RoM can easily be estimated at the


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time of preparation of mining plan.

4. SEAC recommended EC for the project based on the EIA/PFR/EMP report and approved mining plan wherein the details of production of RoM, mineral and mineral waste were mentioned.
5. EMP for the project has been finalised based on total RoM & peak annual RoM and not based on 'saleable mineral.'
6. SEAC noted that the PP has not asked for any change in the area, or in RoM, or in the peak annual RoM.

Considering all the above, the Committee recommends the following amendment to the EC subject to the following conditions.

Production qty as per EC	Amendment Recommended
1211 M ³ /annum of Multi Coloured Granite & 10901 M ³ /annum of Granite rejects for the period of 20 Years from the date of Execution of mining lease.	12113m ³ of peak RoM per Annum

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 No. S.O. 1807(E) Dt.12.4.2022.
2. The existing conditions as mentioned in the EC vide Lr.No.SEIAA-TN/F.No. 4049/1(a)/EC No.3886/2016 Dt. 14.11.2016 is remains unaltered.
3. The Project proponent shall install a Display Board at the entrance of the mining lease area/abutting the public Road, about the project information as shown in the Appendix -II of this Minutes.

Agenda No: 291-35

(File No: 1259/2014)

Proposal seeking issue of Extension of Validity of Environmental Clearance for the Existing Colour Granite quarry lease over an extent of 4.77.5 Ha by M/s. Tamil Nadu Minerals Limited at S.F. Nos. 391(Part) of Thattarahalli Village, Krishnagiri Taluk, Krishnagiri District, Tamil Nadu.

1. The Environmental Clearance was accorded vide Lr. No.SEIAA-TN/F.No.1259/EC/1(a)/ 1805/2014 dated: 27.03.2015 to M/s. Tamil Nadu Minerals Limited for the Proposed Colour Granite quarry lease over an extent of 4.77.5 Ha in S.F. Nos. 391(Part) of Thattarahalli Village, Krishnagiri Taluk.


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Krishnagiri District Tamil Nadu. The EC period granted was five years and the EC was valid till 26.03.2020.

2. The project proponent has applied for EC validity Extension application submitted to SEIAA-TN on 26.11.2019 stating that

"The lease has been granted by Government of Tamil Nadu GO (3D) No 67, Industries (MME-I) Department. Dated 05.12.2011, for 30 years period and is Valid from 12.03.2012 to 11.03.2042.

The PP has submitted the Scheme of Mining approved by the Directorate of Geology & Mining, vide letter Rc No 2676/MM4/2020 dated 03.07.2020.

The Scheme of Mining has been approved for production quantity of 905 m³ for one year, i.e., 2020-21

The Assistant Director, Department of Geology and Mining, Krishnagiri, Vide letter Rc. No. 255/2020/Mines dated 18.03.2020 has furnished the details of permit taken by the proponent as follows

"The quantity of production approved in the EC is 4510m³. The permit quantity of production is 1437.158 m³ of colour granite from 12.03.2015 to till date (18.03.2020) and no excess permit has been permitted above the EC approved quantity."

3. The subject was placed in the 385th SEIAA meeting held on 28.08.2020. After detailed discussion the Authority decided that the production quantity already mined is lesser than the EC approved quantity, the Authority has decided to extend the EC by a period of one year upto 31.03.2021 for a production quantity of 905m³ of Colour Granite. All other conditions imposed in the Environmental Clearance awarded Lr.No.SEIAA-Tn/F.No.1259/EC/1(a)/1805/2014 dated: 27.03.2015 shall remain unaltered.
4. The Extension Environmental Clearance was accorded vide Lr. No.SEIAA-TN/F.No.1259/EC/1(a)/4276/2013 dated: 28.08.2020 to M/s. Tamil Nadu Minerals Limited for the Proposed Colour Granite quarry lease over an extent of 4.77.0Ha in S.F. Nos. 391(Part) of Thattarahalli Village, Krishnagiri Taluk, Krishnagiri District Tamil Nadu. The EC period granted was one year upto 31.03.2021 for a production quantity of 905m³ of Colour Granite.


