

STATE EXPERT APPRAISAL COMMITTEE – TAMIL NADU

Minutes of the 147th Meeting of the State Expert Appraisal Committee (SEAC) held on 6th March 2020 (Friday) for Appraisal of Building and Construction Projects, Townships and Area Development projects & Mining projects at ETI-Training Hall , 3rd Floor, Tamil Nadu Pollution Control Board , 76, Mount Salai, Guindy , Chennai-32

Agenda No.147-01-01

File No. 7345-2019

Proposed construction of 840 Tenements at S.No 22/1 & 22/2 at Puliyambedu Village, Poonamallee Taluk, Thiruvallur District by M/s. Tamil Nadu Slum Clearance Board – For Environmental Clearance.

(SIA/TN/MIS/133391/2019)

The proposal was placed in this 147th SEAC meeting held on 06.03.2020. The salient features of the project presented (furnished) by the proponent is enclosed in the annexure

The SEAC noted the following:

1. The Proponent, M/s. Tamil Nadu Slum Clearance Board has applied for Environmental Clearance for the Proposed construction of 870 Tenements at S.No 22/1 & 22/2 at Puliyambedu Village, Poonamallee Taluk, Thiruvallur District.
2. The project/activity is covered under Category “B” of Item 8(a) “Building and Construction Projects” of the Schedule to the EIA Notification, 2006.
3. The total plot area & built-up area of the proposal are 17100 sq.m and 36642.6 Sq.m. respectively. The total cost of the project is Rs.116.56 Crores.

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

Member Secretary

Chairman

1. The proponent shall obtain the land use classification certificate from DTCP for the Change in land use from “Punjai Anatheenam” to Primary Residential use zone before commencement of construction of the building.
2. Necessary permission shall be obtained from the competent authority for the drawl / outsourcing of fresh water before obtaining consent from TNPCB.
3. The proponent shall appoint an Environmental Engineer with necessary qualification for the operation and maintenance of STP (Sewage Treatment Plant).
4. The proponent has to get necessary permission from the competent authority for the disposal of excess treated Grey water and excess treated Sewage for the Avenue plantation before obtaining CTO from TNPCB.
5. The Proponent shall provide the dispenser for the disposal of Sanitary Napkins.
6. The proponent has to earmark the greenbelt area with dimension and GPS coordinates for the green belt area all along the boundary of the project site with at least 3 meter wide and the same shall be included in the layout out plan to be submitted for CMDA/DTCP approval.
7. All the mitigation measures committed by the proponent for the flood management, Solid waste disposal, Sewage treatment & disposal etc., shall be followed strictly.
8. Solar energy should be at least 10% of total energy utilization. Application of solar energy should be utilized maximum for illumination of common areas, street lighting etc.
9. The height of the stack of DG sets shall be provided as per the CPCB norms.
10. The project proponent shall continuously operate and maintain the Sewage treatment plant to achieve the standards prescribed by the TNPCB/CPCB.
11. The project proponent has to provide separate standby D.G set for the STP proposed for the continuous operation of the STP in case of power failure.
12. The Organic waste Generation is more than 1 T/day. Hence, the SEAC direct the project Proponent to provide Bio Methanation plant for the disposal of the

Organic waste instead of OWC. Non-Bio degradable waste to be regularly collected and disposed through TNPCB authorized recycler.

13. No waste of any type to be disposed of in any watercourse including drains, canals and the surrounding environment.
14. The safety measures proposed in the report should be strictly followed.
15. Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided by suitable planning.
16. The proponent shall submit the proposal for CER activity as per the office memorandum of MoEF& CC dated 01.05.2018, before placing the subject to SEIAA.

Agenda No. 147-01-02

File No. 528/2018

Proposal for the existing construction of Medical college at S.No 97/3, etc. at Samayapuram Village, Mannachannallur Taluk, Tiruchirapalli District by M/s. Srinivasan Health & Educational – For Environmental Clearance.

The proposal was placed in this 147th SEAC meeting held on 06.03.2020. The proposal was submitted under Violation Category. The SEAC was disappointed to note that there was no proper representative from the project proponent for the presentation along with the NABET accredited consultant to present the project details. Hence the SEAC directed the applicant of this project should come for presentation so as to understand the seriousness of the Environmental implications being a violation project.

Agenda No. 147-01-03

File No. 7251-2019

Proposed Gravel Quarry lease over an extent of 2.40.5 Ha in S.F.Nos. 22B/11, 22B/12C, 22B/10, 22B/14B, 22B/14C, 22B/14D, 22B/2 and 22B/3, Maruthakudi Village, Budalur Taluk, Thanjavur District, Tamil Nadu by Thiru. S. Panneerselvam – for Environmental Clearance.

(SIA/TN/MIN/ 45944/2019)

The proposal was placed in this 147th SEAC meeting held on 06.03.2020. The salient features of the project presented (furnished) by the proponent is enclosed in the annexure

The SEAC noted the following:

1. The Proponent, Thiru. S. Panneerselvam has applied for Environmental Clearance for the Proposed Gravel Quarry lease over an extent of 2.40.5 Ha in S.F.Nos. 22B/11, 22B/12C, 22B/10, 22B/14B, 22B/14C, 22B/14D, 22B/2 and 22B/3, Maruthakudi Village, Budalur Taluk, Thanjavur District.
2. The project/activity is covered under Category “B” of Item 1(a) “Mining of Minerals projects” of the Schedule to the EIA Notification, 2006.

Based on the presentation made by the proponent and the documents furnished, the committee decided to recommend the proposal to SEIAA for the issue of Environmental Clearance subject to the standard conditions in addition to the following conditions

1. Ground water quality monitoring should be conducted once in every Six months and the report should be submitted to TNPCB.
2. After mining is completed, proper levelling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
3. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wild life as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance.
4. The Project Proponent shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which might have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.

5. Proper barrier for reducing the Noise level shall be established like providing Green Belt all along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration.
6. The operation of the quarry should not affect the agriculture activities & water bodies near the project site.
7. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
8. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.
9. The proponent shall develop adequate green belt with native species on the periphery of the mine lease area before commencement of the mining activity, in consultation with DFO of the concern district/agriculture university.
10. The proponent shall provide the fencing around the boundary of the proposed area and shall furnish the photocopies of the same to TNPCB before commencement of the quarry.
11. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities.
12. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016,M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981 /2016, M.A.No.982/2016 & M.A.No.384/2017).
13. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of mining operation.

14. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mine.
15. The Environment Management plan proposed should be strictly adhered to water sprinkling, afforestation etc. for an amount of Rs. 2.75 lakhs shall be spent.
16. The CER fund of 2% from the total project cost shall be spent as per Office Memorandum of MoEF& CC dated 01.05.2018 before obtaining the CTO from TNPCB.
17. All the conditions stipulated in the precise are communication letter of District collector dated 05.03.2019 should be strictly followed.
18. The depth of the mining is restricted to only 2m from the ground level.

Agenda No. 147-01-04

File No.7209-2019

**Proposed Multi Colour Granite quarry lease over an extent of 2.39.5 Ha in S.F.Nos. 567/1, 567/3 & 567/5, Karandapalli Village, Denkanikottai Taluk, Krishnagiri District, Tamil Nadu by M/s. Sri Angalamman Granites – for Environmental Clearance.
(SIA/TN/MIN/ 44918/2019)**

The proposal was placed in this 147th SEAC meeting held on 06.03.2020. The salient features of the project presented (furnished) by the proponent is enclosed in the annexure

The SEAC noted the following:

1. The Proponent, M/s. Sri Angalamman Granites has applied for Environmental Clearance for the Proposed Multi Colour Granite quarry lease over an extent of 2.39.5 Ha in S.F.Nos. 567/1, 567/3 & 567/5, Karandapalli Village, Denkanikottai Taluk, Krishnagiri District.
 2. The project/activity is covered under Category “B” of Item 1(a) “Mining of Minerals projects” of the Schedule to the EIA Notification, 2006.
 3. The project site located at 4.0 km from the Cauvery North Wild Life Sanctuary.
- The proponent has submitted the acknowledgement for the submissions of

application for NBWL vide Proposal No. FP/TN/QRY/4263/2019 dated 19.06.2019.

Based on the presentation made by the proponent and the documents furnished, the committee decided to recommend the proposal to SEIAA for the issue of Environmental Clearance subject to the following conditions

1. Ground water quality monitoring should be conducted once in every Six months and the report should be submitted to TNPCB.
2. After mining is completed proper levelling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
3. The project site located at 4.0 km from the Cauvery North Wild Life Sanctuary. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wild life as applicable shall be obtained before starting the quarrying operation.
4. 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 which is fit for growth of fodder, flora, fauna etc.
5. Proper barrier for reducing the Noise level shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration.
6. The operation of the quarry should not affect the agriculture activities & water bodies near the project site.
7. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
8. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.

9. The proponent shall develop adequate green belt with native species on the periphery of the mine lease area before commencement of the mining activity, in consultation with DFO of the concern district/agriculture university.
10. The proponent shall provide the fencing around the boundary of the proposed area and shall furnish the photocopies of the same to TNPCB before commencement of the quarry.
11. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities.
12. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016,M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981 /2016, M.A.No.982/2016 & M.A.No.384/2017).
13. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of mining operation.
14. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mine.
15. The CER fund of 2% from the total project cost shall be spent as per Office Memorandum of MoEF& CC dated 01.05.2018 before obtaining the CTO from TNPCB.
16. The conditions stipulated by Director, Department of Geology and mining vide Rc.No.5882/MM5/2018 dated 08.11.2018 should be strictly followed.

Agenda No. 147-01-05

File No. 518

Member Secretary

Chairman

Proposal for the Construction of Medical Hospital building at 61/1, etc., Anuppanadi Village, Madurai South Taluk, Madurai District by M/s. Velammal Medical College & Hospital – For Environmental Clearance.

The proposal was placed in this 147th SEAC meeting held on 06.03.2020. The proponent has not turned up the appraisal meeting. Hence the SEAC decided to defer the proposal.

Agenda No. 147-01-06

File No. 7404-2020

**Proposed construction of industrial sheds and warehousing sheds at S.F.Nos 1202/2, 1203/1, 1203/1A, 1204/2B, 1214/2B, 1215, 1216/2, 1217, 1218/1B, 1223 etc. Vallur and Edayanchavadi Village, Ponneri Taluk, Thiruvallur District by M/s. Integrated Chennai Business Park (India) Private Limited – For Terms of Reference.
(SIA/TN/MIS/ 50244/2020)**

The proposal was placed in this 147th SEAC meeting held on 06.03.2020. The salient features of the project presented (furnished) by the proponent is enclosed in the annexure

The SEAC noted the following:

1. The Proponent, M/s. Integrated Chennai Business Park (India) Private Limited applied for Terms of Reference for the Proposed construction of industrial sheds and warehousing sheds at S.F.Nos 1202/2, 1203/1, 1203/1A, 1204/2B, 1214/2B, 1215, 1216/2, 1217, 1218/1B, 1223 etc. Vallur and Edayanchavadi Village, Ponneri Taluk, Thiruvallur District
2. The project/activity is covered under Category “B” of Item 8(b) “Township and Area development Projects” of the Schedule to the EIA Notification, 2006.
3. The total plot area & built-up area of the proposal are 505340 sq.m and 2,42815 Sq.m. The total cost of the project is Rs.391.0Crores.

Based on the presentation made by the proponent and the document furnished, the SEAC decided to recommend the proposal for the grant of Terms of Reference (ToR) to

Member Secretary

Chairman

SEIAA subject to the following specific Terms of Reference in addition to the standard ToR:

1. The proponent shall carry out the Risk Assessment Study based on the MSDS of the individual chemicals during handling/Solvent storage/Storage of chemicals.
2. The proponent shall obtain the approval from the competent authority for the extraction of Ground water.
3. The contour levels of the proposed site shall be measured and contour map may be furnished.
4. A detailed storm water plan to drain out the water from site shall be prepared in accordance with the contour levels of the proposed project site considering the flood occurred in the year 2015 and also considering the surrounding development.
5. The proponent shall revise the water balance as per the MoEF& CC guidelines
6. The layout plan furnished for the greenbelt area earmarked with GPS coordinates by the project proponent on the periphery of the site and the same shall be submitted for CMDA/DTCP approval.
7. The space allotment for solid waste disposal and sewage treatment shall be furnished.
8. Details of Solid Waste management plan shall be prepared as per Solid waste management Rules, 2016 and shall be furnished.
9. Details of Rainwater harvesting system proposed should be furnished.
10. The Proponent shall assess and include the Solid waste Generation and Hazardous waste Generation due to the expired chemicals
11. The Proponent shall carry out the AAQ & ANL survey in minimum six places & minimum 6 groundwater samples of Surface Water Quality to be analysed.
12. The Proponent shall carry out the Traffic Study at minimum two places.
13. The Proponent shall carry out the assessment and modelling study on Fugitive Emission and analyse the impact of the same.

14. The Proponent shall furnish the Cumulative impact study considering the Ash Pond located nearby the boundary of the site.
15. The Proponent shall carryout a Cumulative impact study for soil, water, air etc. and furnish the report.
16. The project site is near to the ash pond of the TANGEDCO. Hence, the safety distance proposed from the ash pond to the boundary of the site and from the boundary of the site to the shed shall be furnished in detail along with the layout plan.
17. The project proponent shall obtain a letter from the competent Authority that the proposed project does not attract CRZ area.
18. The Proponent shall furnish the detailed water balance as per the MoEF& CC guidelines
19. A register, village map with FMB sketch shall be furnished to check the contiguous nature of the site.
20. CER proposal as per Office Memorandum of MoEF& CC dated 01.05.2018

Agenda No. 147-01-07

File No. 7258-2019

Proposed Rough Stone quarry over an extent of 4.77.5 Ha in S.F.Nos. 589(P), Thoppampatti Village, Palani Taluk, Dindigul District, Tamil Nadu by Thiru. K. Ganesh – For Environmental Clearance.

(SIA/TN/MIN/ 46094/2019)

The proposal was placed in the 147th SEAC meeting held on 06.03.2020. The salient features of the project presented (furnished) by the proponent is enclosed in the annexure

The SEAC noted the following:

1. The Proponent, Thiru. K. Ganesh has applied for Environmental Clearance for the proposed Rough Stone quarry lease over an extent of 4.77.5 Ha in S.F.Nos. 589(P), Thoppampatti Village, Palani Taluk, Dindigul District, Tamil Nadu.

Member Secretary

Chairman

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

Based on the presentation made by the proponent and the documents furnished, the committee decided to recommend the proposal to SEIAA for the issue of Environmental Clearance subject to the following conditions

1. Ground water quality monitoring should be conducted once in every Six months and the report should be submitted to TNPCB.
2. The proponent shall ensure that water bodies which are located nearby quarry should not be disturbed/ damaged due to the activity of this quarry.
3. After mining is completed proper levelling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
4. The proponent shall provide the fencing around the boundary of the proposed area and shall furnish the photocopies of the same before obtaining the CTO from TNPCB.
5. 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 which is fit for growth of fodder, flora, fauna etc.
6. Proper barrier for reducing the Noise level shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration.
7. The operation of the quarry should not affect the agriculture activities & water bodies near the project site.
8. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.

9. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.
10. The proponent shall develop adequate green belt with native species on the periphery of the mine lease area before commencement of the mining activity, in consultation with DFO of the concern district/agriculture university.
11. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities.
12. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016,M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981 /2016, M.A.No.982/2016 & M.A.No.384/2017).
13. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wild life as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance.
14. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of mining operation.
15. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mine.
16. The CER fund of 2% from the total project cost shall be spent as per Office Memorandum of MoEF& CC dated 01.05.2018 before obtaining the CTO from TNPCB.

Agenda No. 147-01-08

File No. 4733

Existing Multi Colored quarry lease over an extent of 6.55.0 Ha in S.F.Nos. 1158/4,5,1162/1,2,3,4,5,1163/6,7 and 1165/1, Irudukottai Village, Denkanikottai Taluk,

Member Secretary

Chairman

Krishnagiri District, Tamil Nadu by Thiru.D.Mathiazhagan – Amendment in the Environmental Clearance.

The proposal was placed in this 147th SEAC meeting held on 06.03.2020. The proponent has informed the following:

1. The Environmental Clearance has been issued by the State Level Environmental Impact Assessment Authority (SEIAA), Tamil Nadu vide Lr. No. SEIAA-TN/F.No.4733/EC/1 (a)/2820/2015, Dated: 08.02.2016 for Quarrying of Multi-Coloured Granite Quarry located at S.F.No. 1158/4,5, 1162/1,2,3,4,5, 1163/6,7 and 1165/1, Irudukottai Village, Denkanikottai Taluk, Krishnagiri District for the approved quantity of 5,610 m³ to a depth of 7m (5m Multi Colour Granite & 2m Topsoil) below ground level.
2. The Multi-Coloured Granite Quarrying Lease was granted vide G.O. (3D) No.20, Industries (MME.2) Department; dated 12.02.2016 and the Lease Deed was executed on 03.03.2016 (valid upto 02.03.2036).
3. After started the quarrying operations, it was found that the anticipated cracks were very low and the rate of recovery proved to be 65%, which ends up in higher production of Multi-Coloured Granite than the quantity approved in EC.
4. The modified mining plan was prepared and got approval from the Director, Department of Geology and Mining, Guindy, Chennai Letter No. 7910/MM4/2019, dated 07.02.2020 for revised quantity of 30,932m³ @65% recovery for the remaining plan period i.e., 2019-20 to 2020-21.

The proponent requested for Amendment of Environmental Clearance Order Quantity from 5160 m³ of Multi-Coloured Granite @ 10-20% recovery to now proved reserves of 30932 m³ of Multi-Coloured Granite @ 65% recovery.

The applicant clarified that –

- There is NO change in ROM proposed
- There is NO extension for Environmental Clearance Validity
- There is NO increase in Manpower & Machinery Deployed

- Only the estimated recovery @ 10% (as approved earlier) has enhanced to 65% for which modified mining plan has been prepared and got approved by the Director of Geology and Mining, Guindy, Chennai

“The Amendment in Environmental Clearance is requested only for the period mentioned in the Environmental Clearance earlier issued and the proponent assures to quarry till the EC period only i.e., till 02.03.2021”.

After detail deliberations, the SEAC decided to recommend to SEIAA for issue of amendment in environment clearance issued to the unit vide Lr. No. SEIAA-TN/F.No.4733/EC/1 (a)/2820/2015, Dated: 08.02.2016 for the modified mining plan approved by the Director, Department of Geology and Mining, Guindy, Chennai Letter No. 7910/MM4/2019, dated 07.02.2020 for revised quantity of 30,932 m³ and the validity of the EC remains the same and without increasing the depth of mining from the earlier EC.

Agenda No. 147-01-09

File No. 7463

Proposed construction of Residential Apartment at T.S. No. 807/2 and 808/1, Egmore Village, Egmore Taluk, Chennai District by M/s. Tamil Nadu Slum Clearance Board – For Environmental Clearance.

The proposal was placed in this 147th SEAC meeting held on 06.03.2020. The salient features of the project presented (furnished) by the proponent is enclosed in the annexure

The SEAC noted the following:

1. The Proponent, M/s. Tamil Nadu Slum Clearance Board has applied for Environmental Clearance for the proposed construction of Residential tenements at Egmore Village, Egmore Taluk, Chennai District, Tamil Nadu.
2. The project/activity is covered under Category “B” of Item 8(a) “Building and Construction Projects” of the Schedule to the EIA Notification, 2006.

Member Secretary

Chairman

Based on the presentation made by the proponent and the documents furnished, the committee instructed the project proponent to furnish the following details:

1. The details of the demolished waste quantity, how it is disposed, NOC/ certificate obtained from COC for the demolishing shall be furnished.
2. The proponent shall revise the Water & Waste Water balance according to the MoEF&CC guidelines.
3. The proponent shall obtain the permission from the competent authority for the supply of fresh water.
4. The proponent shall appoint the Environmental Engineer for maintenance of STP (Sewage Treatment Plant) to operate MBBR.
5. The Proponent shall explore the possibility of utilizing the treated sewage for the Green Belt Development and other uses instead of disposing into the Underground Drainage System (UGDS) line and the proponent shall furnish the detail of the disposal of the treated sewage and NOC for the same.
6. The Proponent shall provide the dispenser for the disposal of Sanitary Napkins
7. The Proponent shall submit the proposal for the disposal of the Solid waste Generation.
8. The Proponent shall revise the treatment system provided for the grey water treatment and the capacity, size and dimension of the each components shall be furnished along with adequacy report approved by the reputed institution
9. On receipt of the above details, the SEAC decided to direct the proponent make a presentation for the further course of action on the proposal.

Agenda No. 147-01-10

File No. 7315-2019

Proposed Rough Stone quarry lease over an extent of 2.00.0 Ha in S.F.Nos. 146(Part - 2A), Mallapuram Village, Sankarapuram Taluk, Villuppuram District, Tamil Nadu by Thiru. S. Imran – For Environmental Clearance.