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5. The project proponent once again requested to EC validity extension application submitted to SEIAA-TN on 16.02.2021 stating that

- a) Government granted quarry lease to TAMIN for quarrying colour granite over an extent of 4.77.5Ha in SF.No.391(Part) of Thatrahalli Village, Krishnagiri Taluk & District for 30 years vide GO (3D) No 67, Industries (MME-1) Department, Dated 05.12.2011. The lease period is valid from 12.03.2012 to 11.03.2042.
- b) Accordingly, the State Level Environmental Impact Assessment Authority, (SEIAA), Tamil Nadu granted Environmental Clearance(EC) for the production quantity of 4,510M³ of Colour Granite over a period of five years vide SEIAA-TN/F.No.1259/EC/1(a)/1805/2014, dated: 27.03.2015.
- c) The EC period expired on 26.03.2020. As per Ministry of Environment, Forest and Climate Change (MoEF&CC) Office Memorandum (O.M) No.22-25/2020-IA.III,dated.25.03.2020 the EC period had been extended up to 30.06.2020 instead of 26.03.2020.
- d) During the EC period TAMIN had obtained way permit for the quantity of 1437.158m³ instead of 4,510m³ up to 15.03.2020 from the Department of Geology and Mining, Krishnagiri. TAMIN did not increase the production quantity as permitted in the existing EC. The EC approved quantity and dispatched quantity is mentioned below.

EC period	EC approved Quantity	Dispatched quantity	Balance to be dispatched
27.03.2015 to 30.06.2020	4,510 m ³	1437.158m ³	3072.842 m ³

- e) TAMIN applied for extension of EC up to 30 years from the date of grant of original EC period up to 26.03.2045 (i.e. up to 27.03.2015 to 26.03.2045=30years) as per the MoEF&CC Notification S.O.1533(E) dated.14.09.2006 and Office Memorandum dated 20.03.2015 as there is no modification or increase in production quantity/extent.
- f) SEIAA extended the EC for a period of one year up to 31.03.2021 for a production quantity of 905M³ of colour granite as mentioned in the approved scheme of Mining for the year of 2020-21.


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- g) Accordingly, TAMIN has dispatched 278.124M³ of Colour granite instead of 905 M³. TAMIN did not increase the production quantity as permitted in the existing extension of EC. In this regard necessary mineral dispatch report has been obtained from the Assistant Director, Department of Mines and Geology, Krishnagiri vide their letter Rc No.255/2020/Mines, dated 15.02.2021. The EC approved and dispatched quantities as on 15.02.2021 are mentioned below.

EC period	EC approved Quantity	Dispatched quantity	Balance to be dispatched
01.07.2020 to 31.03.2021	905 m ³	278.124 m ³	626.876 m ³

- h) Now TAMIN has submitted the Scheme of Mining for the period from 2021-22 to 2025-26 for the subject area and the same has been approved by the Commissioner of Geology and Mining, Chennai for the production quantity of 4510 M³ for the five years period from 2021-22 to 2024-25.
- i) Under these, circumstances TAMIN would like to extend the EC period beyond 31.03.2021 i.e up to 30 years from the date of grant of original EC period i.e, up to 26.03.2045 as there is no modification or increase in production quantity/extent.
- j) As per the following MoEF&CC Notifications, Office Memorandums, court orders and orders of TNSEIAA and other States SEIAA as mentioned below , the EC validity period may be extended to 30 years as requested above for the subject area.

Sl No	References Notification, OM & Court Order	EC period
1.	MoEF Notification S.O 1533 dated 14.09.2006	30 Years
2.	MoEF & CC Office Memorandum dated 20.03.2015	30 Years
3.	MoEF Notification S.O 2944(E) dated 14.09.2016	30 Years
4.	MoEF & CC reply to FEMI: MoEF & CC, Letter No.2.11013/55/2016-IA.II dated 20.04.2017	30 Years
5.	Hon'ble Supreme Court Judgment date 07.02.2018	30 Years
6.	MoEF Notification S.O 1530(E) dated 06.04.2018	30 Years
7.	Orissa High Court Order. Cuttack W.P (C) No25211 of 2013 Judgment dated 24.12.2014	30 Years
8.	SEIAA, Andra Pradesh EC No. SEIAA/AP/NLR/MIN/01/2018-497, dt. 19.04.2018	20 Years or lease period whichever is earlier.

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9.	MoEF, New Delhi EC No. J-11015/97/2014-IA.II(M) dated 06.05.2015	23 Years. As the life of the mine is 23 years.
10.	TN SEIAA: TN/F.No.985/EC/1(a)/3215/2013 dated 11.07.2016	30 Years
11.	Tamil Nadu SEIAA -TN/F.No.6274/2017/EC-3964/1(a)/PBR/2017 dated 19.12.2017	Co-terminus with lease period
12.	Tamil Nadu SEIAA-TN/F.No.6423/2017/EC-3963/1(a)/ALR/2017 dated 19.12.2017	-do-
13.	SEIAA, Madhya Pradesh, EC Extension Letter No.2596/SEIAA/19, dated 15.10.2019	30 Years

k) Further, it is informed that as per the Rule 18 of Granite Conservation and Development Rules, 1999, every mining plan duly approved under these Rules shall be valid for the entire duration of the lease.

l) In view of the above, we have enclosed herewith necessary Form-I, PFR, CCR, CTO and approved Scheme of Mining etc., for kind perusal & record.

Hence, proponent has requested the SEIAA to consider the demand of TAMIN and grant necessary extension of EC for 30 years from the date of grant of original EC period i.e, up to 26.03.2045.

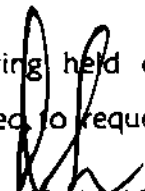
The proposal was placed in the 454th Authority meeting held on 16.08.2021. The Authority discussed in detail and decided to request Member Secretary SEIAA to put up with the files indicated in the proponent's letter available in this office along with copy of SEAC minutes, SEIAA minutes, ECs mentioned in the PP letter including copies of EC given by other state SEIAA along with a detailed note for each points mentioned in the letter in the ensuing SEIAA meeting.

As per the EIA Notification 2006, as amended, the Validity of Environmental Clearance (EC): The prior environmental clearance granted for a project or activity shall be valid for a period of ten years in the case of River Valley projects [item 1(c) of the Schedule], project life as estimated by the Expert Appraisal Committee or State Level Expert Appraisal Committee or District Level Expert Appraisal Committee subject to a maximum of thirty years for mining projects and seven years in the case of all other projects and activities.

The subject was placed before the Authority in its 468th meeting held on 11.10.2021 & 12.10.2021. After detailed discussions, the Authority decided to request


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MS-SEIAA to send the request of the proponent to SEAC with a copy of the letter with annexure and a detailed note with a request to appraise the validity of Extension for 30 years proposal and to furnish the recommendations. The proposal was again placed for appraisal in this 241st meeting of SEAC held on 03.11.2021.

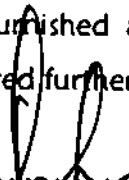
The SEAC has noted the remarks & recommendation furnished by SEIAA. In this connection, SEAC after detailed deliberations has decided that the extension of validity is not technical matter to be dealt with SEAC and it is a policy decision of SEIAA in accordance with MoEF&CC/Govt. Notifications/Office memorandum. Therefore, SEIAA may take appropriate further course of action and the decision may be communicated to SEAC for future appraisal.

With above remarks it was placed before 484th Authority meeting held on 29.01.2022 & 31.01.2022. After detailed discussion, the Authority decided to refer back the proposal to SEAC with a request to appraise the proposal of extension of validity of for 30 years proposal and to furnish the recommendations considering the followings.

1. As per the EIA Notification 2006, as amended, the Validity of Environmental Clearance granted for the project life of mining projects as estimated by the Expert Appraisal Committee or State Level Expert Appraisal Committee or District Level Expert Appraisal Committee subject to a maximum of thirty years for mining projects.
2. Generally the project proponent of mining projects will submit application for Environmental Clearance along with approved mining plan for a period of five years & EIA/EMP for a period of five years.
3. Subsequently the project proponent of mining projects will submit application for Environmental Clearance along with approved scheme of mining further for a period of five years & EIA/EMP.
4. As per the recommendation of the SEAC, the Environmental Clearance will be issued with validity for a period of five years.