(SIA/TN/MIN/129772/2019)

Member Secretary

Chairman

The proposal was placed in this 147th SEAC meeting held on 06.03.2020. The salient features of the project presented (furnished) by the proponent is enclosed in the annexure

The SEAC noted the following:

1. The Proponent, Thiru. S. Imran has applied for Environmental Clearance for the Proposed Rough Stone quarry lease over an extent of 2.00.0 Ha in S.F.Nos. 146(Part - 2A), Mallapuram Village, Sankarapuram Taluk, Viluppuram District, Tamil Nadu.
2. The project/activity is covered under Category “B” of Item 1(a) “Mining of Minerals Projects” of the Schedule to the EIA Notification, 2006.

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

1. The proponent shall furnish the following details from AD/DD, mines of concern District to ensure no violation file is appraised under normal cases.
 - 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) Detail of approved depth of mining.
 - d) Actual depth of the mining achieved earlier
 - e) Name of the person already mined in that leases area.
 - f) If EC and CTO already obtained and its compliance report from competent authority.
2. The SEAC noted that the Letter obtained from the Assistant Director, Department of Geology and Mining, Villupuram District for the details of quarries are situated within 500 meter radial distance from the area applied for the grant of Rough Stone and Gravel quarry lease is not in the order. Hence the proponent may be obtained the updated letter from the Assistant Director, Department of Geology and Mining, Villupuram District for the details of proposed quarries, existing

quarries and abandoned quarries situated in 500m as per the MoEF&CC notification dated 01.07.2016(S.O No.2269.) If the cluster within 500 meter radial distance from the proposed mine lease area approved, the proponent may apply for Terms of Reference, if the mine cluster area is more than 5Ha.

On receipt of the above details, the SEAC decided to take for the further course of action on the proposal.

Agenda No. 147-01-11

File No. 7407-2020

Proposed Rough Stone quarry lease over an extent of 4.10.5 Ha in S.F.Nos. 48/6B, 48/7 and 13/1A, 1B, 1C, 13/3, Udaiyalipatti and Kunrandarkoli Village, Kulathur Taluk, Pudukkottai District, Tamil Nadu by Tmt.Parameswari – For Environmental Clearance. (SIA/TN/MIN/138013/2020)

The proposal was placed in this 147th SEAC meeting held on 06.03.2020. The salient features of the project presented (furnished) by the proponent is enclosed in the annexure

The SEAC noted the following:

1. The Proponent, Tmt. Parameswari has applied for Environmental Clearance for the Proposed Rough Stone quarry lease over an extent of 4.10.5 Ha in S.F.Nos. 48/6B, 48/7 and 13/1A, 1B, 1C, 13/3, Udaiyalipatti and Kunrandarkoli Village, Kulathur Taluk, Pudukkottai District, Tamil Nadu
2. The project/activity is covered under Category “B” of Item 1(a) “Mining of Minerals Projects” of the Schedule to the EIA Notification, 2006.

Based on the presentation made by the proponent and the documents furnished, the committee decided to recommend the proposal to SEIAA for the issue of Environmental Clearance subject to the following conditions

Member Secretary

Chairman

1. Ground water quality monitoring should be conducted once in every Six months and the report should be submitted to TNPCB.
2. After mining is completed, proper levelling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
3. The proponent shall provide the fencing around the boundary of the proposed area and shall furnish the photocopies of the same before obtaining the CTO from TNPCB.
4. 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 which is fit for growth of fodder, flora, fauna etc.
5. Proper barrier for reducing the Noise level shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration.
6. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wild life as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance.
7. The operation of the quarry should not affect the agriculture activities & water bodies near the project site.
8. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
9. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.
10. The proponent shall develop adequate green belt with native species on the periphery of the mine lease area before commencement of the mining activity, in consultation with DFO of the concern district/agriculture university.

11. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities.
12. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016,M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981 /2016, M.A.No.982/2016 & M.A.No.384/2017).
13. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of mining operation.
14. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mine.
15. The CER fund of 2% from the total project cost shall be spent as per Office Memorandum of MoEF& CC dated 01.05.2018 before obtaining the CTO from TNPCB.

Agenda No. 147-01-12

File No. 7275-2019

Proposed Gravel quarry over an extent of 3.75.0 Ha in S.F.Nos. 218/1A, 218/2A, 218/3A, 227/1, 227/2, 228/2, 231/4A & 231/4B, Sudiur Village, Paramakudi Taluk, Ramanathapuram District, Tamil Nadu by Thiru. U. Vinoth Kumar – For Environmental Clearance.

(SIA/TN/MIN/125993/2019)

The proposal was placed in this 147th SEAC meeting held on 06.03.2020. The salient features of the project presented (furnished) by the proponent is enclosed in the annexure

Member Secretary

Chairman

The SEAC noted the following:

1. The Proponent, Thiru. U. Vinoth Kumar applied for Environmental Clearance for the Proposed Gravel quarry lease over an extent of 3.75.0 Ha in S.F.Nos. 218/1A, 218/2A, 218/3A, 227/1, 227/2, 228/2, 231/4A & 231/4B, Sudiyr Village, Paramakudi Taluk, Ramanathapuram District, Tamil Nadu
2. The project/activity is covered under Category “B” of Item 1(a) “Mining of Minerals Projects” of the Schedule to the EIA Notification, 2006.

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

1. The SEAC noted that the Letter obtained from the Assistant Director, Department of Geology and Mining, Ramanathapuram District for the details of quarries are situated within 500 meter radial distance from the area applied for the grant of Rough Stone and Gravel quarry lease is not in the order. Hence the proponent may obtain the updated letter from the Assistant Director, Department of Geology and Mining, Ramanathapuram for the details of proposed quarries, existing quarries and abandoned quarries situated in 500m as per the MoEF&CC notification dated 01.07.2016(S.O No.2269.) If the cluster within 500 meter radial distance from the proposed mine lease area approved, the proponent should apply for Terms of Reference, if the mine cluster area is more than 5Ha.
2. The proposed site is located very nearby the Vaigai River (520m), and seasonal odai. Hence the proponent shall conduct a detailed hydro-geological study for the same and furnish the report accordingly.

On receipt of the above details, the SEAC decided to take for the further course of action on the proposal.

Agenda No. 147-01-13

File No. 7288-2019

Member Secretary

Chairman

Proposed Rough stone & Gravel quarry over an extent of 2.38.0 Ha in S.F.Nos. 280/6, Anaikulam Village, Veerakeralampudur Taluk, Tirunelveli District, Tamil Nadu by Thiru. P. Rajendran – For Terms of Reference.

(SIA/TN/MIN/ 45471/2019)

The proposal was placed in this 147th SEAC meeting held on 06.03.2020. The salient features of the project presented (furnished) by the proponent is enclosed in the annexure

The SEAC noted the following:

1. The Proponent, Thiru. P. Rajendran applied for Terms of Reference for the Proposed Rough stone & Gravel quarry lease over an extent of 2.38.0 Ha in S.F.Nos. 280/6, Anaikulam Village, Veerakeralampudur Taluk, Tirunelveli District, Tamil Nadu
2. The project/activity is covered under Category “B” of Item 1(a) “Mining of Minerals Projects” of the Schedule to the EIA Notification, 2006.

Based on the presentation gave by the project proponent and document furnished by the project proponent, the SEAC decided to recommend the proposal for the grant of Terms of Reference (ToR) to SEIAA with Public Hearing, subject to the following specific conditions in addition to the points mentioned in the standard terms of reference for conducting environment impact assessment study for non-coal mining projects and information to be included in EIA/EMP report issued by the MoEF&CC

1. The proponent shall furnish the contour map of the water table detailing the number of wells located around the site and impacts on the wells due to mining activity.
2. The Proponent shall conduct a detailed hydro-geological study and furnish the report accordingly.
3. The Proponent shall conduct the Cumulative impact study on the Agricultural area due to Mining, Crushers and other activities around the site area.
4. The details of surrounding well and the cumulative impact on the ground water shall be part of EIA study.

Member Secretary

Chairman

5. The Socio economic studies should be carried out within 10 km buffer zone from the mines.
6. A detailed report on the green belt development already undertaken is to be furnished. They should also submit the proposal for green belt activities for the proposed mine(s).
7. CER activities should be carried out taking into consideration the requirement of the local habitants available within the buffer zone as per Office Memorandum of MoEF & CC dated 01.05.2018.
8. A Detailed mining closure plan for the proposed project shall be submitted.
9. A detail report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining for drilling and blasting shall be submitted.
10. The recommendation for the issue Terms of Reference is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016,M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981 /2016, M.A.No.982/2016 & M.A.No.384/2017).

Agenda No. 147-01-14

File No. 7341-2019

Proposed Rough stone & Gravel quarry over an extent of 3.56.0 Ha in S.F.Nos. No 40/13C(P), 41/1B1A, 41/1B1B, 41/1B1C, 41/1B1C, 41/1B1E, 41/1B2A, 41/1B2B, 41/1B2C, 41/1B2D, 41/1B2E, 41/1B2F, 168/1B1, 168/1B2 & 168/2(P), Eyyil & Melnemili Village Melmalayanur Taluk, Viluppuram District, Tamil Nadu by Thiru. A. Rajadathan – For Environmental Clearance.

(SIA/TN/MIN/ 45047/2019)

The proposal was placed in this 147th SEAC meeting held on 06.03.2020. Based on the initial scrutiny of the document of the documents and discussion with the

Member Secretary

Chairman

proponent, the SEAC noted that the consent agreement for land with survey numbers of 40/1C and 168/2 was not registered. Hence SEAC decided to defer the proposal

On receipt of the above details, the SEAC decided to take for the further course of action on the proposal.

Agenda No. 147-01-15

File No. 7322-2019

Proposed Sand quarry over an extent of 2.25.0 Ha in S.F.Nos. 1(P), Kothangudi Village, Kumbakonam Taluk, Thanjavur District, Tamil Nadu by Executive Engineer – For Environmental Clearance.

(SIA/TN/MIN/131106/2019)

The proposal was placed in this 147th SEAC meeting held on 06.03.2020. The salient features of the project presented (furnished) by the proponent is enclosed in the annexure

The SEAC noted the following:

1. The Proponent, The Executive Engineer applied for Environmental Clearance for the Proposed Sand quarry lease over an extent of 2.25.0 Ha in S.F.Nos. 1(P), Kothangudi Village, Kumbakonam Taluk, Thanjavur District, Tamil Nadu.
2. The project/activity is covered under Category “B” of Item 1(a) “Mining of Minerals Projects” of the Schedule to the EIA Notification, 2006.

Based on the presentation made by the proponent, the SEAC decided to make an on - the - spot inspection to assess the present status of the site by the sub-committee constituted by the SEAC.

Agenda No. 147-01-16

File No. 7333-2019

Member Secretary

Chairman

Proposed Sand quarry lease over an extent of 4.95.0 Ha in S.F.Nos. 44(P), Karupperi Village, Kattumanarkoil Taluk, Cuddalore District, Tamil Nadu by Executive Engineer – For Environmental Clearance.

(SIA/TN/MIN/130155/2019)

The proposal was placed in this 147th SEAC meeting held on 06.03.2020. The salient features of the project presented (furnished) by the proponent is enclosed in the annexure

The SEAC noted the following:

1. The Proponent, The Executive Engineer applied for Environmental Clearance for the Proposed Sand quarry lease over an extent of 4.95.0 Ha in S.F.Nos. 44(P), Karupperi Village, Kattumanarkoil Taluk, Cuddalore District, Tamil Nadu
2. The project/activity is covered under Category “B” of Item 1(a) “Mining of Minerals Projects” of the Schedule to the EIA Notification, 2006.

Based on the presentation made by the proponent, the SEAC decided to make an on - the - spot inspection to assess the present status of the site by the sub-committee constituted by the SEAC.

Agenda No. 147-01-17

File No. 7334-2019

Proposed Sand quarry lease over an extent of 4.80.0 Ha in S.F.Nos.262 (P), Kamatchipettai Village, Panruti Taluk, Cuddalore District, Tamil Nadu by the Executive Engineer – For Environmental Clearance.

(SIA/TN/MIN/130197/2019)

The proposal was placed in this 147th SEAC meeting held on 06.03.2020. The salient features of the project presented (furnished) by the proponent is enclosed in the annexure

The SEAC noted the following:

Member Secretary

Chairman

1. The Proponent, The Executive Engineer applied for Environmental Clearance for the Proposed Sand quarry lease over an extent of 4.80.0 Ha in S.F.Nos.262(P),Kamatchipettai Village, Panruti Taluk, Cuddalore District, Tamil Nadu
2. The project/activity is covered under Category “B” of Item 1(a) “Mining of Minerals Projects” of the Schedule to the EIA Notification, 2006.

Based on the presentation made by the proponent, the SEAC decided to make an on - the - spot inspection to assess the present status of the site by the sub-committee constituted by the SEAC.

Agenda No. 147-01-18

File No. 7335-2019

Proposed Sand quarry lease over an extent of 4.80.0 Ha in S.F.Nos. 174/5(P), Elanthampattu Village, Panruti Taluk, Cuddalore District, Tamil Nadu by the Executive Engineer – For Environmental Clearance.

(SIA/TN/MIN/130148/2019)

The proposal was placed in this 147th SEAC meeting held on 06.03.2020. The salient features of the project presented (furnished) by the proponent is enclosed in the annexure

The SEAC noted the following:

1. The Proponent, The Executive Engineer applied for Environmental Clearance for the Proposed Sand quarry lease over an extent of 4.80.0 Ha in S.F.Nos. 174/5(P), Elanthampattu Village, Panruti Taluk, Cuddalore District, Tamil Nadu
2. The project/activity is covered under Category “B” of Item 1(a) “Mining of Minerals Projects” of the Schedule to the EIA Notification, 2006.

Member Secretary

Chairman

Based on the presentation made by the proponent, the SEAC decided to make an on - the - spot inspection to assess the present status of the site by the sub-committee constituted by the SEAC.

Agenda No. 147-01-19

File No. 7035-2018

**Proposed Rough Stone & Gravel quarry lease over an extent of 0.62.8 Ha in S.F.Nos. 467/2B2 (P), Kollathupalayam Village, Dharapuram Taluk, Tiruppur District, Tamil Nadu by Thiru.Kuppusamy – For Environmental Clearance.
(SIA/TN/MIN/39032/2018)**

The proposal was placed in this 147th SEAC meeting held on 06.03.2020. The salient features of the project presented (furnished) by the proponent is enclosed in the annexure

The SEAC noted the following:

1. The Proponent, Thiru.Kuppusamy applied for Environmental Clearance for the Proposed Rough Stone & Gravel quarry lease over an extent of 0.62.8 Ha in S.F.Nos. 467/2B2, Kollathupalayam Village, Dharapuram Taluk, Tiruppur District, Tamil Nadu
2. The project/activity is covered under Category “B” of Item 1(a) “Mining of Minerals Projects” of the Schedule to the EIA Notification, 2006.

Based on the presentation made by the proponent and the documents furnished, the committee decided to recommend the proposal to SEIAA for issue of Environmental Clearance, subject to the following conditions:

1. Ground water quality monitoring should be conducted once in every Six months and the report should be submitted to TNPCB.

Member Secretary

Chairman

2. The proponent shall provide the fencing around the boundary of the proposed area and shall furnish the photocopies of the same to TNPCB before commencement of the quarry.
3. After mining is completed proper levelling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
4. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wild life as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance.
5. 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 which is fit for growth of fodder, flora, fauna etc.
6. Proper barrier for reducing the Noise level shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration.
7. The operation of the quarry should no way impact the agriculture activities & water bodies near the project site.
8. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
9. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.
10. The proponent shall develop adequate green belt with native species on the periphery of the mine lease area before commencement of the mining activity, in consultation with DFO of the concern district/agriculture university.
11. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities.

12. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016,M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981 /2016, M.A.No.982/2016 & M.A.No.384/2017).
13. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of mining operation.
14. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mine.
15. The CER fund of 2% from the total project cost shall be spent as per Office Memorandum of MoEF& CC dated 01.05.2018 before obtaining the CTO from TNPCB.

Agenda No. 147-01-20

File No. 7217-2019

Proposed Rough stone quarry lease over an extent of 0.80.0 Ha in S.F.Nos. 109(Part - 4), Veppur Village, Katpadi Taluk, Vellore District, Tamil Nadu by Thiru. N.M. Mohankumar – For Environmental Clearance.

(SIA/TN/MIN/41316/2019)

The proposal was placed in the 147th SEAC meeting held on 06.03.2020. The salient features of the project presented (furnished) by the proponent is enclosed in the annexure

The SEAC noted the following:

1. The Proponent, Thiru. N.M. Mohankumar applied for Environmental Clearance for the Proposed Rough stone quarry lease over an extent of 0.80.0 Ha in S.F.Nos. 109(Part - 4), Veppur Village, Katpadi Taluk, Vellore District, Tamil Nadu

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

Based on the presentation made by the proponent and the documents furnished, the committee decided to recommend the proposal to SEIAA for issue of Environmental Clearance, subject to the following conditions:

1. Ground water quality monitoring should be conducted once in every Six months and the report should be submitted to TNPCB.
2. The proponent shall provide the fencing around the boundary of the proposed area and shall furnish the photocopies of the same to TNPCB before commencement of the quarry.
3. After mining is completed proper levelling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
4. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wild life as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance.
5. 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 which is fit for growth of fodder, flora, fauna etc.
6. Proper barrier for reducing the Noise level shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration.
7. The operation of the quarry should no way impact the agriculture activities & water bodies near the project site.
8. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.

9. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.
10. The proponent shall develop adequate green belt with native species on the periphery of the mine lease area before commencement of the mining activity, in consultation with DFO of the concern district/agriculture university.
11. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities.
12. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016,M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981 /2016, M.A.No.982/2016 & M.A.No.384/2017).
13. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of mining operation.
14. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mine.
15. The CER fund of 2% from the total project cost shall be spent as per Office Memorandum of MoEF& CC dated 01.05.2018 before obtaining the CTO from TNPCB.
16. The depth of mining should be restricted to 20m above the Ground level and 5m Below the Ground level.

Agenda No. 147-01-21

File No. 7219

**Proposed Rough Stone & Gravel quarry lease over an extent of 2.20.15 Ha in S.F.Nos. 1113/2B, 1113/2C & 1110/1C, Pudukottai Village, Sivakasi Taluk, Virudhunagar District, Tamil Nadu by Tmt. S. Maheswari – For Environmental Clearance.
(SIA/TN/MIN/45128/2019)**

Member Secretary

Chairman

The proposal was placed in this 147th SEAC meeting held on 06.03.2020. The salient features of the project presented (furnished) by the proponent is enclosed in the annexure

The SEAC noted the following:

1. The Proponent, Tmt. S. Maheswari applied for Environmental Clearance for the Proposed Rough Stone & Gravel quarry lease over an extent of 2.20.15 Ha in S.F.Nos. 1113/2B, 1113/2C & 1110/1C, Pudukottai Village, Sivakasi Taluk, Virudhunagar District, Tamil Nadu
2. The project/activity is covered under Category “B” of Item 1(a) “Mining of Minerals Projects” of the Schedule to the EIA Notification, 2006.

Based on the presentation made by the proponent and the documents furnished, the committee decided to recommend the proposal to SEIAA for issue of Environmental Clearance, subject to the following conditions:

1. Ground water quality monitoring should be conducted once in every Six months and the report should be submitted to TNPCB.
2. The proponent shall provide the fencing around the boundary of the proposed area and shall furnish the photocopies of the same to TNPCB before commencement of the quarry.
3. After mining is completed proper levelling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
4. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wild life as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance.
5. 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 which is fit for growth of fodder, flora, fauna etc.

6. Proper barrier for reducing the Noise level shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration.
7. The operation of the quarry should no way impact the agriculture activities & water bodies near the project site.
8. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
9. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.
10. The proponent shall develop adequate green belt with native species on the periphery of the mine lease area before commencement of the mining activity, in consultation with DFO of the concern district/agriculture university.
11. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities.
12. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016,M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981 /2016, M.A.No.982/2016 & M.A.No.384/2017).
13. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of mining operation.
14. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mine.
15. The CER fund of 2% from the total project cost shall be spent as per Office Memorandum of MoEF& CC dated 01.05.2018 before obtaining the CTO from TNPCB.

Agenda No. 147-01-22

File No. 7423-2020

Proposed Sand quarry lease over an extent of 4.90.0 Ha in S.F.Nos. 231/1(P), Madhavaperumalkoil Village, Manachanallur Taluk, Tiruchirappalli District, Tamil Nadu by the Executive Engineer – For Environmental Clearance.