Under the above circumstance the proposal was again placed in 255th SEAC Meeting held on 18.3.2022. Based on the presentation, documents furnished and clarification given by the proponent, SEAC decided that the subject required further


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deliberations in SEAC to arrive at a common policy with respect to all granite mines and requested the proponent to submit, in the form of a letter, all the arguments made by the proponent along with practices in other states and copies of Judgement mentioned in the PP presentation.

Again this proposal has placed in 291st SEAC meeting held on 2.7.2022. The PP has made the representation along with said clarification and the SEAC noted that, the lease period is 30 years. The Scheme of mining -II is for the period of 5 years and the total quantity not to exceed ROM- 18,041 M³ & 4510 M³ of colour Granite . The Annual peak production ROM- 3647 M³ (3rd year) & 912 M³ of colour Granite (3rd year) with ultimate depth 30m AGL.

Based on the presentation made by the proponent, SEAC recommends to grant of Environmental Clearance for the production, subject to the standard conditions & 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 No. S.O. 1807(E) Dt12.4.2022.
2. The existing conditions as mentioned in the EC vide Lr.No.SEIAA-TN/F.No. 1259/EC/1(a)/1805/2014, dated.27.03.2015 and Letter No.SEIAA/TN/F.No.1259/EC/1(a)/4276/2014, dt.28.08.2020 is remains unaltered.
3. The Project proponent shall install a Display Board at the entrance of the mining lease area/abutting the public Road, about the project information as shown in the Appendix -II of this Minutess.
4. As accepted by the Project proponent the CER cost is Rs. 2 lakhs and the amount shall be spent for the committed activities in Govt Scholl in Thatrahalli Village as committed, before obtaining CTO from TNPCB.


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Agenda No: 291-36

(File No: 9089/2022)

Proposed Rough stone & gravel quarry lease over an extent of 3.96.0 Ha S.F.Nos.799/1, 800 and 802/3 Karamadai Village, Mettupalayam Taluk, Coimbatore District, Tamil Nadu by Thiru K. Sundararaj - For Terms of Reference.

(SIA/TN/MIN/73535/2022 Dt: 12.03.2022)

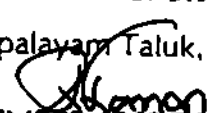
The proposal was placed in 291st SEAC meeting held on 2.7.2022. The project proponent has given a detailed presentation. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The project proponent gave detailed presentation. SEAC noted the following:

1. The Project Proponent, Thiru K. Sundararaj has applied for Terms for Reference for the Rough stone & gravel quarry lease over an extent of 3.96.0 Ha S.F.Nos.799/1, 800 and 802/3 Karamadai Village, Mettupalayam Taluk, Coimbatore District, Tamil Nadu.
2. The project/activity is covered under Category "B1" 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 year. The production as per mining plan for 5 years not to exceed -645325 m³ of Rough Stone, 54320 m³ of gravel and 54320 m³ of Weathered Rock. The Annual peak production as per mining plan is 1,39,560 m³ of Rough Stone(4th year), 22704m³ of gravel(1st year) and 22184 m³ of Weathered Rock (1st year) with ultimate depth of 54m AGL.
4. Earlier, this proposal was placed in 274th SEAC meeting held on 19.5.2022. Based on the presentation made by the proponent and the documents furnished, Considering the environment setting of the proposed site, SEAC decided to carry out on site inspection by the subcommittee constituted by SEAC.
5. The sub-committee is composed of Thiru.D. Velazhagan, Member, SEAC and Dr. B.Gowtham, Member, SEAC. The sub-committee members were accompanied by Thiru. S. Vinesh S/o Thiru. K. Sundararaj (Proponent) during the mine visit on 22.05.2022.