(SIA/TN/MIN/140266/2020)

The proposal was placed in this 147th SEAC meeting held on 06.03.2020. The salient features of the project presented (furnished) by the proponent is enclosed in the annexure

The SEAC noted the following:

1. The Proponent, The Executive Engineer applied for Environmental Clearance for the Proposed Sand quarry lease over an extent of 4.90.0 Ha in S.F.Nos. 231/1(P), Madhavaperumalkoil Village, Manachanallur Taluk, Tiruchirappalli District, Tamil Nadu
2. The project/activity is covered under Category “B” of Item 1(a) “Mining of Minerals Projects” of the Schedule to the EIA Notification, 2006.

Based on the presentation made by the proponent, the SEAC decided to make an on - the - spot inspection to assess the present status of the site by the sub-committee constituted by the SEAC.

Agenda No. 147-01-23

File No. 7185-2019

Proposed Rough Stone, Weather Rock & Gravel quarry lease over an extent of 1.18.0 Ha in S.F.Nos. 736/5 & 736/6, Sullerumbu Villlage, Dindigul west Taluk, Dindigul District, Tamil Nadu by Thiru. M. Jeyakumar – For Environmental Clearance.

(SIA/TN/MIN/44161/2019)

Member Secretary

Chairman

The proposal was placed in this 147th SEAC meeting held on 06.03.2020. The salient features of the project presented (furnished) by the proponent is enclosed in the annexure

The SEAC noted the following:

1. The Proponent, Thiru. M. Jeyakumar applied for Environmental Clearance for the Proposed Rough Stone, Weather Rock & Gravel quarry lease over an extent of 1.18.0 Ha in S.F.Nos. 736/5 & 736/6, Sullerumbu Villlage, Dindigul west Taluk, Dindigul District, Tamil Nadu
2. The project/activity is covered under Category “B” of Item 1(a) “Mining of Minerals Projects” of the Schedule to the EIA Notification, 2006.

Based on the presentation made by the proponent and the documents furnished, the committee decided to recommend the proposal to SEIAA for issue of Environmental Clearance, subject to the following conditions:

1. Ground water quality monitoring should be conducted once in every Six months and the report should be submitted to TNPCB.
2. The proponent shall provide the fencing around the boundary of the proposed area and shall furnish the photocopies of the same to TNPCB before commencement of the quarry.
3. After mining is completed proper levelling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
4. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wild life as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance.
5. 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 which is fit for growth of fodder, flora, fauna etc.

6. Proper barrier for reducing the Noise level shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration.
7. The operation of the quarry should no way impact the agriculture activities & water bodies near the project site.
8. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
9. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.
10. The proponent shall develop adequate green belt with native species on the periphery of the mine lease area before commencement of the mining activity, in consultation with DFO of the concern district/agriculture university.
11. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities.
12. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016,M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981 /2016, M.A.No.982/2016 & M.A.No.384/2017).
13. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of mining operation.
14. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mine.
15. The CER fund of 2% from the total project cost shall be spent as per Office Memorandum of MoEF& CC dated 01.05.2018 before obtaining the CTO from TNPCB.

Agenda No. 147-01-24

File No. 7424-2020

Proposed Sand quarry lease over an extent of 4.50.0 Ha in S.F.Nos. 147(P), Thalakudi Village, Lalgudi Taluk, Tiruchirappalli District, Tamil Nadu by the Executive Engineer – For Environmental Clearance.

(SIA/TN/MIN/140170/2020)

The proposal was placed in this 147th SEAC meeting held on 06.03.2020. The salient features of the project presented (furnished) by the proponent is enclosed in the annexure

The SEAC noted the following:

1. The Proponent, The Executive Engineer applied for Environmental Clearance for the Proposed Sand quarry lease over an extent of 4.50.0 Ha in S.F.Nos. 147(P), Thalakudi Village, Lalgudi Taluk, Tiruchirappalli District, Tamil Nadu
2. The project/activity is covered under Category “B” of Item 1(a) “Mining of Minerals Projects” of the Schedule to the EIA Notification, 2006.

Based on the presentation made by the proponent, the SEAC decided to make an on - the - spot inspection to assess the present status of the site by the sub-committee constituted by the SEAC.

Agenda No. 147-01-25

File No. 7425-2020

Proposed Sand quarry lease over an extent of 4.90.0 Ha in S.F.Nos. 144(P), Kookur Village, Lalgudi Taluk, Tiruchirappalli District, Tamil Nadu by Executive Engineer – For Environmental Clearance.

(SIA/TN/MIN/140470/2020)

The proposal was placed in this 147th SEAC meeting held on 06.03.2020. The salient features of the project presented (furnished) by the proponent is enclosed in the annexure

Member Secretary

Chairman

The SEAC noted the following:

1. The Proponent, The Executive Engineer applied for Environmental Clearance for the Proposed Sand quarry lease over an extent of 4.90.0 Ha in S.F.Nos. 144(P), Kookur Village, Lalgudi Taluk, Tiruchirappalli District, Tamil Nadu
2. The project/activity is covered under Category “B” of Item 1(a) “Mining of Minerals Projects” of the Schedule to the EIA Notification, 2006.

Based on the presentation made by the proponent, the SEAC decided to make an on - the - spot inspection to assess the present status of the site by the sub-committee constituted by the SEAC.

Agenda No. 147-01-26

File No. 7426-2020

Proposed Sand quarry lease over an extent of 4.90.0 Ha in S.F.Nos. 148(P), Killiyanallur Village, Manachanallur Taluk, Tiruchirappalli District, Tamil Nadu by The Executive Engineer – For Environmental Clearance.

(SIA/TN/MIN/140446/2020)

The proposal was placed in this 147th SEAC meeting held on 06.03.2020. The salient features of the project presented (furnished) by the proponent is enclosed in the annexure

The SEAC noted the following:

1. The Proponent, The Executive Engineer applied for Environmental Clearance for the Proposed Sand quarry lease over an extent of 4.90.0 Ha in S.F.Nos. 148(P), Killiyanallur Village, Manachanallur Taluk, Tiruchirappalli District, Tamil Nadu
2. The project/activity is covered under Category “B” of Item 1(a) “Mining of Minerals Projects” of the Schedule to the EIA Notification, 2006.

Member Secretary

Chairman

Based on the presentation made by the proponent, the SEAC decided to make an on - the - spot inspection to assess the present status of the site by the sub-committee constituted by the SEAC.

Agenda No. 147-01-27

File No. 7052

**Proposed Rough Stone & Gravel quarry lease over an extent of 1.62.0 Ha in S.F.Nos. 264/1A (part), Akkinampattu Village, Cheyyur Taluk, Kancheepuram District, Tamil Nadu by Thiru.S. Balaji – For Environmental Clearance.
(SIA/TN/MIN/39657/2019)**

The proposal was placed in this 147th SEAC meeting held on 06.03.2020. The salient features of the project presented (furnished) by the proponent is enclosed in the annexure

The SEAC noted the following:

1. The Proponent, Thiru.S. Balaji applied for Environmental Clearance for the Proposed Rough Stone & Gravel quarry lease over an extent of 1.62.0 Ha in S.F.Nos. 264/1A (PART), Akkinampattu Village, Cheyyur Taluk, Kancheepuram District, Tamil Nadu.
2. The project/activity is covered under Category “B” of Item 1(a) “Mining of Minerals Projects” of the Schedule to the EIA Notification, 2006.

Based on the presentation made by the proponent and the documents furnished, the committee decided to recommend the proposal to SEIAA for issue of Environmental Clearance, subject to the following conditions:

1. Ground water quality monitoring should be conducted once in every Six months and the report should be submitted to TNPCB.
2. The depth of mining should be restricted to 30 m.
3. The proponent shall provide the fencing around the boundary of the proposed area and shall furnish the photocopies of the same to TNPCB before commencement of the quarry.

Member Secretary

Chairman

4. After mining is completed proper levelling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
5. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wild life as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance.
6. 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 which is fit for growth of fodder, flora, fauna etc.
7. Proper barrier for reducing the Noise level shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration.
8. The operation of the quarry should no way impact the agriculture activities & water bodies near the project site.
9. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
10. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.
11. The proponent shall develop adequate green belt with native species on the periphery of the mine lease area before commencement of the mining activity, in consultation with DFO of the concern district/agriculture university.
12. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities.
13. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016

(M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016,M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981 /2016, M.A.No.982/2016 & M.A.No.384/2017).

14. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of mining operation.
15. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mine.
16. The CER fund of 2% from the total project cost shall be spent as per Office Memorandum of MoEF& CC dated 01.05.2018 before obtaining the CTO from TNPCB.

Agenda No. 147-01-28

File No. 7220

**Proposed Rough Stone & Gravel quarry lease over an extent of 1.27.50 Ha in S.F.Nos. 27/7B1A, Melathidiyur Village, Palayamkottai Taluk, Tirunelveli District, Tamil Nadu by Thiru. M. Murugiah – For Environmental Clearance.
(SIA/TN/MIN/43981/2019)**

The proposal was placed in this 147th SEAC meeting held on 06.03.2020. The salient features of the project presented (furnished) by the proponent is enclosed in the annexure

The SEAC noted the following:

1. The Proponent, Thiru. M. Murugiah applied for Environmental Clearance for the Proposed Rough Stone & Gravel quarry lease over an extent of 1.27.50 Ha in

Member Secretary

Chairman

S.F.Nos. 27/7B1A, Melathidiyur Village, Palayamkottai Taluk, Tirunelveli District, Tamil Nadu

2. The project/activity is covered under Category “B” of Item 1(a) “Mining of Minerals Projects” of the Schedule to the EIA Notification, 2006.
3. The Project site attracts NBWL Clearance since it is located at a distance of 8.8 km from the Kalakad Mundanthurai Tiger Reserves.

Based on the presentation made by the proponent and the documents furnished, the committee decided to recommend the proposal to SEIAA for issue of Environmental Clearance, subject to the following conditions;-

1. Ground water quality monitoring should be conducted once in every Six months and the report should be submitted to TNPCB.
2. The proponent shall provide the fencing around the boundary of the proposed area and shall furnish the photocopies of the same to TNPCB before commencement of the quarry.
3. After mining is completed proper levelling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
4. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wild life shall be obtained before starting the quarrying operation.
5. 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 which is fit for growth of fodder, flora, fauna etc.
6. Proper barrier for reducing the Noise level shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration.

7. The operation of the quarry should no way impact the agriculture activities & water bodies near the project site.
8. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
9. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.
10. The proponent shall develop adequate green belt with native species on the periphery of the mine lease area before commencement of the mining activity, in consultation with DFO of the concern district/agriculture university.
11. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities.
12. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016,M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981 /2016, M.A.No.982/2016 & M.A.No.384/2017).
13. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of mining operation.
14. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mine.
15. The CER fund of 2% from the total project cost shall be spent as per Office Memorandum of MoEF& CC dated 01.05.2018 before obtaining the CTO from TNPCB.

Agenda No. 147-01-29

File No. 7436

Member Secretary

Chairman

Proposed Rough Stone & Gravel quarry lease over an extent of 4.18.50 Ha in S.F.Nos. 310/1, 311/1A, 312/18, 313/1, 313/10, 313/11, 313/12, 313/13, 313/14, 313/2, 313/3, 313/4, 313/5, 313/6, 313/7, 313/8, 313/9, 314 (P), Kunnathur Village, Maduranthagam Taluk, Kancheepuram District, Tamil Nadu by Tvl. V.M.S Blue Metals – For Environmental Clearance.

The proposal was placed in this 147th SEAC meeting held on 06.03.2020. The salient features of the project presented (furnished) by the proponent is enclosed in the annexure

The SEAC noted the following:

1. The Proponent, Tvl. V.M.S Blue Metals applied for Environmental Clearance for the Proposed Rough Stone & Gravel quarry lease over an extent of 4.18.50 Ha in S.F.Nos. 310/1, 311/1A, 312/18, 313/1, 313/10, 313/11, 313/12, 313/13, 313/14, 313/2, 313/3, 313/4, 313/5, 313/6, 313/7, 313/8, 313/9, 314 (P), Kunnathur Village, Maduranthagam Taluk, Kancheepuram District, Tamil Nadu
2. The project/activity is covered under Category “B” of Item 1(a) “Mining of Minerals Projects” of the Schedule to the EIA Notification, 2006.

Based on the presentation made by the proponent and the documents furnished, the committee decided to recommend the proposal to SEIAA for issue of Environmental Clearance, subject to the following conditions:-

1. Ground water quality monitoring should be conducted once in every Six months and the report should be submitted to TNPCB.
2. The proponent shall provide the fencing around the boundary of the proposed area and shall furnish the photocopies of the same to TNPCB before commencement of the quarry.
3. After mining is completed proper levelling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.

Member Secretary

Chairman

4. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wild life as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance.
5. 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 which is fit for growth of fodder, flora, fauna etc.
6. Proper barrier for reducing the Noise level shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration.
7. The operation of the quarry should no way impact the agriculture activities & water bodies near the project site.
8. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
9. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.
10. The proponent shall develop adequate green belt with native species on the periphery of the mine lease area before commencement of the mining activity, in consultation with DFO of the concern district/agriculture university.
11. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities.
12. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016,M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A. No.

843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981 /2016, M.A.No.982/2016 & M.A.No.384/2017).

13. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of mining operation.
14. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mine.
15. The CER fund of 2% from the total project cost shall be spent as per Office Memorandum of MoEF& CC dated 01.05.2018 before obtaining the CTO from TNPCB.

Agenda No. 147-01-30

File No. 7171

Proposed Gravel quarry lease over an extent of 4.18.50 Ha in 2.15.5ha in S.F.No's. 137/2B1 (0.24.00 ha), 137/2A2 (0.16.50 ha), 137/2B2 (0.28.0 ha), 137/1A (0.36.50 ha), 137/2C (0.12.5 ha), 137/3A (0.16.00 ha), 172/4C (0.21.50 ha), 173/2B2 (0.20.0 ha) and 137/1B (0.40.50 ha) at Jeyankondanilai Village of Singampunari Taluk, Sivagangai District, Tamil Nadu by Thiru. A.Ansar Ali – For Environmental Clearance.

The proposal was placed in the 147th SEAC meeting held on 06.03.2020. The salient features of the project presented (furnished) by the proponent is enclosed in the annexure

The SEAC noted the following:

1. The Proponent, Thiru. A.Ansar Ali applied for Environmental Clearance for the Proposed Gravel quarry lease over an extent of 4.18.50 Ha in 2.15.5ha in S.F.No's. 137/2B1 (0.24.00 ha), 137/2A2 (0.16.50 ha), 137/2B2 (0.28.0 ha), 137/1A (0.36.50 ha), 137/2C (0.12.5 ha), 137/3A (0.16.00 ha), 172/4C (0.21.50 ha), 173/2B2 (0.20.0 ha) and 137/1B (0.40.50 ha) at Jeyankondanilai Village of Singampunari Taluk, Sivagangai District, Tamil Nadu
2. The project/activity is covered under Category "B" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.

Member Secretary

Chairman

Based on the presentation made by the proponent and the documents furnished, the committee decided to recommend the proposal to SEIAA for issue of Environmental Clearance, subject to the following conditions;-

1. Ground water quality monitoring should be conducted once in every Six months and the report should be submitted to TNPCB.
2. The proponent shall provide the fencing around the boundary of the proposed area and shall furnish the photocopies of the same to TNPCB before commencement of the quarry.
3. After mining is completed proper levelling should be done by the Project proponent & Environmental Management Plan furnished by the Proponent should be strictly followed.
4. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wild life as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance.
5. 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 which is fit for growth of fodder, flora, fauna etc.
6. Proper barrier for reducing the Noise level shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration.
7. The operation of the quarry should no way impact the agriculture activities & water bodies near the project site.
8. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
9. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.

10. The proponent shall develop adequate green belt with native species on the periphery of the mine lease area before commencement of the mining activity, in consultation with DFO of the concern district/agriculture university.
11. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities.
12. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016,M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981 /2016, M.A.No.982/2016 & M.A.No.384/2017).
13. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of mining operation.
14. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mine.
15. The CER fund of 2% from the total project cost shall be spent as per Office Memorandum of MoEF& CC dated 01.05.2018 before obtaining the CTO from TNPCB.
16. The project proponent has directed to carry out the Mining operation in the mine lease area which are having the survey number of 137/2B1 (0.24.00 ha), 137/2A2 (0.16.50 ha), 137/2B2 (0.28.0 ha), 137/2C (0.12.5 ha), 137/3A (0.16.00 ha) and 173/2B2 (0.20.0 ha) for the total quantity of Gravel about 14,730m³ considering 2m depth as committed by the project proponent.
17. The project proponent should not carry out the excavation of gravel in the mine lease area which are having the survey numbers of 137/1B (0.40.50 ha), 137/1A (0.36.50 ha) & 172/4C (0.21.50 ha), as committed by the project proponent.

18. The project proponent has to provide a safety distance of 15 m from the canal passing adjacent to the site.

Agenda No.147-01-31

File No. 6685/2018

Proposed logistic park at S.Nos. : 4/1, 4/2A, 4/2B1, 4/2B2 of Vallam Village, S/ Nos. 25/1A, 25/1B, 25/2A, 25/2B, and others of Echoor Village, S. Nos. 198, 199, 200/1, 201, 202/1, 202/2A, 202/2B, and others of Mettupalayam Village, Sriperumbudur Taluk, Kancheepuram District by M/s. Aarush Logistics Park Private Limited – For Environmental Clearance.

(SIA/TN/MIN/28400/2018)

The proposal was placed in the 144th SEAC meeting held on 17.02.2020.

The SEAC noted the following:

1. The Proponent, M/s. Aarush Logistics Parks Private Limited has applied for EC to SEIAA-TN for the proposed an industrial Park, which primarily develop industrial Sheds under the banner 'ASCENDAS FIRST SPACE “at 5. Nos.: 4/1,4/2A,4/2B1, 4/2B2 of Vallam Village, S/ Nos. 25/1A, 25/1B, 25/2A, 25/2B, and others of Echoor Village, S. Nos. 198, 199, 200/1,201,202/1, 202/2A, 202/2B, and others of Mettupalayam Village, Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu.
2. The project/activity is covered under Category "B" of Item 8(b) "Township and area development projects" of the Schedule to the EIA Notification, 2006.
3. ToR was issued by SEIAA-TN vide Lr.No.SEIAA-TN/F.No.6685/SEAC-CXX|VI/ 8(b)/ TOR-606 /2019 Dated 20.02.2019.

After perusal of the details presented by the proponent, The SEAC directed the proponent to furnish the following details.

Member Secretary

Chairman

1. The project proponent shall furnish proposed activities in the project site considering the type of industries the number of such industries to as to estimate the requirement of resources, emissions and waste generated and its management.
2. EIA study should be conducted considering the existing industrial estates/developments surrounding environment covering 10 km radius.
3. The proponent shall submit proposal/action taken report to ensure that no natural water bodies located inside and nearby the proposed area are affected.
4. The unit shall furnish water balance and furnish proposal for installation of STP with design adequacy along with scheme for recycling the treated sewage.
5. The proponent should furnish the layout plan showing the green belt area with dimensions & GPS (Global Positioning System) co-ordinates of areas allocated for green belt and shall be provided along with the EIA report.
6. Storm water drainage plan may be designed for the project area and the same shall be submitted.

On receipt of aforesaid details, the SEAC would further deliberate on the project proposal and also directed the proponent make presentation once again along with the above said essential details of the project.

The project proponent has submitted the above said details to SEIAA.

The proposal was placed in this 147th SEAC Meeting held on 06.03.2020. Based on the presentation made by the proponent and the documents furnished, the committee decided to recommend the proposal to SEIAA for issue of Environmental Clearance, subject to the following conditions:-

1. For the Excess Runoff the proponent shall provide 2 Nos. of Sumps 200 KLD and Rain water harvesting pond of 500 KLD as proposed.
2. The proponent shall utilize the entire quantity of treated water from grey water treatment plant and Sewage treatment plant for toilet flushing and for the green belt development as proposed.

3. Necessary permission shall be obtained from the competent authority for the drawl / outsourcing of fresh water before obtaining consent from TNPCB.
4. The proponent shall appoint an Environmental Engineer with necessary qualification for the operation and maintenance of STP (Sewage Treatment Plant).
5. The proponent has to earmark the greenbelt area of 33 % of the total plot area for the green belt area all along the boundary of the project site with at least 3 meter wide and the same shall be included in the layout out plan to be submitted for CMDA/DTCP approval.
6. The activity of the project should no way impact the ponds at Mettupalaiyam village or any other water body near the project site.
7. All the mitigation measures proposed in the proposal for the flood management, Solid waste disposal, Sewage treatment & disposal etc., shall be followed strictly.
8. Solar energy should be at least 10% of total energy utilization. Application of solar energy should be utilized maximum for illumination of common areas, street lighting etc.
9. The height of the stack of DG sets shall be provided as per the CPCB norms.
10. The project proponent shall continuously operate and maintain the Sewage treatment plant to achieve the standards prescribed by the CPCB.
11. The project proponent has to provide separate standby D.G set for the STP proposed for the continuous operation of the STP in case of power failure.
12. The project proponent shall provide Organic Waste Converter for the treatment and disposal of Bio degradable waste as committed by the project proponent. Non Bio degradable waste to be regularly collected and disposed through TNPCB authorized recycler.
13. No waste of any type to be disposed of in any watercourse including drains, canals and the surrounding environment.
14. The safety measures proposed in the report should be strictly followed.
15. Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided.

16. The proponent shall submit the proposal for CER activity as per the office memorandum of MoEF& CC dated 01.05.2018, before placing the subject to SEIAA.

Member Secretary

Sd/--
Chairman

Member Secretary

Chairman

Annexure

The salient feature (Brief Summary) of the project presented (furnished) by the proponent for the proposals which are placed in the **147th SEAC Meeting** held on **06.03.2020**

File No: 7345-2019

Proposed Construction of 840 Nos. of Residential Tenements at T.S.No. 22/1 & 22/2, Puliamedu Village, Poonamallee Taluk, Tiruvallur District by Tamil Nadu Slum Clearance Board

- i. The project is located at **11°25'13.5"N** latitude and **77°39'34.4"E** longitude.
- ii. The project is new.
- iii. Earlier Clearance details, Construction status– The project is new construction of tenements and the construction activities are not started.
- iv. The total plot area is **17,100 Sq.m**, FSI area is **2.14** and total construction area of **36,642.6 Sq.m**. The project will comprise of **8 Blocks which consists of Block 1 to 4 (S+7 Floors) & Block 5 to 8 (G+4)**. Maximum height of the building is **24.7 m**.
- v. During construction phase, total water requirement is expected to be **100 KLD** which will be met by **Private Water Suppliers**. During the construction phase, the wastewater generated will be treated in the septic tanks with dispersion trenches. Temporary sanitary toilets will be provided during peak labor force.
- vi. During operation phase, total water demand of the project is expected to be **574 KLD** and in which **380 KLD** of fresh water will be met from Tiruverkadu Municipality. Wastewater generated is **498 KLD**. About 194 KLD of block water from toilets will be treated in proposed STP having capacity of 200 KLD and 304 KLD of grey water from bathroom, kitchen will be treated through proposed grey water treatment plant of 320 KLD. Part of treated grey water of 194 KLD will be reused for toilet flushing and 10 KLD will be used for greenbelt development. The remaining quantity of treated grey water of 84 KLD along with treated black water of 184 KLD will be disposed into Under Ground Drain line (268 KLD) or **268 KLD** will be used for watering roadside plantation and parks maintained by local body and irrigation of agricultural land located around the project site.
- vii. About **2.621 TPD** solid wastes will be generated in the project. The biodegradable waste (**1.573 TPD**) will be processed in OWC and the non-biodegradable waste generated (**1.048 TPD**) will be handed over to authorized Recyclers.

- viii. The total power requirement during operation phase is **1290 KVA** and will be met from **Tamil Nadu Generation & Distribution Corporation Ltd.**
- ix. Rooftop rainwater of buildings will be collected in **20 Nos.** RWH Pits and 1 No of RWH Tank of 180 KLD Capacity.
- x. Parking facility of **5254.2 sq.m** will be provided.
- xi. Proposed energy saving measures would save about **10%** of power.
- xii. No Reserve Forest is located in within 10 km radius.
- xiii. NBWL Clearance and Forest Clearance **are not required.**
- xiv. **No Court Case** is pending against the project.
- xv. Cost of the project is **Rs. 116.56 Crores.**
- xvi. Employment potential

During construction phase of the project, this project will provide employment to about 400 unskilled and semi-skilled labourers.

- xvii. Benefits of the project

The proposed project will provide employment to 400 people on daily average basis during construction phase. The project is involving construction of tenements for slum clearance which provides houses for about 840 families. It also provides them basic amenities like water supply, street lights, storm water drains, sewer line, etc.

1. Government Order / Lease details:
 - a. The Quarry lease was applied in the name of Thiru.S.Panneerselvam, Thanjavur. Precise Area Communication was issued by the District Collector, Thanjavur vide Rc.No. 242/2018 (Mines) dated 05.03.2019 for a period of Three Years. It is a fresh lease for gravel quarry over an Extent of 2.40.5Ha (Patta land) in S.F.Nos.22B/11, 22B/12C, 22B/10, 22B/14B, 22B/14C, 22B/14D, 22B/2 and 22B/3 at Maruthakudi village, Budalur Taluk, Thanjavur District.
 - b. Entire Lease area is patta land registered in the applicant has obtained consent from the pattadhar and got it registered.
2. Mining Plan / Scheme of Mining approved details:
 - a. The Mining plan was prepared for the period of Three Years. The mining plan was approved from the Assistant Director, Department of Geology and Mining, Thanjavur District vide Rc.No. 242/2018 (Mines) dated 17.06.2019.
3. As per the Department of Geology and Mining, Thanjavur District. Mining Plan approval for the Three Years, the production schedule for Three Years states that the total quantity of 37,916m³ of Gravel.
4. Depth of Mining is 2 m only using opencast semi mechanized mining without drilling and blasting.
5. Gravel material will be loaded by hydraulic excavator or JCB. Hauling will be done through Tippers directly from mine area to the consumer. (10T capacity).
6. The project is locate at Latitude: 10°45'21"N to 10°45'28"N Longitude : 79°00'36"E to 79°00'41"E. **Toposheet Number:** 58 J/13,14,58N/1,2.
7. The total Manpower requirement is 7 Nos. (Permanent:4, Temporary: 3)
8. Total cost of the projects is Rs.15,58,000/- (Including Operational + Fixed Asset + EMP cost).
EMP cost about Rs.2,75,000/- lakhs.
9. The ground water table in the area is around 20m BGL.
10. Lease applied area is not covered under HACA region.
11. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area.
12. No Interstate boundary with in 10Km Radius of lease Area.
13. **Wild Life Sanctuary:** Nil within 10km radius

- a. Karaivetti birds sanctuary 23.5Km(N).SW),
- b. Vaduvor birds sanctuary 33.1Km(E).

14. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km from the lease area.
15. No habitation within the radius of the 300m from the lease area as stated in the letter obtained from VAO, Maruthakudi village, Budalur Taluk, Thanjavur District.
16. Letter obtained from the Assistant Director, Department of Geology and Mining, Thanjavur vide Rc.No.242/2018 (Mines) dated 16.09.2019. The details of the existing, abandoned and proposed quarries within 500m radius from the proposed Rough Stone quarry as follows.

Sl. No	Name of the Quarry Owner	Name of Village & S.F.No.	Extent in Hect.	Distance from this proposed quarry
a).Abandoned Quarries				
Nil				
b).Present Proposed Quarries				
1	Thiru. S.Panneerselvam,	Maruthakudi Village 22B/11, 22B/12C, 22B/10, 22B/14B, 22B/14C, 22B/14D, 22B/2 and 22B/3	2.40.5	Applied area
IV).Future Proposed Quarries				
Nil				
V).Period Expired Quarries				
1.	T.Rajendran	Maruthakudi Village SF.No.16/1A2,1C7C,22A/1B,1D,2, 3,4,5,6A,6B,6C,22B/1A2,1B,8A, 8B,9A,9B,9C,14A	5.97.0	Situated on south western boundary
2.	A.Arockia Albert	Maruthakudi Village. 15/6,14/2A,14,2C(P),14/5(P),14/3(P),14/9(P),14/8(P),14/6(P),49/8,49/9A,49/12,49/15,50/5,50/4,&50/6.	4.63.0	160m southern side of the proposed area
Total Extent			13.00.5	

File No.7209/2019

Proposed Multi Colour Granite Quarry lease over an extent of 2.39.5ha in S.F.Nos. 567/1, 567/3 & 567/5 at Karandapalli Village, Denkanikottai Taluk, Krishnagiri District, Tamil Nadu by M/s. Sri Angalamman Granites – For Environment Clearance.
(SIA/TN/MIN/44918/2019)

1. Government Order / Lease details:

- a. The Quarry lease was applied in the name of M/s. Sri Angalamman Granites, Precise Area Communication was issued by the Additional chief Secretary to Government, Industries (MME.2) Department, Secretariat, Chennai vide Letter No. 10246/MM.2/2018-1, dated 12.10.2018 for a period of 20 years. It is a fresh lease for Multi-Colour Granite Quarry over an extent of 2.39.5ha in S.F.Nos. 567/1, 567/3 & 567/5 at Karandapalli Village, Denkanikottai Taluk, Krishnagiri District.

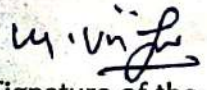
2. Mining Plan / Scheme of Mining approved details:

- a. The Mining plan was prepared for the period of 5 years. The mining plan was got approved by the Director of Geology and Mining, Industrial Estate, Guindy, Chennai vide Rc.No.5882/MM5/2018, dated 08.11.2018.

3. As per the Department of Geology and Mining, Guindy, Chennai. Mining Plan approval for the 5 years, the production schedule for 5 years states that the total quantity of Multi Colour Granite should not exceed 21,054m³ (@35% recovery)..

- a. For First year - 4,252m³ of Granite
- b. For Second year - 4,232m³ of Granite
- c. For Third year - 4,238m³ of Granite
- d. For Fourth year - 4,228m³ of Granite
- e. For Fifth year - 4,104m³ of Granite

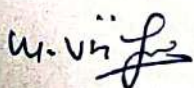
4. The quarry operation is proposed up to a depth of 13m (1m Topsoil + 2m Weathered Rock + 10m Multi Coloured Granite).


Signature of the
Project Proponent


Signature of the
consultant

Dr. M. IFTHIKHAR AHMED, M.Sc., M.B.A., Ph.D.,
E.I.A Coordinator & Govt. Approved Geologist

5. Quarrying Operation will be done by Opencast Semi Mechanised method with Diamond Wire Saw cutting.
6. Granite are to be transported by Tippers of 2 Nos. (20 T Capacity).
7. The Total Waste will be resulting in the quarrying operation for first five years is around 46,029m³ proposed to dump on temporarily dump on the North western side and Topsoil (3,826m³) will be preserved all along the boundary barriers for afforestation.
8. The project is locate at 12°28'44.49"N to 12°28'50.47"N latitude and 77°43'53.69"E to 77°44'01.74"E Longitude, Toposheet No. 57-H/11.
9. The total Manpower requirement is 35 Nos.
10. Total cost of the project is reported to be Rs. 32.79 lakhs and EMP cost about Rs. 2.45 lakhs
11. The Water table is reported to be at the depth of 50m below ground level.
12. Lease applied area is not covered under HACA region.
13. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area.
14. No Interstate boundary & Western Ghats Boundary within the radius of 10km from the lease area.
15. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km from the lease area.
16. Cauvery North Wild life sanctuary located at 4.0km on the southern of the lease applied area and proposal applied for NBWL Clearance vide online Proposal No. FP/TN/QRY/3574/2018, dated 14.10.2019.
17. Letter obtained from the Deputy Director, Department of Geology and Mining, Krishnagiri vide Letter RC. No. 540/2017/Mines dated 16.09.2019.



Signature of the
Project Proponent



Signature of the
consultant

Dr. M. IFTHIKHAR AHMED, M.Sc., M.B.A., Ph.D.
E.I.A Coordinator & Govt. Approved Geologist

Details of Existing quarries:

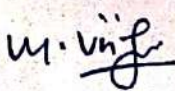
S. No.	Name of the lessee	Village	S. F. No.	Extent (In hect)	GO No & Date	Lease period	Status of the quarry
1.	M/s. Sri Angalamman Granites, D.No.16/54-A, Nedumaran Nagar, Dharmapuri District - 636 701	Denkanikottai Taluk, Karandapalli Village	567/1, 567/3 & 567/5	2.39.5	-	Instant Proposal	Applied Area
			Total	2.39.5			

Details of Abandoned / Old quarries:

S. No.	Name of the lessee	Village	S. F. No.	Extent (In hect)	GO No & Date	Lease period	Status of the quarry
---Nil---							

Details of Proposed quarries:

S. No.	Name of the lessee	Village	S. F. No.	Extent in Hect	GO. No. & Date	Lease period	Status of the quarry
---Nil---							


Signature of the
Project Proponent


Signature of the
consultant

Dr. M. IFTHIKHAR AHMED, M.Sc., M.B.A., Ph.D.
E.I.A Coordinator & Govt. Approved Geologist

File No.: 7404/2020

Terms of Reference for the Construction of Construction of Industrial Sheds by M/s. Integrated Chennai Business Park (India) Pvt. Ltd. located at S. Nos. S. F. Nos. 1202/2, 1203/1, 1204/1A, 1204/2B, 1214/2B, 1215, 1216/2, 1217, 1218/1B, 1223, 1224/1, 1224/2, 1224/3, 1224/4, 1224/5, 1224/6, 1224/7, 1224/8, 1224/9, 1224/10, 1224/11, 1224/12, 1224/13, 1224/14, 1225/1, 1229/2, 1233, 1234, 1235, 1236, 1237, 1238, 1239, 1240/1A, 1240/1B, 1240/2, 1241/1, 1241/2, 1242, 1243, 1244/1, 1244/2B1, 1244/2A, 1244/2B2, 1245/1, 1245/2, 1246/1, 1246/2, 1247/1, 1247/2, 1248/1, 1248/2, 1248/3, 1248/4A, 1248/4B, 1248/4C, 1249/1A, 1249/2A, 1249/2B, 1249/1B, 1250/1, 1250/2, 1251/1, 1251/2, 1254/1, 1254/2, 1255, 1256/1, 1256/2, 1257/1, 1257/2, 1258, 1259/1, 1259/2A, 1259/2B1, 1259/2B2, 1260, 1261/1, 1261/2, 1262/1, 1262/2, 1262/3, 1262/4, 1262/5, 1263/1, 1264, 1267/2, 1268/1B, 1268/1C, 1268/1D, 1278, 1279, 1280, 1281, 1282, 1283, 1287/2, 1287/3, 1288, 1289/2 of Vallur Village & S. F. Nos. 66/4B, 68/2B, 69/3B, 69/2, 71/8A, 71/9A, 71/9B, 72/4, 72/2, 72/3C, 72/3D, 72/3B, 73/1, 73/3, 73/4, 73/5, 73/6, 73/7, 73/8, 74/1, 74/2, 74/3, 74/4, 74/6A, 74/6B, 74/7, 75/1, 75/2, 76/1, 78/1A1A, 78/1A1C, 78/1A1D, 78/1A2, 79/1 of Edayanchavadi Village, Ponneri Taluk, Thiruvallur District, Tamil Nadu.

The project proponent gave a detailed presentation on the salient features of the project and informed that:

1. The total land area of project is 5,05,340 Sq.m. with total built up area is 2,42,815 Sq.m.
2. The project is located at 13°13'29.8"N Latitude, 80°17'18.1"E Longitude

3. The project comprises of Construction of Industrial Sheds (Free Trade Warehousing Zone) comprises of 21 numbers of Industrial Sheds/Warehouse (Ground Floor), Office Building - 1 (G+4 Floors), Office Building - 2 (G+4 Floors), Security & Drivers Dormitory (Ground Floor) with other utilities (Pump Room, OWC Shed, Security Room)
4. The expected number of occupancy in the project is 6,090 Nos.
5. The daily fresh water requirement is 135 KLD for domestic purpose will be sourced through Ground Water / RWH Pond / Private Tankers Supply. The sewage of 258 KLD generated will be treated through 270 KLD capacity (1 no. of 140 KLD, 1 no. of 90 KLD and 1 no. of 40 KLD) Sewage Treatment Plant treated sewage which will be recycled for toilet flushing and greenbelt development.
6. 1,26,355 Sq.m is earmarked as greenbelt development.
7. 7,000 kVA of power is required, which will be sourced from TNEB grid. Back-up power supply is through 14 Nos. of 500 KVA capacities DG Sets with stack height of 5.0 m above the ground level.
8. Total waste estimated to be generated is 3,605 kg/day in which Biodegradable waste (993 kg/day) is treated in organic waste convertor (OWC) within the project site and then used as manure for gardening within project site & Excess sold to vendors . The Non Biodegradable waste (2,586 kg/day) is sent to recyclers. The STP Sludge (26 kg/day) is treated in OWC along with Biodegradable Waste after dewatering and drying process.

(File No.7258/2019)

Proposed Rough stone quarry lease over an extent of 4.77.5ha in S.F.No. 589 (P) at Thoppampatti Village, Palani Taluk, Dindigul District, Tamil Nadu by Thiru. K. Ganesh – For Environmental clearance (SIA/TN/MIN/46094/2019)

1. Government Order / Lease details:


- a. The Quarry lease was applied in the name of Thiru. K. Ganesh, Precise Area Communication was issued by the District Collector, Dindigul vide Rc.No.621/2018(Mines) dated 06.09.2019 for a period of 5 Years. It is a fresh lease for Rough stone quarry over an extent of 4.77.5ha in S.F.No. 589 (P) at Thoppampatti Village, Palani Taluk, Dindigul District, Tamil Nadu.

2. Mining Plan / Scheme of Mining approved details:

- a. The Mining plan was prepared for the period of 5 Years. The mining plan was approved by the Deputy Director, Department of Geology and Mining, Dindigul District vide Roc.No.621/2018 (Mines) dated 23.10.2019.

3. As per the Department of Geology and Mining, Dindigul District. Mining Plan approval for 5 Years, the production schedule for 5 Years states that the total quantity of Rough stone should not exceed 5,17,160m³, Weather formation should not exceed 34,881m³ & Top soil should not exceed 55,578m³

YEAR	ROUGH STONE (m ³)	WEATHERED FORMATION (m ³)	TOPSOIL (m ³)
I	1,03,600	21,593	34,854
II	1,03,070	13,288	20,724
III	1,03,500	-	-
IV	1,01,770	-	-
V	1,05,220	-	-


Signature of the
Project Proponent


Signature of the
consultant
Dr. M. IFTHIKHAR AHMED, M.Sc., M.B.A., Ph.D.
E.I.A Coordinator & Govt. Approved Geologist

4. The quarry operation is proposed up to a depth of 22.5m below ground level.
5. The Quarry operation is proposed to carry out with open cast semi mechanized mining with 5.0m vertical bench and width.
6. Rough Stone are to be transported by Tippers of 6 Nos (20 T Capacity).
7. The project is located at 10°34'33.36"N to 10°34'39.86"N latitude and 77°30'14.90"E to 77°30'23.81"E Longitude, Toposheet No. 58 - F/10.
8. The Total Manpower requirement is 38 Nos.
9. Total cost of the projects is reported to be Rs.74.21 lakhs and EMP cost about Rs. 3.80 lakhs
10. The ground water table is reported to be at the depth of 55m in summer and 50m rainy season.
11. Lease applied area is not covered under HACA region.
12. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area.
13. No Interstate boundary & Western Ghats Boundary within the radius of 10km from the lease area.
14. No National Park & Wild Life Sanctuary within the radius of 10km from the lease area.
15. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km from the lease area.
16. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km.
17. Letter obtained from the Deputy Director, Department of Geology and Mining, Dindigul vide Letter RC. No. 621/2018(Mines) dated 23.10.2019, informed that



Signature of the
Project Proponent




Signature of the
consultant

Dr. M. IFTIKHAR AHMED, M.Sc., M.B.A., Ph.D.
E.I.A Coordinator & Govt. Approved Geologist

"The details of proposed, existing, abandoned, present proposed and future proposed quarries located within 500 meters from the boundary of the applied area in SF. No. 589 (P) over an extent of 4.77.5 hecsts of Thoppampatti Village, Palani Taluk, Dindigul District are given below.