Observations Made by the Sub-Committee:

The proposed mine for quarry Rough Stone and Gravel falls within lease area over an Extent of 3.96.0 Ha at S.F. Nos. 799/1, 800 & 802 /3 of Karamadai Village, Mettupalayam Taluk, Coimbatore District, Tamil Nadu


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- The proposed mine is a patta land owned by the Proponent.
- This patta land is a hillock which is surrounded by Government Poramboke lands.
- The top surface of the hillock is completely flat and free from the vegetative cover whereas the thick vegetation is found in the entire dipping sides .
- A lease expired mine owned by M/s. Venkateshwara Blue Metals is seen in the south western direction of the proposed mine .
- Another proposed mine owned by the same Proponent is observed in the eastern direction of this proposed mine which is also mentioned in the Approved Mining Plan.
- The nearest habitation is located in the south eastern direction in a distance of 450 m.
- The proposed patta land is not fenced by the patta boundary is surrounded by pillars to clearly demarcate the patta land.
- One stone crusher unit is located in the north western direction of the proposed mine

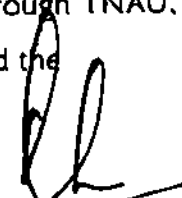
RECOMMENDATIONS

The SEAC sub-committee members after visiting the site recommends TERMS OF REFERENCE (ToR) to the proposed mine subject to certain conditions.

This proposal has again been placed in 291st SEAC meeting held on 1.7.2022 Based on the presentation made by the proponent and subcommittee report SEAC recommended to grant of Terms of Reference (TOR) with Public Hearing subject to the following TORs, in addition to the standard terms of reference for EIA study for non-coal mining projects and details issued by the MOEF & CC to be included in EIA/EMP Report:

1. The ultimate depth of the mine should be restricted to the Proposed Depth of 54 M, AGL.
2. A Reversed Quantity To Be Excavated has to be prepared as per the depth reduction and same should be presented during EIA presentation.
3. The proponent should conduct a complete Biodiversity studies through TNAU, Coimbatore to find out the impact of flora and fauna in and around the


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- proposed site due to quarrying activity and should submit during the final presentation along with EIA study.
4. The PP shall produce the land ownership details for the last 50 years along with EIA report.
 5. Since the proposed quarry is surrounded by the Govt. land, the PP shall furnish the NOC from District Collector/DRO to accesses the Govt land.
 6. It has to be ensured Western Ghats Preservation and HACA area clearance during the EIA presentation.
 7. The proposed mine should be completely fenced and entry to general public may be ensured.
 8. The proponent should ensure of using controlled non electric shock tube blasting technique during the quarrying processes.
 9. The proponent should give the details of trees to be cut for mining operation and around 1000 trees have to be planted around the mining area before start of the quarrying.
 10. The proposed quarry during the operations should strictly follow the mining planning approved by the AD, mines.
 11. 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 prepare and submit an 'Action Plan' for carrying out the realignment of the benches in the proposed quarry lease after it is approved by the concerned Asst. Director of Geology and Mining during the time of appraisal for obtaining the EC.
 12. 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.
 13. 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.
 14. The PP shall present a conceptual design for carrying out only controlled blasting operation involving line drilling and muffle blasting in the proposed


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quarry such that the blast-induced ground vibrations are controlled as well as no fly rock travel beyond 30 m from the blast site.

15. 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.
16. 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,
- a) What was the period of the operation and stoppage of the earlier mines with last work permit issued by the AD/DD mines?
 - b) Quantity of minerals mined out.
 - c) Highest production achieved in any one year
 - d) Detail of approved depth of mining.
 - e) Actual depth of the mining achieved earlier.
 - f) Name of the person already mined in that leases area.
 - g) If EC and CTO already obtained, the copy of the same shall be submitted.
 - h) Whether the mining was carried out as per the approved mine plan (or EC if issued) with stipulated benches.
17. 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).
18. The PP shall carry out Drone video survey covering the cluster, Green belt , fencing etc.,
19. 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.
20. 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
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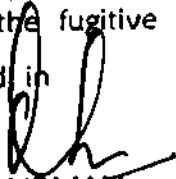
- surrounding environment and the remedial measures for the same.
21. The Project Proponent shall provide the Organization chart indicating the appointment of various statutory officials and other competent persons to be appointed as per the provisions of Mines Act'1952 and the MMR, 1961 for carrying out the quarrying operations scientifically and systematically in order to ensure safety and to protect the environment.
 22. The Project Proponent shall conduct the hydro-geological study considering the contour map of the water table detailing the number of ground water 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.
 23. 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.
 24. 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.
 25. Rain water harvesting management with recharging details along with water balance (both monsoon & non-monsoon) be submitted.
 26. 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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27. 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.
28. 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.
29. 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.
30. Impact on local transport infrastructure due to the Project should be indicated.
31. 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.
32. A detailed mine closure plan for the proposed project shall be included in EIA/EMP report which should be site-specific.
33. Public Hearing points raised and commitments of the Project Proponent on the same along with time bound Action Plan with budgetary provisions to implement the same should be provided and also incorporated in the final EIA/EMP Report of the Project and to be submitted to SEIAA/SEAC with regard to the Office Memorandum of MoEF& CC accordingly.
34. The Public hearing advertisement shall be published in one major National daily and one most circulated vernacular daily.
35. The PP shall produce/display the EIA report, Executive summary and other related information with respect to public hearing in Tamil Language also.
36. 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.
37. The purpose of Green belt around the project is to capture the fugitive emissions, carbon sequestration and to attenuate the noise generated in