Sl. No.	Name of the quarry Owner	Name of the village & Survey Number	Extent (in Hects)	Distance from this proposed quarry (in meters)
a. Existing Quarries				
	Nil	Nil	Nil	Nil
b. Abandoned Quarries				
	Nil	Nil	Nil	Nil
c. Present Proposed Quarries				
1.	Thiru. K. Ganesh, S/o. Krishnasamy, No. 7A/15, K.G. Pudur, Coimbatore District.	589 (P)	4.77.5	applied area
d. Future proposed quarries				
	Nil	Nil	Nil	Nil


Signature of the
Project Proponent


Signature of the
consultant
Dr. M. IFTHIKHAR AHMED, M.Sc., M.B.A., Ph.D.
E.I.A Coordinator & Govt. Approved Geologist

File No: 7463

**Proposed Construction of 560 Nos. of Residential Tenements at Dr.Santhosh Nagar,
T.S.No. 807/2 pt & 808/1, Egmore Village, Egmore Taluk, Chennai District by
Tamil Nadu Slum Clearance Board**

- i. The project is located at **13°4'41.71"N** latitude and **80°15'22.26"E** longitude.
- ii. The project is new.
- iii. Earlier Clearance details, Construction status- The project is new construction of tenements and the construction activities are not started.
- iv. The total plot area is **5993.33 Sq.m**, FSI area is **4.25** and total construction area of **25472.94 Sq.m**.The project will comprise of **1 Block of S + 14 Floors** Maximum height of the building is **44 m**.
- v. During construction phase, total water requirement is expected to be **21 KLD** which will be met by **Private Water Suppliers**. During the construction phase, the wastewater generated will be treated in the septic tanks followed by soak pits. Temporary sanitary toilets will be provided during peak labor force.
- vi. During operation phase, total water demand of the project is expected to be **382 KLD** and in which **253 KLD** of fresh water will be met from CMWSSB. Wastewater generated is **332 KLD**. About 129 KLD of block water from toilets will be treated in proposed STP having capacity of 150 KLD and 203 KLD of grey water from bathroom, kitchen will be treated through grey water treatment plant of 220 KLD. Part of treated grey water of 129 KLD will be reused for toilet flushing and 5 KLD will be used for greenbelt development. The remaining quantity of treated grey water of 65 KLD along with treated black water of 123 KLD will be disposed into existing Under Ground Drain line (188 KLD) or **188 KLD** will be used for watering roadside plantation and parks maintained by local body and irrigation of agricultural land located around the project site.
- vii. About **1456 Kg/day** solid wastes will be generated in the project. The biodegradable waste (**873.6 Kg/day**) will be processed in OWC and the non-biodegradable waste generated (**582.4 Kg/day**) will be handed over to authorized Recyclers.

- viii. The total power requirement during operation phase is **1240 KVA** and will be met from **Tamil Nadu Generation & Distribution Corporation Ltd.**
- ix. Rooftop rainwater of buildings will be collected in **12 Nos.** RWH Pits and 1 No of RWH Tank of 120 KLD Capacity.
- x. Parking facility of **1108.8 sq.m** will be provided.
- xi. Proposed energy saving measures would save about **10%** of power.
- xii. Palikaranai Marsh Reserve Forest is located in 14.65 Km from the project site in South South West direction.
- xiii. NBWL Clearance and Forest Clearance **are not required.**
- xiv. **No Court Case** is pending against the project.
- xv. Cost of the project is **Rs. 72.5 Crores.**
- xvi. Employment potential
During construction phase of the project, this project will provide employment to about 150 unskilled and semi-skilled labourers.
- xvii. Benefits of the project
The proposed project will provide employment to 150 people on daily average basis during construction phase. The project is involving construction of tenements for slum clearance which provides houses for about 560 families. It also provides them basic amenities like water supply, street lights, storm water drains, sewer line, etc.

SEIAA-TN File No. : 7315/2019

Meeting No: 147

Agenda No: 10

Date: 06.03.2020

1. Government Order / Lease details:

- a. The Quarry lease was applied in the name of Thiru. S. Imran, Viluppuram. Precise Area Communication was issued by the District Collector, Viluppuram letter vide, Rc. No. B/G&M/690/2019, Dated: 01.11.2019 for a period of Five years. It is a fresh lease for Rough Stone quarry over an Extent of 2.00.0Ha in S.F. No. 146 (Part-2A) at Mallapuram Village, Sankarapuram Taluk, Viluppuram District.

2. Mining Plan / Scheme of Mining approved details:

- a. The Mining Plan was got approval by the Assistant Director, Department of Geology and Mining, Viluppuram vide Rc. No. B/G&M/690/2019, dated 21.11.2019.
3. As per the Department of Geology and Mining, Viluppuram District. Mining Plan approval for the 5 years, the production schedule for 5 years states that the total quantity should not exceed 2,51,640m³ of Rough Stone and 5,292m³ of Topsoil formation.
 4. The Quarry operation is proposed up to a depth of 81m (51m Above Ground Level & 30m Below Ground Level).
 5. The Quarry operation is proposed to carry out with open cast semi mechanized mining.
 6. Gravel is to be transported by Tippers – 3 No's. (5/10 Ts Capacity).
 7. The project is locate at 11°56'51"N to 11°57'02"N latitude and 78°52'47"E to 78°52'53"E Longitude.
 8. The total Manpower requirement is 15 Nos.
 9. Total cost of the projects is Rs. 98, 65,000 and EMP cost about Rs. 4, 50,000.
 10. The Water table is found to be at the depth 53m to 50m below ground level.
 11. Lease applied area is not covered under HACA region.

12. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area.
13. There is no Interstate boundary located from the project site.
14. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km from the lease area.
15. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km.
16. No habitation within the radius of the 300m from the lease area as stated in the letter obtained from VAO, Mallapuram Village, Sankarapuram Taluk, Viluppuram District.

1) Existing other quarries:

S. No.	Name of the lessee / Permit Holder	Village & Taluk	S. F. No.	Extent	Lease period	Remarks
Nil						

2) Proposed Area:

S. No.	Name of the applicant	Village & Taluk	S. F. No.	Extent	Remarks
1	S. Imran S/o Sarbuteen, Main Road, Devapandalam, Sankarapuram Taluk	Mallapuram Village & Sankarapuram Taluk	146 (Part-2A)	2.00.0	-
2	N. Pandiayan S/o Narayanan, Devapandalam Village, Sankarapuram Taluk	Mallapuram Village & Sankarapuram Taluk	146 (Part-2C)	2.00.0	-

3) Lease Expired Quarries:

S. No.	Name of the Lessee / Permit Holder	Village & Taluk	S. F. No.	Extent	Lease period
1	M. Peraman, S/o Munusamy, North Street, MALLapuram village, Puthirampattu Post, Sankarapuram Taluk,	Mallapuram Village & Sankarapuram Taluk	146 (Part-3B)	2.00.0	12.04.2010 To 11.04.2015

	Viluppuram				
2	V. Thirumurugan, S/o Vinaiyathan, Main Road, Devapandalam Village & Post, Sankarapuram Taluk, Viluppuram District	Mallapuram Village & Sankarapuram Taluk	146 (Part-3A)	2.00.0	12.07.2010 To 11.07.2015
3	N. Elangovan, S/o Nachiyappan, Devapandalam Village, Sankarapuram Taluk, Viluppuram District	Mallapuram Village & Sankarapuram Taluk	146 (Part-1)	3.00.0	07.09.2009 To 06.09.2019

The Total extent of the area is 2.00.0 Ha.

SEIAA/TN/File.No-7407/2019

1. Government Order / Lease details:

- a. The Quarry lease was applied in the name of M.Parameswari Precise Area Communication was issued by the District Collector, Rc.No. 432/2018 (G & M) dated 09.03.2019 for a period of 5 years. It is a fresh lease for Rough stone quarry over an Extent of 4.10.5Ha in S.F.Nos. : 48/6B, 48/7 of Udaiyalippatti village and S.F.Nos.13/1A,1B,1C & 13/3 Kunrandarkoil village, kulathur Taluk, Pudukkottai District, of Tamil Nadu State for a period of Five Years.

2. Mining Plan / Scheme of Mining approved details:

- a. The Mining plan was prepared for the period of 5 years. The mining plan was got approval from the Assistant Director, Department of Geology and Mining, Pudukkottai District vide Rc.No.432/2018 (G & M) dated 26.12.2019 .

3. As per the Department of Geology and Mining, Pudukkottai District. Mining Plan approval for the 5 years, the production schedule for 5 years states that the total quantity of Rough stone should not exceed 4,98,209 m³ for five years.

- a. For First year - 99511m³ of Rough stone
- b. For Second year - 100827m³ of Rough stone
- c. For Third year - 99020m³ of Rough stone
- d. For Fourth year - 99271m³ of Rough stone
- e. For Fifth year - 99579m³ of Rough stone

4. The quarry operation is proposed up to a depth of 31m bgl.

5. The Quarry operation is proposed to carry out with open cast semi mechanized mining with height 5m and width 5m.

6. Rough stone are to be transported by Tippers of 4 Nos. (10 T Capacity).

7. The project is located at: 10°35'49.30"N to 10°35'57.87"N latitude and: 78°53'55.72"E 78°54'4.95"E Longitude.

8. The total Manpower requirement is 20Nos.

9. Total cost of the projects is Rs.75,50,000 Lakhs and EMP cost about Rs. 5 lakhs

SEIAA/TN/File.No-7407/2019

10. The Water table is found at the depth of 50m from below the surface in the adjacent open wells of the area.
11. Lease applied area is not covered under HACA region.
12. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area.
13. Tamil Nadu-Kerala boundary – 186km (SW) B2 Project it is exempted under General Conditions of EIA Notification 2006
14. No National Park & Wild Life Sanctuary within the radius of 10km from the lease area.
15. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km from the lease area.
16. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km.
17. No habitation within the radius of the 300m from the lease area as stated in the letter obtained from VAO, Udaiyalippatti village and Kunrandarkoil Village, kulathur Taluk, Pudukkottai District.
18. Letter obtained from the Assistant Director, Department of Geology and Mining, Pudukkottai vide Letter RC. No. 432/2018/G&M dated 13.09.2019 enclosed. that the details of the existing and abandoned quarries within 500m radius from the proposed Rough Stone quarry as follows.

SEIAA/TN/File.No-7407/2019

1) Details of Existing quarries:

S. No.	Name of the lessee / Permit Holder	Village & Taluk	S. F. No.	Extent	Lease period	Remarks
-	NIL	NIL				

2) Details of Abandoned Quarry:

S. No.	Name of the applicant	Village & Taluk	S. F. No.	Extent	Remarks
-	NIL	NIL			

3) Details of proposed quarry:

S. No.	Name of the Lessee / Permit Holder	Village & Taluk	S. F. No.	Extent	Name of Mineral	Remarks
1.	M. Parameswari, W/o Manikandan T.S.No.5644, South 4th Street, Pudukkottai.	Udaiyalippatti & Kunrandarkoil village & Kulathur Taluk	48/6B, 48/7, and 13/1A,1B,1C & 13/3	4.10.5	ROUGH STONE	----

The Total extent of the Existing / Proposed quarries is 4.10.5 ha. only.

1. Government Order / Lease details:

- a. The Quarry lease was applied in the name of Thiru.U.Vinothkumar, Ramanathapuram. Precise Area Communication was issued by the District Collector, Ramanathapuram vide Rc.No. 1196/G&M.2/2018.dated 23.01.2019 for a period of one year. It is a fresh lease for gravel quarry over an Extent of 3.75.0Ha (Patta land) in S.F.Nos. 218/1A, 218/2A, 218/3A, 227/1, 227/2, 228/2, 231/4A & 231/4B at Sudiyr village, Paramakudi Taluk, Ramanathapuram District.
- b. Lease area is divided in to 3 blocks namely Block-1, II & III.
- c. Entire lease area is a Patta land, owned by Applicant vide patta No.8422

2. Mining Plan / Scheme of Mining approved details:

- a. The Mining plan was prepared for the period of one year. The mining plan was approved from the Assistant Director, Department of Geology and Mining, Ramanathapuram District vide Rc.No. 1196/G&M.2/2018 dated 11.02.2019.

3. As per the Department of Geology and Mining, Ramanathapuram District. Mining Plan approval for the one year, the production schedule for one year states that the total quantity of 55,670m³ of Gravel.**4. Depth of Mining is 2 m only using opencast semi mechanized mining without drilling and blasting.****5. Gravel material will be loaded by hydraulic excavator or JCB. Hauling will be done through Tippers directly from mine area to the consumer. (10T capacity).**

The project is locate at **S.F.Nos. 218/1A, 218/2A, 218/3A, 227/1, 227/2 & 228/2, 231/4A & 231/4B.**

6. Latitude: 09°36'20"N to 09°36'28"N,Longitude: 78°29'43"E to 78°29'54"E

Latitude: 09°36'12"N to 09°36'16"N,Longitude: 78°29'38"E to 78°29'41"E

Toposheet Number: 58 K/6,7,10,11.

7. The total Manpower requirement is 10 Nos. (Permanent:7, Temporary: 3)**8. Total cost of the projects is Rs.12,60,000/- (Including Project + EMP cost).**

EMP cost about Rs.2,10,000/- lakhs.

9. The ground water table in the area is around 35m BGL.**10. Lease applied area is not covered under HACA region.****11. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area.****12. No Interstate boundary with in 10Km Radius of lease Area.**

13. **Wild Life Sanctuary:** Nil within 10km radius

14. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km from the lease area.

15. No habitation within the radius of the 300m from the lease area as stated in the letter obtained from VAO, Sudiyr village, Paramakudi Taluk, Ramanathapuram District.

16. Letter obtained from the Assistant Director, Department of Geology and Mining, Ramanathapuram vide Rc.No. 1196/G&M.2/2018 dated 16.08.2019. The details of the existing, abandoned and proposed quarries within 500m radius from the proposed Rough Stone quarry as follows.

Sl.No	Name of the Quarry Owner	Name of Village & S.F.No.	Extent in Hect.	Lease Period	Remarks
I).Existing Quarries					
Nil					
II). Proposed Area.					
1	U.Vinothkumar	218/1A, 218/2A, 218/3A, 227/1, 227/2, 228/2, 231/4A & 231/4B	3.75.0	1 year	-
III).Lease Expired and Abandoned Quarries					
S.No	Name of the owner	S.F.No.	Extent (hect)	Lease Period	Remarks.
1.	Thiru.V.Muniyasamy, Manambakkam	202/4,202/5E,208/3	1.40.5 Hects	11 Months	Expired
2.	Thiru.P.Nagalingam, Mudukulathur	228/7B,228/8, 230/1,2,3,230/4A,230/4E,	3.86.5 Hects	11 Months	Expired
3.	Thiru.P.Duraipandiyan, Sudiyr	207/1,4,208/5,7B,210/1B,1E, 2B,2E,2D,212/1,4,213/4,5	4.80.0 Hects	1 Year	Expired
4.	Thiru.S.Ramaprabhu	215/1	2.90.5 Hects	1 Year	Expired
5.	Thiru.R.Janakiraman	204/2,207/2,6,212/8	3.05.5 Hects	1 Year	Expired
6.	Thiru.M.K.Thavamani	209/1,210/1A,210/2A,211/1B , 213/9,228/1	4.76.5 Hects	1 Year	Expired
7.	Thiru.P.Jeyaprakash	212/7B,214/2, 218/4,228/4B,228/5	3.75.5 Hects	1 Year	Expired
8.	Tmt.Umarani	216/1,217/1A	1.11.0 Hects	6 Months	Expired

1. Government Order / Lease details:

- a. The Quarry lease was applied in the name of Thiru.P.Rajendran, Tirunelveli, Precise Area Communication was issued by the District Collector, Tirunelveli vide Rc.No: M1/11657/2017 dated 18.02.2019 for a period of 5 years. It is a fresh lease for Rough Stone, Jelly and Gravel Quarry over an Extent of 2.38.0Ha in S.F.No.280/6 at Anaikulam Village, Veerakeralampudur Taluk, Tirunelveli District.
- b. Entire lease area is patta land registered in the name of Applicant vide patta no.1479.

2. Mining Plan / Scheme of Mining approved details:

- a. The Mining plan was prepared for the period of 5 years. The mining plan was got approved from the Deputy Director, Department of Geology and Mining, Tirunelveli District vide Rc.No: M1/11657/2017, Dated: 07.08.2019.

3. As per the Department of Geology and Mining, Tirunelveli District. Mining Plan approval for the 5 years, the production schedule for 5 years states that the total quantity of 4,02,450m³ of Rough stone, 35,700m³ of Weathered rock formation and 18,408m³ of Gravel formation.

YEAR	ROUGHSTONE IN m³	WEATHERED ROCK IN m³	OF GRAVEL IN m³
I	80800	32640	16744
II	81690	3060	1664
III	80475	-	-
IV	80260	-	-
V	79225	-	-
Total	402450	35700	18408

4. The quarry operation is proposed depth of 53m (from + 150m RL to 97m RL).
5. The Quarry operation is proposed to carry out with open cast semi mechanized mining with bench height of 5.0m & 5m width is considered.
6. Rough Stone, Jelly and Gravel are to be transported by Tippers of 61 Nos. (10T capacity).
7. The project is locate at Latitude: 09°00'03"N to 09°00'11"N, Longitude: 77°28'21"E to 77°28'26"E. **Toposheet Number: 58 G / 8, 12, 58 H/ 5 & 9.**
8. The total Manpower requirement is 22Nos. (Permanent:14, Temporary: 8)

9. Total cost of the projects is Rs.78,62,000/- (Including Operational + Fixed Asset + EMP cost).

EMP cost about Rs.5,10,000/- lakhs.

10. The ground water table is at a depth of 73m to 70m BGL.

11. Lease applied area is not covered under HACA region.

12. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area.

13. No Interstate boundary with in 10Km Radius of lease Area.

14. Wild Life Sanctuary:

Kalakad Mundanthurai Tiger Reserve 21.3Km (SW) side.

Nellai Wild Life Sanctuary 20.0Kms (NW) side.

15. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km from the lease area.

16. No habitation within the radius of the 300m from the lease area as stated in the letter obtained from VAO, Anaikulam Village, Veerakeralampudur Taluk, Tirunelveli District dated 22.08.2019.

17. Letter obtained from the Deputy Director, Department of Geology and Mining, Tirunelveli vide Letter Rc.No: M1/11657/2017, dated 07.08.2019 informed that the details of the existing, abandoned and proposed quarries within 500m radius from the proposed Rough Stone quarry as follows.

S.N	Name of the Lessee	Village & S.F.No	Extent - Hectares
1.Existing Quarries			
1	Thiru.Abdul Ali, Vadakarai	Veerakeralampudur Taluk, Surandai Village, S.F.Nos.1/2, etc.,	4.00.0Ha
2.Abandoned Quarries			
1	Thiru.N.H.M.Pandian, S/o.Navaneethakrishna, Veerakeralampudur Taluk, Tirunelveli District.	Veerakeralampudur Taluk, Surandai Village, S.F.No.303	3.10.0Ha
3.Proposed Quarries			
1	Thiru.P.Rajendran, No.14-1, Panchayat Middle School Street, Surandai (TP), Tenkasi Taluk, Tirunelveli District.	Veerakeralampudur Taluk, Anaikulam Village, S.F.No.280/6	2.38.0Ha

The total lease within the 500m radius (existing + proposed) works out to 6.38.0ha including this lease area and as such **TOR requested.**

(File No.7341/2019)

Proposed Rough stone and Gravel quarry lease over an extent of 3.56.0ha in S.F.Nos.40/13C (P), 41/1B1A, 41/1B1B, 41/1B1C, 41/1B1D, 41/1B1E, 41/1B2A, 41/1B2B, 41/1B2C, 41/1B2D, 41/1B2E & 41/1B2F of Eyyil Village and S.F.Nos.168/1B1, 168/1B2 & 168/2 (P) of Melnemili Village, Melmalayanur Taluk, Viluppuram District, Tamil Nadu by Thiru. A. Rajadathan – For Environmental clearance
(SIA/TN/MIN/45047/2019)


1. Government Order / Lease details:

- a. The Quarry lease was applied in the name of Thiru. A. Rajadathan, Precise Area Communication was issued by the District Collector, Viluppuram vide Rc.No.B/G&M/1024/2017, dated 02.08.2019 for a period of 5 Years. It is a fresh lease for Rough stone and Gravel quarry lease over an extent of 3.56.0ha in S.F.Nos.40/13C (P), 41/1B1A, 41/1B1B, 41/1B1C, 41/1B1D, 41/1B1E, 41/1B2A, 41/1B2B, 41/1B2C, 41/1B2D, 41/1B2E & 41/1B2F of Eyyil Village and S.F.Nos.168/1B1, 168/1B2 & 168/2 (P) of Melnemili Village, Melmalayanur Taluk, Viluppuram District, Tamil Nadu.

2. Mining Plan / Scheme of Mining approved details:

- a. The Mining plan was prepared for the period of 5 Years. The mining plan was approved by the Assistant Director, Department of Geology and Mining, Viluppuram District vide Rc. No. B/G&M/1024/2017, dated 11.10.2019.

3. As per the Department of Geology and Mining, Viluppuram District. Mining Plan approval for 5 Years, the production schedule for 5 Years states that the total quantity of Rough stone should not exceed 2,14,552m³, Weather formation should not exceed 46,782m³ & Top soil should not exceed 36,820m³


Signature of the
Project Proponent


Signature of the
consultant
Dr. M. IFTHIKHAR AHMED, M.Sc., M.B.A., Ph.D.
E.I.A Coordinator & Govt. Approved Geologist

YEAR	ROUGH STONE (m ³)	WEATHERED ROCK (m ³)	TOPSOIL (m ³)
I	42,500	29,256	22,800
II	42,625	9,660	7,000
III	45,152	7,866	7,020
IV	42,485	-	-
V	41,790	-	-

4. The quarry operation is proposed up to a depth of 25m below ground level.
5. The Quarry operation is proposed to carry out with open cast semi mechanized mining with 5.0m vertical bench and width.
6. Rough Stone are to be transported by Tippers of 2 Nos (20 T Capacity).
7. The project is located at 12°24'26.03"N to 12°24'38.08"N latitude and 79°20'12.69"E to 79°20'22.26"E Longitude, Toposheet No. 57 – P/07.
8. The Total Manpower requirement is 25 Nos.
9. Total cost of the projects is reported to be Rs.42.38 lakhs and EMP cost about Rs. 3.80 lakhs
10. The ground water table is reported to be at the depth of 56m in summer and 52m rainy season.
11. Lease applied area is not covered under HACA region.
12. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area.
13. No National Park & Wild Life Sanctuary within the radius of 10km from the lease area.
14. No Interstate boundary & Western Ghats Boundary within the radius of 10km from the lease area.
15. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km from the lease area.

R. Jandakatti
Signature of the
Project Proponent

M. Ifthikhar Ahmed
Signature of the
consultant
Dr. M. IFTHIKHAR AHMED, M.Sc., M.B.A., Ph.D.
E.I.A Coordinator & Govt. Approved Geologist

16. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km.

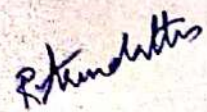
17. Letter obtained from the Assistant Director, Department of Geology and Mining, Viluppuram vide Letter RC. No. B/G&M/1024/2017, dated 11.10.2019, informed that the details of existing and abandoned quarries located within 500 mts. radius from the proposed Rough stone and Gravel quarry are as follows.

I. Existing other quarries:

Sl. No.	Name of the lessee / permit holder	Name of the Mineral	Taluk & Village	S.F. nos.	Extent (in hec)	Lease period	Remarks
— Nil —							

II. Proposed Area:

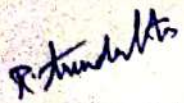
Sl. No.	Name of the lessee / permit holder	Name of the Mineral	Taluk & Village	S.F. nos.	Extent (in hec)	Remarks	
1.	Thiru. A. Rajadathan, S/o. Appandai, 69B, Melandai Street, Eyyil, Melmalayanur Taluk, Viluppuram District	Rough Stone & Gravel	Melmalayanur & Eyyil	40/13C (P)	0.45.5	-	
				41/1B1A	0.42.0		
				41/1B1B	0.03.0		
				41/1B1C	0.09.0		
				41/1B1D	0.07.5		
				41/1B1F	0.03.5		
				41/1B2A	0.26.0		
				41/1B2B	0.23.0		
				41/1B2C	0.19.0		
				41/1B2D	0.16.0		
				41/1B2E	0.12.5		
				41/1B2F	0.02.0		
			Mel Nemili	168/1B1	0.19.0		
				168/1B2	0.66.0		
				168/2 (P)	0.62.0		
				3.56.0			


Signature of the
Project Proponent


Signature of the
consultant
Dr. M. IFTHIKHAR AHMED, M.Sc., M.B.A., Ph.D.
E.I.A Coordinator & Govt. Approved Geologist

III. Lease Expired:

Sl. No.	Name of the lessee / permit holder	Name of the Mineral	Taluk & Village	S.F. nos.	Extent (in hecets)	Lease period	Remarks
— Nil —							


Signature of the
Project Proponent


Signature of the
consultant
Dr. M. IFTHIKHAR AHMED, M.Sc., M.B.A., Ph.D.
E I A Coordinator & Govt. Approved Geologist

SEIAA/TN/File.No-7322/2019

1. Government Order / Lease details:
 - a. The Quarry lease was applied in the name of The executive Engineer Precise Area Communication was issued by the District Collector, Roc.No. 352/Mines/2018 dated 17.06.2019 for a period of 3 years. It is a fresh lease for quarrying of sand from River Coleroon in S.F.No.1(P), over an Extent of 2.25.0 Hectares, Kothangudi Village of Kumbakonam Taluk, Thanjavur District of Tamil Nadu State for a period of 3 years.
2. Mining Plan / Scheme of Mining approved details:
 - a. The Mining plan was prepared for the period of 3 years. The mining plan was got approval from the Assistant Director, Department of Geology and Mining, Thanjavur District vide Rc No: 352/Mines/2018 dated 12.09.2019.
3. As per the Department of Geology and Mining, Thanjavur District. Mining Plan approval for the 3 years, the production schedule for 3 years states that the total quantity of sand should not exceed 48960 m³ For 3 years.
 - a. Production for First Year - 16320 m³
 - b. Production for Second Year - 16320m³
 - c. Production for Third Year - 16320m³
4. The quarry operation is proposed an average depth of 1.0m.
5. The Mining would be carried out by Manual method, using labours to directly load the sand from river bed into bullock cart and bench depth shall be 1.0m
6. Sand is to be transported by Bullock Cart (Length 4-29m and Width -1.49m).
7. The project is located at: 11°01'02.94"N to 11°01'09.27"N latitude and: 79°19'06.62"E to 79°19'13.09"E.Longitude.
8. The total Manpower requirement is 28Nos.
9. Total cost of the projects is Rs.7.75 Lakhs and EMP cost about Rs. 3.67 lakhs
10. The Water table is found at the depth of 4-5m from below the ground level.
11. Lease applied area is not covered under HACA region.
12. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area.

SEIAA/TN/File.No-7322/2019

13. Tamil Nadu-Kerala state boundary – 265km (W) B2 Project it is exempted under General Conditions of EIA Notification 2006
14. No National Park & Wild Life Sanctuary within the radius of 10km from the lease area.
15. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km from the lease area.
16. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km.
17. No habitation within the radius of the 300m from the lease area as stated in the letter obtained from VAO, Kothangudi Village, Kumbakonam Taluk, Thanjavur District dated 04.12.2019.
18. Letter obtained from the Assistant Director, Department of Geology and Mining, Thanjavur vide Letter RoC. No. 352/Mines/2018, dated 05.12.2019 that the details of the existing and abandoned quarries within 500m radius from the proposed Sand as follow.

1) Details of Existing quarries:

S. No.	Name of the lessee / Permit Holder	Village & Taluk	S. F. No.	Extent	Lease period	Remarks
NIL						

2) Details of Abandoned Quarry:

S. No.	Name of the Lessee / Permit Holder	Village & Taluk	S. F. No.	Extent	Name of Mineral	Remarks
1	The executive Engineer, Public Works Department, Thanjavur.	Kothangudi Village & Kumbakonam Taluk	1(P)	8.00.0	Sand	Lease on expired 31.03.2017

SEIAA/TN/File.No-7322/2019

3) Details of proposed quarry:

S. No.	Name of the Lessee / Permit Holder	Village & Taluk	S. F. No.	Extent	Name of Mineral	Remarks
1	The executive Engineer, Public Works Department, Thanjavur.	Kothangudi Village & Kumbakonam Taluk	1(P)	2.25.0	Sand	--

The Total extent of the Existing / Proposed quarries is 2.25.0 ha only.

SEIAA/TN/File.No-7333/2019

1. Government Order / Lease details:
 - a. The Quarry lease was applied in the name of The executive Engineer Precise Area Communication was issued by the District Collector, Roc.No. 215/Mines/2018 dated 24.10.2019 for a period of one year. It is a fresh lease for quarrying of Sand from River Coleroon in S.F.No. 44(p), over an Extent of 4.95.0Hectares, Karupperi Village of Kattumanarkoil Taluk, Cuddalore District and Tamil Nadu State for a period of one year.
2. Mining Plan / Scheme of Mining approved details:
 - a. The Mining plan was prepared for the period of one year. The mining plan was got approval from the Assistant Director, Department of Geology and Mining, Cuddalore District vide Rc No: 215/Mines/2018 dated 25.11.2019.
3. As per the Department of Geology and Mining, Cuddalore District. Mining Plan approval for the one year, the production schedule for one year states that the total quantity of sand should not exceed 49500m³ for one year.
 - a. Production for one year - 49500 m³
4. The quarry operation is proposed an average depth of 1.0m.
5. The Mining would be carried out by opencast method semi mechanized means using Excavator and tippers. It is a shallow quarrying to a depth of 1.0m and there is no bench formed.
6. Loading of sand shall be done Hydraulic Excavator into tippers.
7. The project is located at: 11° 13'46.50"N to 11°13'56.80"N latitude and: 79°36'13.40"E to 79°36'23.10"E.Longitude.
8. The total Manpower requirement is 12 Nos.
9. Total cost of the projects is Rs.25 Lakhs and EMP cost about Rs. 4.0 lakhs
10. The Water table is found at the depth of 6-8m from below the ground level.
11. Lease applied area is not covered under HACA region.
12. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area.

SEIAA/TN/File.No-7333/2019

13. Tamil Nadu-Andhra Pradesh boundary – 220km (N) B2 Project it is exempted under General Conditions of EIA Notification 2006
14. No National Park & Wild Life Sanctuary within the radius of 10km from the lease area.
15. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km from the lease area.
16. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km.
17. No habitation within the radius of the 300m from the lease area as stated in the letter obtained from VAO, Karupperi Village of Kattumanarkoil Taluk, Cuddalore District dated 13.12.2019.
18. Letter obtained from the Assistant Director, Department of Geology and Mining, Cuddalore vide Letter RoC. No. 215/Mines/2018, dated 12.12.2019 that the details of the existing and abandoned quarries within 500m radius from the proposed Sand as follow.

a) **Details of present proposed quarry:**

S. No.	Name of the Lessee / Permit Holder	Village & Taluk	S. F. No.	Extent	Name of Mineral	Remarks
1	The executive Engineer, Public Works Department, WRD, Mining and Monitoring Division, Viluppuram.	Karupperi & Kattumanarkoil Taluk	44(P)	4.95.0/71.54.60 Hects	Sand	--

SEIAA/TN/File.No-7333/2019

b) Details of Existing quarries:

S. No.	Name of the lessee / Permit Holder	Village & Taluk	S. F. No.	Extent	Lease period	Remarks
NIL						

c) Details of Abandoned Quarry:

S. No.	Name of the Lessee / Permit Holder	Village & Taluk	S. F. No.	Extent	Name of Mineral	Remarks
NIL						

The Total extent of the Existing / Proposed quarries is 4.95.0 ha only.

PUBLIC WORKS DEPARTMENT

The Proposal is for mining of river Coleroon sand by the Executive Engineer, PWD/WRD, Mines and Monitoring Division, Villupuram. The salient features of the proposal are as follows:

SI No	Details of the Proposal	:	Data furnished
1	Name of the Owner / Firm	:	Executive Engineer, Public Works Department, Water Resources Department, Mines and Monitoring Division, Villupuram.
2	Type of quarrying (Savudu / Rough Stone / Sand / Geanite)	:	River sand quarrying
3	Name of the River	:	River Coleroon
4	S.F. No. of the quarry site with area break - up	:	44 (Part)
5	Village, Town Panchayat / panchayat Union in which situated	:	Karupperi Village
6	Taluk in which situated	:	Kattumanarkoil Taluk
7	District in which situated	:	Cuddalore District
8	Extent of quarry (in ha.)	:	4.95.0 ha
9	Proof of land ownership. If owned, Patta copy. If not own patta land, agreement / lease copy entered with the owner (to be enclosed) details	:	Copy of "A" Register furnished
10	New or existing quarry	:	New
11	Period of quarrying proposed	:	One years
12	Production (Quantity in M ³)	:	49,500 M ³
13	Method of Mining (Manual or Mechanised)	:	Open cast Semi Mechanised method of mining
14	Length Width & Depth of the proposed quarry in meters	:	1.0 m below the existing level
16	Topo Sheet No.	:	58 – M/12

17	Brief details of APC measures proposed to be implemented	:	Sprayed of water for dust suppression
18	Mine Closure plan to be furnished in Mining Plan	:	No specific plan. Reported that the mined out area will get replenished due to rain and flooding.
19	Minning Plan prepared by (Xerox Copy of Certificate to be attached)	:	S.SURIYAKUMAR, RQP & EIA Coordinator Mining – “A” Cat. Aadhi Boomi Mining & Enviro Tech(P) Ltd, Salem NABET Accredited EIA Consultant – “A” Cat. NABET Accreditation No: NABET/EIA/1821/RA 0103
20	Preceiis area communication approved by the District Collector with date	:	R.C.No. 215/Mines/2018 Dated 24.10.2019.
21	Rate of Replenishment of sand	:	Not furnished
22	Mining plan approved by the Assistant Director of the Tiruchirappalli District with date	:	The Mining Plan was approved by the Assistant Director, Department of Geology and Mining, Cuddalore vide R.C.No.215/Mines/2018 Dated:25.11.2019.
23	Water requirement: Drinking & domestic purpose (in KLD) Dust suppression (in KLD) Green Belt (in KLD)	:	6.0KLD 1.5KLD 2.5KLD 2.0KLD
24	Depth of Ground water table :	:	6-8 mts Below Ground Level
25	Project Cost (excluding EMP cost)	:	25,00,000/-
26	EMP cost with break – up details	:	4,00,000/-
27	R.L upstream	:	10.014 Mts
28	R.L downstream	:	10.263 Mts
29	R.L of starting point of mining site	:	10.014 Mts
30	R.L of end point of Mining site	:	10.263 Mts
31	Starting km., of the mining site of the river.	:	128/00 KM
32	Ending km ., of the mining site of the river	:	127/700 KM
33	Any shoals proposal? If yes details	:	No
34	Total width of the River at 50 m intervals of the quarry length	:	Furnished
35	No. of Man power	:	12
36	Plan showing		
a)	Bunds on either side of the river	:	Furnished
b)	Distance between bunds and the site on either side of the River	:	More than 50 Mts

The salient features of the project and the Environmental impact Assessment as presented by the proponent are as follows:

1. Government order / lease details:

- a) The Quarry lease was applied in the name of Executive Engineer, Mines and Monitoring Division Villupuram District, Precise area communication letter was issued by the District Collector, Cuddalore District Vide Letter No R.C.No. 215/Mines/2018 Dated 24.10.2019. It is a fresh lease for sand Quarry for over an extent of 4.95.0 Ha in S.F. No:44 (P) of Karupperi Village, Kattumanarkoil Taluk, Cuddalore District.

2. Mining Plan / Scheme of Mining approval details :

- a. Mining Plan was prepared for the period of One Year. The mining plan was got approval from the Assistant Director, Department of Geology and Mining, Cuddalore District Vide letter No. R.C.No.215/Mines/2018 Dated:25.11.2019.

3. As per the Department of Geology and Mining, Cuddalore District. Mining Plan approval for the 1 year, the production schedule for 1 year states that the total quantity of should not exceeded 49,500 M³

4. The quarry operation is proposed upto a depth of 1 m below the existing level.

5. The Quarry operation is proposed to carry out with open cast semi mechanized mining like excavator (Without drilling and blasting)

6. Sand are to be transported by Tipper (10 / 20 T Capacity)

7. The project is locate at 11°13'46.50"N to 11°13'56.80"N latitude and 79°36'13.40"E to 79°36'23.10"E longitude.

8. The total Manpower requirement is 12 Nos.

9. Total cost of the project is Rs. 25,00,000/- and EMP Cost about Rs. 4,00,000/-

10. The water table is found to be at the depth of 6-8 m below the ground level

11. Lease applied area is not covered under HACA region.

12. No Coastal Regulation zone (CRZ) within the radius of 10 m from the lease area

13. No interstate boundary & western Ghats Boundary within the radius of 10 km from the lease area.

14. No National Park & wild life sanctuary within the radius of 10 km from the lease area
15. No critically polluted area as notified by the central pollution Control board constituted under water (Prevention and Control of Pollution Act 1974 within the radius of 10 km.
16. No protected Area, Eco Sensitive Zone & Eco sensitive area within the radius of 10 km.
17. No habitation within the radius of the 300 m from the lease area.
18. Letter obtained from the Assistant Director, Department of Geology and Mining, Cuddalore Vide Letter R.C. No 215 / mines / 2018, dated 12.12.2019 about the details of the quarries (Proposed / Existing / Abandoned quarries) within a radius of 500 from the boundary of the proposal quarry site as follows.

Type of Mineral	Proposal quarries	Existing Quarries	Expired quarries	Abandoned Quaarries
Sand	Karupperi Sand quarry for over an Extent of 4.95.0 Ha in S.F.No. 44 (P) Government land (River Coleroon) in KarupperiVillage, Kattumanarkoil Taluk, Cuddalore District, Tamilnadu.	Nil	Nil	Nil

SEIAA/TN/File.No-7334/2019

1. Government Order / Lease details:
 - a. The Quarry lease was applied in the name of The executive Engineer Precise Area Communication was issued by the District Collector, Roc.No. 160/Mines/2018 dated 24.10.2019 for a period of One year. It is a fresh lease for quarrying of Sand from River Gadilam in S.F.No. 262 (P), over an Extent of 4.80.0 Hectares, Kamatchipettai Village, Panruti Taluk, Cuddalore District of Tamil Nadu State for a period of One year.
2. Mining Plan / Scheme of Mining approved details:
 - a. The Mining plan was prepared for the period of One year. The mining plan was got approval from the Assistant Director, Department of Geology and Mining, Cuddalore District vide Rc No: 160/Mines/2018 dated 25.11.2019.
3. As per the Department of Geology and Mining, Cuddalore District. Mining Plan approval for the One year, the production schedule for One year states that the total quantity of sand should not exceed 48000m³ For One year.
 - a. Production for One year - 48000 m³
4. The quarry operation is proposed an average depth of 1.0m.
5. The Mining would be carried out by opencast method semi mechanized means using Excavator and tippers. It is a shallow quarrying to a depth of 1.0m and there is no bench formed.
6. Loading of sand shall be done Hydraulic Excavator into tippers.
7. The project is located at: 11o44'46.24"N to 11o44'58.57"N latitude and: 79°28'6.42"E to 79°28'16.76"E Longitude.
8. The total Manpower requirement is 9Nos.
9. Total cost of the projects is Rs.22.5 Lakhs and EMP cost about Rs. 4.0 lakhs
10. The Water table is found at the depth of 10m from below the ground level.
11. Lease applied area is not covered under HACA region.
12. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area.

SEIAA/TN/File.No-7334/2019

13. Tamil Nadu-Andhrapradesh boundary – 145km (NE) B2 Project it is exempted under General Conditions of EIA Notification 2006
14. No National Park & Wild Life Sanctuary within the radius of 10km from the lease area.
15. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km from the lease area.
16. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km.
17. No habitation within the radius of the 300m from the lease area as stated in the letter obtained from VAO, Kamatchipettai Village, Panruti Taluk, Cuddalore District dated 13.12.2019.
18. Letter obtained from the Assistant Director, Department of Geology and Mining, Cuddalore vide Letter RoC. No. 160/Mines/2018, dated 12.12.2019 that the details of the existing and abandoned quarries within 500m radius from the proposed Sand as follow.

1) **Details of Present proposed quarry:**

S. No.	Name of the Lessee / Permit Holder	Village & Taluk	S. F. No.	Extent	Name of Mineral	Remarks
1	The executive Engineer, Public Works Department, WRD, Mining and Monitoring Division Viluppuram.	Kamatchipettai & Panruti Taluk	262(p)	4.80.0 / 28.90.0 Hects	Sand	--

SEIAA/TN/File.No-7334/2019

b) Details of Existing quarries:

S. No.	Name of the lessee / Permit Holder	Village & Taluk	S. F. No.	Extent	Lease period	Remarks
NIL						

c) Details of Abandoned Quarry:

S. No.	Name of the Lessee / Permit Holder	Village & Taluk	S. F. No.	Extent	Name of Mineral	Remarks
1	The executive Engineer, Public Works Department, WRD, Vellar Basin Division Virudhachalam.	Kamatchipettai & Panruti Taluk	262(p)	5.60.0 / 28.90.0 Hects	Sand	---

d). Future Proposed quarries

S. No.	Name of the lessee / Permit Holder	Village & Taluk	S. F. No.	Extent	Lease period	Remarks
NIL						

The Total extent of the Existing / Proposed quarries is 4.80.0 ha only.