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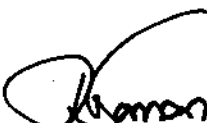
addition to improving the aesthetics. A wide range of indigenous plant species should be planted as given in the **appendix-I** in consultation with the DFO, State Agriculture University. The plant species with dense/moderate canopy of native origin should be chosen. Species of small/medium/tall trees alternating with shrubs should be planted in a mixed manner.

38. Taller/one year old Saplings raised in appropriate size of bags, preferably eco-friendly 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
39. 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.
40. 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.
41. 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.
42. 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.
43. 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.
44. Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.


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45. 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.
46. 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.
47. 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.
48. 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 - I

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


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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, Tamil Nadu .
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 PP shall carryout the plantation as committed within one year after commencement of operation.
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 with 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
14. 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


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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.

15. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
16. 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 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.
17. The proponent shall provide sedimentation tank / settling tank with adequate capacity for runoff management.
18. 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.


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19. 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.
20. 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.
21. 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.
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 MMRD, 1956, the MCDR 2017 and Tamil Nadu 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. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wildlife as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance, as per the existing law from time to time.
27. All the conditions imposed by the Assistant/Deputy Director, Geology & Mining concerned District in the mining plan approval letter and the Pre-closure area


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

28. The Project proponent shall install a Display Board at the entrance of the mining lease area/abutting the public Road if applicable, about the project as per Appendix -II of this Minutes.


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Appendix -I
List of Native Trees Suggested for Planting

No	Scientific Name	Tamil Name	Tamil Name
1	<i>Aegle marmelos</i>	Vilvam	விலவம்
2	<i>Adenanthe pavonina</i>	Marjadi	மஞ்சள் பூவிலக்கிப்பூவன்
3	<i>Albizia lebeck</i>	Vaagai	வாகை
4	<i>Albizia amara</i>	Uthi	உதி
5	<i>Bauhinia purpurata</i>	Mandara	மந்தாரை
6	<i>Bauhinia variegata</i>	Aadu	ஆடா
7	<i>Bauhinia tomentosa</i>	Iravathi	இரவத்தி
8	<i>Buchanania axillaris</i>	Kattama	கட்டாமா
9	<i>Borassus flabellifera</i>	Parai	பரை
10	<i>Butea monosperma</i>	Marudkamaram	மருடகாமரம்
11	<i>Butea orba</i>	Ilavu, Sevvilavu	இலவு
12	<i>Calophyllum inophyllum</i>	Pumai	புமை
13	<i>Cassia fistula</i>	Sarakondrai	சரகண்டிரை
14	<i>Cassia roxburghii</i>	Sengondrai	செங்கண்டிரை
15	<i>Clerodendron splendens</i>	Puzamaram	புழாமரம்
16	<i>Cedrospermum religiosum</i>	Kongu, Marjallavaru	கொங்கு, மஞ்சள் இலவு
17	<i>Cordia dichotoma</i>	Nannuli	நன்னிலி
18	<i>Croton adansoni</i>	Mayalangum	மயலங்கம்
19	<i>Dillenia indica</i>	Uva, Uzha	உவா
20	<i>Dillenia pentagyna</i>	Sinulva, Sitrucha	சினுலா
21	<i>Diospyros cotinifolia</i>	Nannigali	நன்னிகலி
22	<i>Diospyros cilirostris</i>	Vagana	வாகனா
23	<i>Elaeagnus parvifolia</i>	Kallachi	கலாச்சி
24	<i>Hibiscus tiliaceus</i>	Aarupoorarasu	ஆரூபூரரசு
25	<i>Hasthickia binata</i>	Aacha	ஆச்சா
26	<i>Holoptelia integrifolia</i>	Aavil	ஆவில
27	<i>Lantana camara</i>	Odham	ஒதம்
28	<i>Lagerströmia speciosa</i>	Poo Marudhu	பூ மருது
29	<i>Leucaena tetraphylla</i>	Neikottaimaram	நெகோட்டைமரம்
30	<i>Limonia acidissima</i>	Vilamaram	விலாமரம்
31	<i>Litsea glutinosa</i>	Pimpattai	பிம்பட்டை
32	<i>Madhuca longifolia</i>	Iluppai	இலுப்பை
33	<i>Mankara hexandra</i>	UlakkaiPaalai	உலக்கைபாலை
34	<i>Mimusops elengi</i>	Magizhamaram	மகிழாமரம்
35	<i>Mitrasyna parvifolia</i>	Kadanbu	கடம்பு
36	<i>Morinda pubescens</i>	Nuna	நுனா
37	<i>Morinda citrifolia</i>	Vellu Nuna	வெல்லு நுனா
38	<i>Phoenix sylvestris</i>	Eachi	ஏச்சி
39	<i>Pongamia pinnata</i>	Pungam	புங்கம்