PUBLIC WORKS DEPARTMENT

The Proposal is for mining of river Gadilam sand by the Executive Engineer, PWD/WRD, Mines and Monitoring Division, Villupuram. The salient features of the proposal are as follows:

SI No	Details of the Proposal	:	Data furnished
1	Name of the Owner / Firm	:	Executive Engineer, Public Works Department, Water Resources Department, Mines and Monitoring Division, Villupuram.
2	Type of quarrying (Savudu / Rough Stone / Sand / Geanite)	:	River sand quarrying
3	Name of the River	:	River Gadilam
4	S.F. No. of the quarry site with area break - up	:	262 (Part)
5	Village, Town Panchayat / panchayat Union in which situated	:	Kamatchipettai Village
6	Taluk in which situated	:	Panruti Taluk
7	District in which situated	:	Cuddalore District
8	Extent of quarry (in ha.)	:	4.80.0 ha
9	Proof of land ownership. If owned, Patta copy. If not own patta land, agreement / lease copy entered with the owner (to be enclosed) details	:	Copy of "A" Register furnished
10	New or existing quarry	:	New
11	Period of quarrying proposed	:	One years
12	Production (Quantity in M ³)	:	48,000 M ³
13	Method of Mining (Manual or Mechanised)	:	Open cast Semi Mechanised method of mining
14	Length Width & Depth of the proposed quarry in meters	:	1.0 m below the existing level
16	Topo Sheet No.	:	58 – M/6

17	Brief details of APC measures proposed to be implemented	:	Sprayed of water for dust suppression
18	Mine Closure plan to be furnished in Mining Plan	:	No specific plan. Reported that the mined out area will get replenished due to rain and flooding.
19	Minning Plan prepared by (Xerox Copy of Certificate to be attached)	:	S.SURIYAKUMAR, RQP & EIA Coordinator Mining – “A” Cat. Aadhi Boomi Mining & Enviro Tech(P) Ltd, Salem NABET Accredited EIA Consultant – “A” Cat. NABET Accreditation No: NABET/EIA/ 1821/RA 0103
20	Preceiis area communication approved by the District Collector with date	:	R.C.No. 160/Mines/2018 Dated 24.10.2019.
21	Rate of Replenishment of sand	:	Not furnished
22	Mining plan approved by the Assistant Director of the Tiruchirappalli District with date	:	The Mining Plan was approved by the Assistant Director, Department of Geology and Mining, Cuddalore vide R.C.No.160/Mines/2018 Dated:25.11.2019.
23	Water requirement: Drinking & domestic purpose (in KLD) Dust suppression (in KLD) Green Belt (in KLD)	:	6.0KLD 1.5KLD 2.5KLD 2.0KLD
24	Depth of Ground water table :	:	10 mts Below Ground Level
25	Project Cost (excluding EMP cost)	:	22,50,000/-
26	EMP cost with break – up details	:	4,00,000/-
27	R.L upstream	:	31.43 Mts
28	R.L downstream	:	30.50 Mts
29	R.L of starting point of mining site	:	31.43 Mts
30	R.L of end point of Mining site	:	30.50 Mts
31	Starting km., of the mining site of the river.	:	75/80 KM
32	Ending km ., of the mining site of the river	:	76/20 KM
33	Any shoals proposal? If yes details	:	No
34	Total width of the River at 50 m intervals of the quarry length	:	Furnished
35	No. of Man power	:	9
36	Plan showing	:	
a)	Bunds on either side of the river	:	Furnished
b)	Distance between bunds and the site on either side of the River	:	More than 50 Mts

The salient features of the project and the Environmental impact Assessment as presented by the proponent are as follows:

1. Government order / lease details:
 - a) The Quarry lease was applied in the name of Executive Engineer, Mines and Monitoring Division Villupuram District, Precise area communication letter was issued by the District Collector, Cuddalore District Vide Letter No. R.C.No. 160/Mines/2018 Dated 24.10.2019. It is a fresh lease for sand Quarry for over an extent of 4.80.0 Ha in S.F. No:262 (P) of Kamatchipettai Village, Panruti Taluk, Cuddalore District.
2. Mining Plan / Scheme of Mining approval details :
 - a. Mining Plan was prepared for the period of One Year. The mining plan was got approval from the Assistant Director, Department of Geology and Mining, Cuddalore District Vide letter No. R.C.No.160/Mines/2018 Dated:25.11.2019.
3. As per the Department of Geology and Mining, Cuddalore District. Mining Plan approval for the 1 year, the production schedule for 1 year states that the total quantity of should not exceed 48,000 M³
4. The quarry operation is proposed upto a depth of 1 m below the existing level.
5. The Quarry operation is proposed to carry out with open cast semi mechanized mining like excavator (Without drilling and blasting)
6. Sand are to be transported by Tipper (10 / 20 T Capacity)
7. The project is locate at 11°44'46.24"N to 11°44'58.57"N latitude and 79°28'6.42"E to 79°28'16.76"E longitude.
8. The total Manpower requirement is 9 Nos.
9. Total cost of the project is Rs. 22,50,000/- and EMP Cost about Rs. 4,00,000/-
10. The water table is found to be at the depth of 10 m below the ground level
11. Lease applied area is not covered under HACA region.
12. No Coastal Regulation zone (CRZ) within the radius of 10 m from the lease area

13. No interstate boundary & western Ghats Boundary within the radius of 10 km from the lease area.
14. No National Park & wild life sanctuary within the radius of 10 km from the lease area
15. No critically polluted area as notified by the central pollution Control board constituted under water (Prevention and Control of Pollution Act 1974 within the radius of 10 km.
16. No protected Area, Eco Sensitive Zone & Eco sensitive area within the radius of 10 km.
17. No habitation within the radius of the 300 m from the lease area.
18. Letter obtained from the Assistant Director, Department of Geology and Mining, Cuddalore Vide Letter R.C. No 160 / mines / 2018, dated 12.12.2019 about the details of the quarries (Proposed / Existing / Abanadoned quarries) within a radius of 500 from the boundary of the proposal quarry site as follows.

Type of Mineral	Proposal quarries	Existing Quarries	Expired quarries	Abandoned Quaarries
Sand	Kamatchipettai Sand quarry for over an Extent of 4.80.0 Ha in S.F.No. 262 (P) Government land (River Gadilam) in Kamatchipettai Village, Panruti Taluk, Cuddalore District, Tamilnadu.	Nil	Nil	Nil

SEIAA/TN/File.No-7335/2019

1. Government Order / Lease details:
 - a. The Quarry lease was applied in the name of The executive Engineer Precise Area Communication was issued by the District Collector, Roc.No. 159/Mines/2018 dated 25.10.2019 for a period of 12 months. It is a fresh lease for quarrying of Sand from River Gadilam in S.F.No. 174/5(P), over an Extent of 4.95.0Hectares, Elanthampattu Village, Panruti Taluk, Cuddalore District of Tamil Nadu State for a period of 12 months.
2. Mining Plan / Scheme of Mining approved details:
 - a. The Mining plan was prepared for the period of 12 months. The mining plan was got approval from the Assistant Director, Department of Geology and Mining, Cuddalore District vide Rc No: 159/Mines/2018 dated 25.11.2019.
3. As per the Department of Geology and Mining, Cuddalore District. Mining Plan approval for the 12 months, the production schedule for 12 months states that the total quantity of sand should not exceed 49500m³ For 12 months.
 - a. Production for 12 months - 49500 m³
4. The quarry operation is proposed an average depth of 1.0m.
5. The Mining would be carried out by opencast method semi mechanized means using excavator and tippers. It is a shallow quarrying to a depth of 1.0m and there is no bench formed.
6. Loading of sand shall be done hydraulic excavator into tippers.
7. The project is located at: 11°45'2.24"N to 11°45'9.15"N latitude and: 79°29'6.30"E to 79°29'27.49"E.Longitude.
8. The total Manpower requirement is 14 Nos.
9. Total cost of the projects is Rs.24 Lakhs and EMP cost about Rs. 4.0 lakhs
10. The Water table is found at the depth of 10m from below the ground level.
11. Lease applied area is not covered under HACA region.
12. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area.

SEIAA/TN/File.No-7335/2019

13. Tamil Nadu-Andhrapradesh boundary – 145km (NE) B2 Project it is exempted under General Conditions of EIA Notification 2006
14. No National Park & Wild Life Sanctuary within the radius of 10km from the lease area.
15. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km from the lease area.
16. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km.
17. No habitation within the radius of the 300m from the lease area as stated in the letter obtained from VAO, Elanthampattu Village, Panruti Taluk, Cuddalore District.
18. Letter obtained from the Assistant Director, Department of Geology and Mining, Cuddalore vide Letter RoC. No. 159/Mines/2018, dated 12.12.2019 that the details of the existing and abandoned quarries within 500m radius from the proposed Sand as follow.

a) **Details of present proposed quarry:**

S. No.	Name of the Lessee / Permit Holder	Village & Taluk	S. F. No.	Extent	Name of Mineral	Remarks
1	The executive Engineer, Public Works Department, WRD, Mining and Monitoring Division, Viluppuram.	Elanthampattu & Panruti Taluk	174/5	4.95.0/27.80.5 Hects	Sand	--

SEIAA/TN/File.No-7335/2019

b) Details of Existing quarries:

S. No.	Name of the lessee / Permit Holder	Village & Taluk	S. F. No.	Extent	Lease period	Remarks
NIL						

c) Details of Abandoned Quarry:

S. No.	Name of the Lessee / Permit Holder	Village & Taluk	S. F. No.	Extent	Name of Mineral	Remarks
1	The executive Engineer, Public Works Department, WRD, Mining and Monitoring Division, Viluppuram.	Elanthampattu & Panruti Taluk	174/5	5.04.0/27.80.5 Hects	Sand	--

The Total extent of the Existing / Proposed quarries is 4.95.0 ha only.

PUBLIC WORKS DEPARTMENT

The Proposal is for mining of river Gadilam sand by the Executive Engineer, PWD/WRD, Mines and Monitoring Division, Villupuram. The salient features of the proposal are as follows:

SI No	Details of the Proposal	:	Data furnished
1	Name of the Owner / Firm	:	Executive Engineer, Public Works Department, Water Resources Department, Mines and Monitoring Division, Villupuram.
2	Type of quarrying (Savudu / Rough Stone / Sand / Geanite)	:	River sand quarrying
3	Name of the River	:	River Gadilam
4	S.F. No. of the quarry site with area break - up	:	174/5 (Part)
5	Village, Town Panchayat / panchayat Union in which situated	:	Elanthampattu Village
6	Taluk in which situated	:	Panruti Taluk
7	District in which situated	:	Cuddalore District
8	Extent of quarry (in ha.)	:	4.95.0 ha
9	Proof of land ownership. If owned, Patta copy. If not own patta land, agreement / lease copy entered with the owner (to be enclosed) details	:	Copy of "A" Register furnished
10	New or existing quarry	:	New
11	Period of quarrying proposed	:	One years
12	Production (Quantity in M ³)	:	49,500 M ³
13	Method of Mining (Manual or Mechanised)	:	Open cast Semi Mechanised method of mining
14	Length Width & Depth of the proposed quarry in meters	:	1.0 m below the existing level
16	Topo Sheet No.	:	58 – M/5
17	Brief details of APC measures proposed to be implemented	:	Sprayed of water for dust suppression

18	Mine Closure plan to be furnished in Mining Plan	:	No specific plan. Reported that the mined out area will get replenished due to rain and flooding.
19	Minning Plan prepared by (Xerox Copy of Certificate to be attached)	:	S.SURIYAKUMAR, RQP & EIA Coordinator Mining – “A” Cat. Aadhi Boomi Mining & Enviro Tech(P) Ltd, Salem NABET Accredited EIA Consultant – “A” Cat. NABET Accreditation No: NABET/EIA/1821/RA 0103
20	Preceiis area communication approved by the District Collector with date	:	R.C.No. 159/Mines/2018 Dated 25.10.2019.
21	Rate of Replenishment of sand	:	Not furnished
22	Mining plan approved by the Assistant Director of the Tiruchirappalli District with date	:	The Mining Plan was approved by the Assistant Director, Department of Geology and Mining, Cuddalore vide R.C.No.159/Mines/2018 Dated:25.11.2019.
23	Water requirement: Drinking & domestic purpose (in KLD) Dust suppression (in KLD) Green Belt (in KLD)	:	6.0KLD 1.5KLD 2.5KLD 2.0KLD
24	Depth of Ground water table :	:	10 mts Below Ground Level
25	Project Cost (excluding EMP cost)	:	24,00,000/-
26	EMP cost with break – up details	:	4,00,000/-
27	R.L upstream	:	Block 1 - 27.701 Mts, Block 2 – 29.435 Mts
28	R.L downstream	:	Block 1 - 28.165 Mts, Block 2 – 29.234 Mts
29	R.L of starting point of mining site	:	Block 1 - 27.701 Mts, Block 2 – 29.435 Mts
30	R.L of end point of Mining site	:	Block 1 - 28.165 Mts, Block 2 – 29.234 Mts
31	Starting km., of the mining site of the river.	:	Block 1 : 78/350 KM Block 2 : 78/000 KM
32	Ending km ., of the mining site of the river	:	Block 1: 78/650 KM Block 2: 78/250 KM
33	Any shoals proposal? If yes details	:	No
34	Total width of the River at 50 m intervals of the quarry length	:	Furnished
35	No. of Man power	:	14
36	Plan showing	:	
a)	Bunds on either side of the river	:	Furnished
b)	Distance between bunds and the site on either side of the River	:	More than 50 Mts

The salient features of the project and the Environmental impact Assessment as presented by the proponent are as follows:

1. Government order / lease details:
 - a) The Quarry lease was applied in the name of Executive Engineer, Mines and Monitoring Division Villupuram District, Precise area communication letter was issued by the District Collector, Cuddalore District Vide Letter No R.C.No. 159/Mines/2018 Dated 25.10.2019. It is a fresh lease for sand Quarry for over an extent of 4.95.0 Ha in S.F. No:174/5(P) of Elanthampattu Village, Panruti Taluk, Cuddalore District.
2. Mining Plan / Scheme of Mining approval details :
 - a. Mining Plan was prepared for the period of One Year. The mining plan was got approval from the Assistant Director, Department of Geology and Mining, Cuddalore District Vide letter No. R.C.No.159/Mines/2018 Dated:25.11.2019.
3. As per the Department of Geology and Mining, Cuddalore District. Mining Plan approval for the 1 year, the production schedule for 1 year states that the total quantity of should not exceed 49,500 M³
4. The quarry operation is proposed upto a depth of 1 m below the existing level.
5. The Quarry operation is proposed to carry out with open cast semi mechanized mining like excavator (Without drilling and blasting)
6. Sand are to be transported by Tipper (10 / 20 T Capacity)
7. The project is locate at 11°45'2.24"N to 11°45'9.15"N latitude and 79°29'6.30"E to 79°29'27.49"E longitude.
8. The total Manpower requirement is 14 Nos.
9. Total cost of the project is Rs. 24,00,000/- and EMP Cost about Rs. 4,00,000/-
10. The water table is found to be at the depth of 10 m below the ground level
11. Lease applied area is not covered under HACA region.
12. No Coastal Regulation zone (CRZ) within the radius of 10 m from the lease area

13. No interstate boundary & western Ghats Boundary within the radius of 10 km from the lease area.
14. No National Park & wild life sanctuary within the radius of 10 km from the lease area
15. No critically polluted area as notified by the central pollution Control board constituted under water (Prevention and Control of Pollution Act 1974 within the radius of 10 km.
16. No protected Area, Eco Sensitive Zone & Eco sensitive area within the radius of 10 km.
17. No habitation within the radius of the 300 m from the lease area.
18. Letter obtained from the Assistant Director, Department of Geology and Mining, Cuddalore Vide Letter R.C. No 159 / mines / 2018, dated 12.12.2019 about the details of the quarries (Proposed / Existing / Abanadoned quarries) within a radius of 500 from the boundary of the proposal quarry site as follows.

Type of Mineral	Proposal quarries	Existing Quarries	Expired quarries	Abandoned Quaarries
Sand	Elanthampattu Sand quarry for over an Extent of 4.95.0 Ha in S.F.No. 174/5 (P) Government land (River Gadilam) in Elanthampattu Village, Panruti Taluk, Cuddalore District, Tamilnadu.	Nil	Nil	Nil

(File No.7035/2019)

Proposed Rough stone and Gravel quarry lease over an extent of 0.62.8Ha in S.F.No: 467/2B2 (P) at Kollathupalayam Village, Dharapuram Taluk, Tiruppur District, Tamil Nadu by Thiru.K.Kuppusamy – For Environmental clearance
(SIA/TN/MIN/128879/2019)

1. Government Order / Lease details:

- a. The Quarry lease was applied in the name of Thiru. K. Kuppusamy was issued by the District Collector, Dindigul vide Rc.No.782/Mines/2017, dated 16.05.2018 for a period of 5 Years. It is a fresh lease for Rough stone and Gravel quarry over an extent of 0.62.8Ha in S.F.No: 467/2B2 (P) at Kollathupalayam Village, Dharapuram Taluk, Tiruppur District, Tamil Nadu.

2. Mining Plan / Scheme of Mining approved details:

- a. The Mining plan was prepared for the period of 5 Years. The mining plan was approved by the Deputy Director, Department of Geology and Mining, Tiruppur District vide Rc.No. 782/Mines/2017, dated 07.06.2018.

3. As per the Department of Geology and Mining, Tiruppur District. Mining Plan approval for the 5 Years, the production schedule for 5 Years states that the total quantity of Rough stone should not exceed 29,810m³ and Gravel should not exceed 5,304m³.

- | | |
|--------------------|--|
| a. For First Year | - 8,560m ³ of Rough stone & 1,248m ³ of Gravel |
| b. For Second Year | - 5,280m ³ of Rough stone & 2,496m ³ of Gravel |
| c. For Third Year | - 5,370m ³ of Rough stone & 1,560m ³ of Gravel |
| d. For Fourth Year | - 5,290m ³ of Rough stone |
| e. For Fifth Year | - 5,310m ³ of Rough stone |

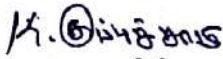


Signature of the
Project Proponent



Signature of the
consultant
Dr. M. IFTHIKHAR AHMED, M.Sc., M.B.A., Ph.D.
E.I.A Coordinator & Govt. Approved Geologist

4. The quarry operation is proposed up to a depth of 17m below ground level.
5. The Quarry operation is proposed to carry out with open cast semi mechanized mining like excavators (without drilling and blasting).
6. Rough Stone are to be transported by Tippers of 6 Nos (20 T Capacity).
7. The project is located at 10°43'41.47"N to 10°43'45.29"N latitude and 77°33'33.15"E to 77°33'35.65"E Longitude, Toposheet No. 58-F/10.
8. The total Manpower requirement is 17 Nos.
9. Total cost of the projects is reported to be Rs.38.84 lakhs and EMP cost about Rs. 3.80 lakhs
10. The Water table is reported to be at the depth of 50m in summer and 45m rainy season.
11. Lease applied area is not covered under HACA region.
12. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area.
13. No Interstate boundary & Western Ghats Boundary within the radius of 10km from the lease area.
14. No National Park & Wild Life Sanctuary within the radius of 10km from the lease area.
15. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km from the lease area.
16. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km.
17. Letter obtained from the Assistant Director, Department of Geology and Mining, Tiruppur vide Letter RC. No. 782/Mines/2017, dated 11.01.2020, informed that the following quarries are situated within a radial distance of 500 meters from the applied fields.


Signature of the
Project Proponent


Signature of the
consultant
Dr. M. IFTHIKHAR AHMED, M.Sc., M.B.A., Ph.D.
E.I.A Coordinator & Govt. Approved Geologist

a. Existing quarries:

Sl. No.	Name of the Owner	Village and S.F. No.	Extent in Hect.	Distance from the proposed quarry
1.	R. Palanisamy	Kolathupalayam (V) 469/1B1	1.21.5	--

b. Abandoned Quarries:

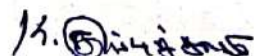
Sl. No.	Name of the Owner	Village and S.F. No.	Extent in Hect.	Distance from the proposed quarry
----- Nil -----				

c. Present proposed Quarries:

Sl. No.	Name of the Owner	Village and S.F. No.	Extent in Hect.	Distance from the proposed quarry
1.	K. Kuppusamy	Kolathupalayam (V) 467/2B2 (Part)	0.62.8	---

d. Expired Quarries:

Sl. No.	Name of the Owner	Village and S.F. No.	Extent in Hect.	Distance from the proposed quarry
1.	K. Kandasamy	465/1A	0.80.9	---


Signature of the
Project Proponent


Signature of the
consultant
Dr. M. IFTHIKHAR AHMED, M.Sc., M.B.A., Ph.D.
E.I.A Coordinator & Govt. Approved Geologist

1. Government Order / Lease details:

- a. The Quarry lease was applied in the name of Thiru.N.M.Mohankumar, Vellore, Precise Area Communication was issued by the District Collector, Vellore vide Roc.No 50/2016/Mines Dated: 27.07.2017 for a period of 5 years. It is a fresh lease for Rough stone quarry over an Extent of 0.08.0Ha in S.F.Nos 109(Part-4) Veppur Village, Katpadi Taluk, Vellore District.

2. Mining Plan / Scheme of Mining approved details:

- a. The Mining plan was prepared for the period of 5 years. The mining plan was got approval from the Assistant Director, Department of Geology and Mining, Vellore District vide Roc. No 50/2016/Mines Dated: 12.06.2019.

3. As per the Department of Geology and Mining, Vellore District. Mining Plan approval for the 5 years, the production schedule for 5 years states that the total quantity of Rough stone should not exceed 47018m³.