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40	<i>Premna mollissima</i>	Munnai	முன்னை
41	<i>Premna serratifolia</i>	Narumunnai	நடு முன்னை
42	<i>Premna tomentosa</i>	Malaipoovarasu	மலை பூவரசு
43	<i>Prosope cinerea</i>	Vannu marani	வன்னி மரம்
44	<i>Pterocarpus marmoratus</i>	Vengai	வேங்கை
45	<i>Pterospermum canescens</i>	Vennangu, Tada	வேண்ணாங்கு
46	<i>Pterospermum xylocarpum</i>	Polaru	புலரு
47	<i>Psidium cattleianum</i>	Karipala	கற்பலா
48	<i>Salvadora persica</i>	Ugaa Maram	உகா மரம்
49	<i>Sapindus emarginatus</i>	Maripungan, Soarudai	மாணிப்புங்கன் சோரூதாய்
50	<i>Sarcococca</i>	Atoca	அடோகா
51	<i>Sterculia asper</i>	Piray marani	பிராய் மரம்
52	<i>Strychnos nuxvomica</i>	Yetti	யெட்டி
53	<i>Strychnos potatorum</i>	Therthang Kottai	தேத்தாங் கோட்டை
54	<i>Syzygium cumini</i>	Naval	நாவல்
55	<i>Terminalia bellerica</i>	Thandri	தாண்டரி
56	<i>Terminalia arjuna</i>	Ven marudhu	வேண் மருது
57	<i>Tecoma elata</i>	Sandhara vembu	சந்தரா வேம்பு
58	<i>Theophrasta populnea</i>	Puvarasu	பூவரசு
59	<i>Walsura trifoliata</i>	valsura	வால்சுரா
60	<i>Wrightia tinctoria</i>	Veppalai	வேப்பலா
61	<i>Pithecellobium dulce</i>	Kodukkapuli	கோடுக்காபுளி


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

-----கரங்கம்

கரங்கங்களில் குவாரி செயல்பாடுகளுக்கான கற்றுத்தழல் அனுமதி கீழ்க்கண்ட நிபந்தனைகளுக்கு உட்பட்டு வழங்கப்பட்டுள்ளது: (1) ----- தேதியிடப்பட்டு கற்றுத்தழல் அனுமதி ----- தேதி வரை செல்லத்தக்கதாக உள்ளது.

பகமை பகுதி வளர்ச்சி	குவாரியின் எல்லையைக் கற்றி வேலி அமைக்க வேண்டும்
மேம்பாட்டுக்கான கரங்கத் திட்டம்	கரங்கப்பாடலின் கீழ் தரைமட்டத்திலிருந்து ... மீட்டர்கள் பீகாய் இடுக்க வேண்டும்
	கற்றில் மாக ஏற்படாதவாறு கரங்க பணிகளை மேற்கொள்ள வேண்டும்.
நடப்பட்டு	வாகனங்கள் செல்லும் பாதையில் மாக ஏற்படாத அளவிற்கு தண்ணீரை முனையாக
பராமரிக்கப்பட வேண்டிய மரங்கள்	தண்ணீர் லாரிகளின் மூலமாக அவ்வப்போது தெளிக்க வேண்டும்
எண்ணிக்கை:	இளரச்சல் அளவையும் ஓரி மாகபாட்டையும் குறைப்பதற்காக குவாரியின் எல்லையை
	அற்றி அடர்த்தியான பகமை பகுதியை ஏற்படுத்த வேண்டும்
கரங்கத்தில் வெடி வைக்கும்பொழுது நிலஅதிர்வுகள் ஏற்படாதவாறும் மற்றும் கற்கள் பறக்காதவாறும் பாதுகாப்பு	
நடவடிக்கைகளை உள்ளிப்பாக செயல்படுத்தப்பட வேண்டும்	
கரங்கத்தில் இருந்து ஏற்படும் இளரச்சல் அளவு 85 டெசிபெல்ஸ் (dBA) அளவிற்கு மேல் ஏற்படாதவாறு தகுந்த கட்டுப்பாடுகளை	
மேற் கொள்ள வேண்டும்.	
கரங்க சட்ட விதிகள் 1955ன் கீழ் கரங்கத்தில் உள்ள பணியாளர்களுக்கு தகுந்த பாதுகாப்பு கருவிகள் வழங்குவதோடு	
கொதாரமுள்ள கழிப்பறை வசதிகளை செய்து தர வேண்டும்.	
கிராமம் தல்லது பஞ்சாயத்து வசியாக வாகனங்கள் செல்லும் சாலைவையை தெளர்த்து நல்ல பராமரிக்க வேண்டும்.	
கரங்கப்பணிகளால் அருகில் உள்ள விவசாயப் பணிகள் மற்றும் நீர்நிலைகள் பாதிக்கப்படக் கூடாது.	
நீர்நிலைகள் பாதிக்கப்படாமல் இருப்பதை உறுதி செய்யும் வகையில் துவத்தல் நீர் தாதுகளை எடுத்து நீர் வளர்ச்சி வேண்டும்.	
கரங்கத்திலிருந்து கனம் பொருட்களை எடுத்துச் செல்லுதல் கிராம மக்களுக்கு எந்தத் சிரமத்தையும் ஏற்படுத்தாதவாறு	
பாதுகாப்போடும் மற்றும் கற்றுத்தழல் பாதிக்கவாத வண்ணம் வாகனங்களை இயக்க வேண்டும்	
கரங்கப்பணிகள் முடிக்கப்பட்டவுடன் கங்கமூடல் திட்டத்தில் உள்ளவாறு கரங்கத்தினை மூட வேண்டும்.	
கரங்க நடவடிக்கைகளை முடித்தபின்னர் கரங்கப் பகுதி மற்றும் கரங்க நடவடிக்கைகளால் இடைபூறு ஏற்படக்கூடிய	
வேறு எந்தப் பகுதியையும் மறுகட்டுமானம் செய்து தாவரங்கள் விலங்குகள் ஆகியவற்றின் வளர்ச்சிக்கு ஏற்ற வகையில்	
பகமைப்பகுதியை உருவாக்க வேண்டும்.	
(முடிவடையாத நிபந்தனைகளை அறிப பாரிவேஷம் (Barriwesham) என்ற இணையதளத்தை பார்வையிடவும் மேலும் எந்தவித	
கற்றுத்தழல் கருத்த பதார்த்தங்களை சென்னையில் உள்ள கற்றுத்தழல் மற்றும் வள அமைச்சகத்தின் முடிவின்மேல் வட்டார	
அலுவலகம்: 64 - 2822225 (அல்லது தமிழ்நாடு பாசு கட்டுப்பாடு வாரியத்தின் மாவட்ட கற்றுத்தழல் பொருட்களை அலுவலகம்)	


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