- a. For First year - 9392 m³ of Rough stone
- b. For Second year - 9486 m³ of Rough stone
- c. For Third year - 9491 m³ of Rough stone
- d. For Fourth year - 9448 m³ of Rough stone
- e. For Fifth year - 9201 m³ of Rough stone

4. The quarry operation is proposed upto a depth of **37m** (20m Above the ground surface +17m Below the ground surface) .

5. The Quarry operation is proposed to carry out with open cast semi mechanized mining with 5.0m and 5.0m vertical bench and width.

6. Rough stone are to be transported by Tippers of 1Nos. (10 M. T Capacity).

7. The project is locate at 12°56'34.98"N to 12°56'32.81"N latitude and 78°55'19.82"E to 78°55'23.80"E Longitude.

8. The total Manpower requirement is 18 Nos.

9. Total cost of the projects is Rs. 31.3 lakhs and EMP cost about Rs. 3.6 lakhs

10. The Water table is found to be at the depth of 50m in summer and 55m in rainy season.

11. Lease applied area is not covered under HACA region.

12. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area.
13. No Interstate boundary & Western Ghats Boundary within the radius of 10km from the lease area.
14. No National Park & Wild Life Sanctuary within the radius of 10km from the lease area.
15. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km from the lease area.
16. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km.
17. No habitation within the radius of the 300m from the lease area as stated in the letter obtained from VAO, Veppur Village, Katpadi Taluk, Vellore District dated 14/06/2019.
18. Letter obtained from the Assistant Director, Department of Geology and Mining, Vellore vide Letter RC. No. 50/2016(mines) dated 17.10.2019 informed that the details of the existing and abandoned quarries within 500m radius from the proposed Rough Stone quarry as follows.

1) Existing other quarries:

S. No.	Name of the lessee / Permit Holder	Village & Taluk	S. F. No.	Extent	Remarks
1.	Nil				

2) Proposed Area:

S. No.	Name of the applicant	Village & Taluk	S. F. No.	Extent	Remarks
1.	Thiru.N.M.Mohankumar Proponent 3/59, Govindapuram Village, Sethuvandi Post,	Veppur Village, Katpadi Taluk, Vellore	109(Part-4)	0.80.0	---

	Katpadi Taluk, Vellore District.				
--	-------------------------------------	--	--	--	--

3) Lease Expired:

S. No.	Name of the Lessee / Permit Holder	Village & Taluk	S. F. No.	Extent	Lease period	Remarks
1.	S.Pushpanathan	Katpadi Veppur	109(Part 5)	2.00.0	01.01.2002 to 31.12.2011	

The Total extent of the Existing / Proposed quarries are 0.80.0Ha

1. Government Order / Lease details:

- a. The Quarry lease was applied in the name of Tmt.S.Maheswari Rough stone and Gravel Quarry, Virudhunagar, Precise Area Communication was issued by the District Collector vide No.KV1/297/2019 (Mines), Dated: 10.09.2019 for a period of 5 years. It is a fresh lease for Rough stone and Gravel quarry over an Extent of 2.20.15 Ha in S.F.Nos 1110/1C, 1113/2B & 1113/2C, Pudukottai Village, Sivakasi Taluk, Virudhunagar District.

2. Mining Plan / Scheme of Mining approved details:

- a. The Mining plan was prepared for the period of 5 years. The mining plan was got approval from the Deputy Director, Department of Geology and Mining, Virudhunagar District vide Roc. No KV1/297/2019 Dated: 19.09.2019.

3. As per the Department of Geology and Mining, Virudhunagar District. Mining Plan approval for the 5 years, the production schedule for 5 years states that the total quantity of Rough stone should not exceed 1,58,815m³ and 81,000 m³ of Gravel

- a. For First year - 31030 m³ of Rough stone and 30,096 of Gravel
- b. For Second year - 31,690 m³ of Rough stone and 12,684 of Gravel
- c. For Third year - 32,092 m³ of Rough stone and 7,020 of Gravel
- d. For Fourth year - 32,000 m³ of Rough stone and 15,600 of Gravel
- e. For Fifth year - 32,00 m³ of Rough stone and 15,600 of Gravel

4. The quarry operation is proposed upto a depth of **36m**.

5. The Quarry operation is proposed to carry out with open cast semi mechanized mining with 5.0m and 5.0m vertical bench and width.

6. Rough stone are to be transported by Tippers of 1Nos. (10 M. T Capacity).

7. The project is located at 09°36'11.40" to 09°36'18.00" N latitude and 77°46'54.90" to 77°47'02.07" E Longitude.

8. The total Manpower requirement is 10 Nos.

9. Total cost of the projects is Rs. 1,02,13,840 Crores and EMP cost about Rs. 2.9 lakhs.

10. The Water table is found to be at the depth of 60m in summer and 55m in rainy season.

11. Lease applied area is not covered under HACA region.
12. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area.
13. No Interstate boundary & Western Ghats Boundary within the radius of 10km from the lease area.
14. There is a Wildlife Sanctuary named Srivilliputhur Grizzled Squirrel Wildlife Sanctuary -11.51 km - SW.
15. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km from the lease area.
16. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km.
17. No habitation within the radius of the 500m from the lease area as stated in the letter obtained from VAO, Pudukottai Village, Sivakasi Taluk, Virudhunagar District dated 16/09/2019.
18. Letter obtained from the Assistant Director, Department of Geology and Mining, Virudhunagar vide Letter KV1/297/2019, dated 15.10.2019 informed that the details of the existing and abandoned quarries within 500m radius from the proposed Rough Stone quarry as follows.

1) Existing other quarries:

S. No.	Name of the lessee / Permit Holder	Village & Taluk	S. F. No.	Extent	Remarks
1.	Nil				

2) Proposed Area:

S. No.	Name of the applicant	Village & Taluk	S. F. No.	Extent	Remarks
1.	Tmt.Maheswari.S	Pudukottai	1113/2B, 1113/2C & 1110/1C	2.20.15	

3) Lease Expired:

S. No.	Name of the Lessee / Permit Holder	Village & Taluk	S. F. No.	Extent	Lease period	Remarks

The Total extent of the Existing / Proposed quarries is 2.20.15 Ha

SEIAA/TN/File.No-7423/2020

1. Government Order / Lease details:

- a. The Quarry lease was applied in the name of The Executive Engineer Precise Area Communication was issued by the District Collector, Letter No.620/Mines/2019 dated 01.11.2019 for a period of two years. It is a fresh lease for sand quarry over an extent of 4.90.0 Hectares, S.F.No. 231/1 (P), Madhavaperumalkoil Village, Manachanallur Taluk, Tiruchirappalli District, Tamil Nadu. State for a period of Two Years.

2. Mining Plan / Scheme of Mining approved details:

- a. The Mining plan was prepared for the period of two years. The mining plan was got approval from the Assistant Director, Department of Geology and Mining, Tiruchirappalli District, Rc No620/Mines/2019, dated 28.01.2020.

3. As per the Department of Geology and Mining, Tiruchirappalli District. Mining Plan approval for the two years, the production schedule for two years states that the total quantity of Sand should not exceed 116098m³ for two years.

- a. For First year - 58049m³ of Sand
- b. For Second year - 58049m³ of Sand

4. The quarry operation is proposed upto a depth of 1m.

5. The Quarry operation is proposed to carry out with open cast semi mechanized mining using excavator and Tippers/Tractor combination.

6. Sand is to be transported by Tippers of 4 Nos. (10 T Capacity).

7. The project is located at: 10°52'45.40"N to 10°52'51.77"N to latitude and: 78°40'27.80"E to 78°40'36.99"E. Longitude.

8. The total Man power requirement is 30 Nos.

9. Total cost of the projects is Rs.21.75 Lakhs and EMP cost about Rs.4.25 lakhs

10. The Water table is found at the depth of 5m from below the surface in the adjacent open wells and bore wells of the area.

11. Lease applied area is not covered under HACA region.

12. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area.

SEIAA/TN/File.No-7423/2020

13. Tamil Nadu-Karnataka state boundary – 163km (NW) B2 Project it is exempted under General Conditions of EIA Notification 2006
14. No National Park & Wild Life Sanctuary within the radius of 10km from the lease area.
15. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km from the lease area.
16. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km.
17. No habitation within the radius of the 300m from the lease area as stated in the letter obtained from VAO, Madhavaperumalkoil Village, Manachanallur Taluk, Tiruchirappalli District dated 22.01.2020.
18. Letter obtained from the Assistant Director, Department of Geology and Mining, Tiruchirappalli vide Letter RC. No. 620/mines/2019 dated 28.01.2020 that the details of the existing and abandoned quarries within 500m radius from the proposed Sand quarry as follows.

1) Details of Existing quarries:

S. No.	Name of the lessee / Permit Holder	Village & Taluk	S. F. No.	Extent	Lease period	Remarks
NIL						

2) Details of Abandoned Quarry:

S. No.	Name of the applicant	Village & Taluk	S. F. No.	Extent	Remarks
NIL					

SEIAA/TN/File.No-7423/2020

3) Details of proposed quarry:

S. No.	Name of the Lessee / Permit Holder	Village & Taluk	S. F. No.	Extent	Name of Mineral	Remarks
1	THE EXECUTIVE ENGINEER,	, Madhavaperumalkoil Village, Manachanallur Taluk,	231(P)	4.90.0	Sand	-

The Total extent of the Existing / Proposed quarries is 4.90.0ha only.

AD LETTER -500m

SEIAA/TN/File.No-7423/2020

From
G.T.Annadurai, M.Sc.,
Assistant Director,
Geology and Mining,
Tiruchirappalli.

To
The Executive Engineer,
Public Works Department, WRD,
Mining and Monitoring Division,
Tiruchirappalli.

Rc.No.620/Mines/2019, Dated: 28.01.2020

Sir,

Sub: Mines & Quarries - Minor Minerals - Tiruchirappalli District,
Manachanallur Taluk - Madhavaperumalkoil Village - Sand quarry -
S.F.No. 231/1(P), over over an extent of 4.90.0 Ha, Tiruchirappalli
District, Tamil Nadu- Details of quarries situated around 500meters
under cluster - reg.

- Ref: 1. District collector, Tiruchirappalli letter
Roc.No.620/Mines/2019 dated 01.11.2019
2. EXECUTIVE ENGINEER,PWD/WRD,M&M Division,
Trichy Lr No:DB/JDO-2/F-23/144/2019 Dated:31.07.2019

With reference to the above letter 2 cited, I hereby inform that the number
and extent of working and Non-working quarries around 500m from the periphery
of the above mines is given as under

a) Details of Existing Quarries

S. No	Name Of the Owner	Village & Taluk	S.F. No	Extent (in Hects.)	Minerals	Remarks
1.	Nil					


b) Details of Abandoned Quarries.

S. No	Name Of the Owner	Village And Taluk	S.F. No	Extent (in Hects.)	Minerals	Remarks
1.	Nil					

c) Details of proposed Quarries

S. No	Name Of the Owner	Village And Taluk	S.F. No	Extent (in Hects.)	Minerals	Remarks
1.	The Executive Engineer	Madhavaperumalkoil & Lalgudi	231/1(P)	4.90.0Ha	Sand	
			Total	4.90.0Ha		

The letter is issued for the purpose of obtaining environmental clearance
from SEIAA only.


Assistant Director,
Dept. of Geology and Mining,
Tiruchirappalli.

Copy to the Executive Engineer, PWD/WRD, Mining & Monitoring Division, Trichy-
20.

1. Government Order / Lease details:

- a. The Quarry lease was applied in the name of Thiru.M.Jeyakumar, Dindigul, Precise Area Communication was issued by the District Collector, Dindigul vide Roc.No 620 /2018(mines)Dated: 07.08.2019for a period of 5 years. It is a fresh lease for Rough stone quarry over an Extent of 1.18.0Ha in S.F.Nos736/5(0.58.5)&736/6(0.59.5) Sullerumbu Village, Dindigul West Taluk and Dindigul District.

2. Mining Plan / Scheme of Mining approved details:

- a. The Mining plan was prepared for the period of 5 years. The mining plan was got approval from the Assistant Director, Department of Geology and Mining, Dindigul District vide Roc. No 620/2018(mines)Dated: 16.08.2019.

3. As per the Department of Geology and Mining, Dindigul District. Mining Plan approval for the 5 years, the production schedule for 5 years states that the total quantity of Rough stone should not exceed 580797m³.

- a. For First year - 22743 m³ of Rough stone
- b. For Second year - 22743 m³ of Rough stone
- c. For Third year - 22629 m³ of Rough stone
- d. For Fourth year - 20986 m³ of Rough stone
- e. For Fifth year - 26544 m³ of Rough stone

4. The quarry operation is proposed upto a depth of **38 m** below ground level (2m Gravel +1m Weathered Rock + 35m Rough Stone).

5. The Quarry operation is proposed to carry out with open cast semi mechanized mining with 5.0m and 5.0m vertical bench and width.

6. Rough stone are to be transported by Tippers of 1Nos. (10 M. T Capacity).

7. The project is locate at 10°29'45.43"N to 10°29'49.23"N latitude and 77°54'46.45"E to 77°54'51.10"E Longitude.

8. The total Manpower requirement is 18 Nos.

9. Total cost of the projects is Rs. 40.7 lakhs and EMP cost about Rs. 3.2 lakhs

10. The Water table is found to be at the depth of 49m in summer and 55m in rainy season.

11. Lease applied area is not covered under HACA region.
12. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area.
13. No Interstate boundary & Western Ghats Boundary within the radius of 10km from the lease area.
14. No National Park & Wild Life Sanctuary within the radius of 10km from the lease area.
15. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km from the lease area.
16. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km.
17. No habitation within the radius of the 300m from the lease area as stated in the letter obtained from VAO, Sullermbu Village, Dindigul West Taluk, Dindigul District dated 17/08/2019.
18. Letter obtained from the Assistant Director, Department of Geology and Mining, Dindigul vide Letter RC. No. 620/2019 (G&M) dated 22.08.2019 informed that the details of the existing and abandoned quarries within 500m radius from the proposed Rough Stone quarry as follows.

1) Existing other quarries:

S. No.	Name of the lessee / Permit Holder	Village & Taluk	S. F. No.	Extent	Remarks
1.	Nil				

2) Proposed Area:

S. No.	Name of the applicant	Village & Taluk	S. F. No.	Extent	Remarks
1.	Thiru.M.Jeyakumar Proponent 1 st street, Sasthiri Nagar, Adiyanuthu,	Sullerumbu Village, Dindigul	736/5(0.58.5) &	1.18. 0	---

	Thazhakadai, Dindigul.	West Taluk,Dindigul	736/6(0.59.5)		
--	---------------------------	------------------------	---------------	--	--

3) Lease Expired:

S. No.	Name of the Lessee / Permit Holder	Village &Taluk	S. F. No.	Extent	Lease period	Remarks
 NIL					

The Total extent of the Existing / Proposed quarries are 1.18.0Ha

SEIAA/TN/File.No-7424/2020

1. Government Order / Lease details:
 - a. The Quarry lease was applied in the name of The Executive Engineer Precise Area Communication was issued by the District Collector, RcNo.622/Mines/2019, dated 1.11.2019 for a period of 2 years. It is a fresh lease for Sand quarry over an Extent of 4.50.0Ha in S.F.Nos.147(P), Govt land, Thalakudi Village, Lalgudi Taluk, Tiruchirapalli District of Tamil Nadu State for a period of Two Years.
2. Mining Plan / Scheme of Mining approved details:
 - a. The Mining plan was prepared for the period of 2 years. The mining plan was got approval from the Assistant Director, Department of Geology and Mining, Tiruchirapalli District ,Rc No.622/Mines/2019dated 28.01.2020.
3. As per the Department of Geology and Mining, Tiruchirapalli District. Mining Plan approval for the 2 years, the production schedule for 2 years states that the total quantity of Sand should not exceed 70477m³ for two years.
 - a. For First year - 35238m³ of Sand
 - b. For Second year -35238m³ of Sand
4. The quarry operation is proposed upto a depth of 1m(Below Ground level).
5. The Quarry operation is proposed to carry out with open cast semi mechanized mining using excavator and Tippers/Tractor combination.
6. Sand shall be transported by Tippers of 4 Nos. (10 MT Capacity).
7. The project is located at: 10°51'51.60"N to 10°51'59.80"N latitude and 78°43'04.80"E to 78°43'15.97"E.Longitude.
8. The total Manpower requirement is 30 Nos.
9. Total cost of the projects is Rs.21.75 Lakhs and EMP cost about Rs. 4lakhs
10. The Water table is found at the depth of 7m from below the surface in the adjacent open wells and bore wells of the area.
11. Lease applied area is not covered under HACA region.
12. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area.
13. Tamil Nadu-Kerala state boundary – 195km (W) B2 Project it is exempted under General Conditions of EIA Notification 2006

SEIAA/TN/File.No-7424/2020

14. No National Park & Wild Life Sanctuary within the radius of 10km from the lease area.
15. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km from the lease area.
16. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km.
17. No habitation within the radius of the 300m from the lease area as stated in the letter obtained from VAO, Thalakudi Village, Lalgudi Taluk, Tiruchirapalli District dated 21.01.2020.
18. Letter obtained from the Assistant Director, Department of Geology and Mining, Tiruchirapalli vide Letter RC. No.622/Mines/2019 dated 28.01.2020 that the details of the existing and abandoned quarries within 500m radius from the proposed Sand quarry as follows.

1) Details of Existing quarries:

S. No.	Name of the lessee / Permit Holder	Village & Taluk	S. F. No.	Extent	Lease period	Remarks
NIL						

2) Details of Abandoned Quarry:

S. No.	Name of the applicant	Village & Taluk	S. F. No.	Extent	Remarks
NIL					

3) Details of proposed quarry:

S.	Name of the	Village & Taluk	S. F. No.	Extent	Name	Remarks
-----------	--------------------	----------------------------	------------------	---------------	-------------	----------------

SEIAA/TN/File.No-7424/2020

No.	Lessee / Permit Holder				of Mineral	
1	THE EXECUTIVE ENGINEER,	ThalakudiVillage, LalgudiTaluk,	147(P)	4.50.0	Sand	-

The Total extent of the Existing / Proposed quarries is 4.50.0haonly.

AD LETTER -500m

SEIAA/TN/File.No-7424/2020

From
G.T.Annadurai, M.Sc.,
Assistant Director,
Geology and Mining,
Tiruchirappalli.

To
The Executive Engineer,
Public Works Department, WRD,
Mining and Monitoring Division,
Tiruchirappalli.

Rc.No.622/Mines/2019, Dated: 28.01.2020

Sir,

Sub: Mines & Quarries - Minor Minerals - Tiruchirappalli District,
Lalgudi Taluk - Thalakudi Village - Sand quarry - S.F.No.
147(P), over an extent of 4.50.0 Ha, Tiruchirappalli
District, Tamil Nadu- Details of quarries situated around
500meters under cluster - reg.

- Ref: 1. District collector, Tiruchirappalli letter
Rc.No.622/Mines/2019 dated 01.11.2019
2. EXECUTIVE ENGINEER,PWD/WRD,M&M Division,
Trichy
3. Lr No:DB/JDO-2/F-23/144-/2019 Dated:31.07.2019

With reference to the above letter 2 cited, I hereby inform that the number and extent of working and Non-working quarries around 500m from the periphery of the above mines is given as under

a) Details of Existing Quarries

S. No	Name Of the Owner	Village & Taluk	S.F. No	Extent (in Hects.)	Minerals	Remarks
1.				Nil		

b) Details of Abandoned Quarries.

S. No	Name Of the Owner	Village And Taluk	S.F. No	Extent (in Hects.)	Minerals	Remarks
1.				Nil		

c) Details of proposed Quarries

S. No	Name Of the Owner	Village And Taluk	S.F. No	Extent (in Hects.)	Minerals	Remarks
1.	The Executive Engineer	Thalakudi & Lalgudi	147(P)	4.50.0Ha	Sand	
			Total	4.50.0Ha		

3. The letter is issued for the purpose of obtaining environmental clearance from SEIAA only.

[Signature]
Assistant Director,
Dept. of Geology and Mining,
Tiruchirappalli.

Copy to the Executive Engineer, PWD/WRD, Mining & Monitoring Division, Trichy-20.

SEIAA/TN/File.No-7425/2020

1. Government Order / Lease details:
 - a. The Quarry lease was applied in the name of The Executive Engineer Precise Area Communication was issued by the District Collector, Letter No.621/Mines/2019, dated 01.11.2019 for a period of 2 years. It is a fresh lease for sand quarry over an extent of 4.90.0 Hectares, S.F.No. 144(P), Kookur Village, Lalgudi Taluk, Tiruchirappalli District, Tamil Nadu. State for a period of Two Years.
2. Mining Plan / Scheme of Mining approved details:
 - a. The Mining plan was prepared for the period of 2 years. The mining plan was got approval from the Assistant Director, Department of Geology and Mining, Tiruchirappalli District ,Rc No621/Mines/2019, dated 28.01.2020.
3. As per the Department of Geology and Mining, Tiruchirappalli District. Mining Plan approval for the 2 years, the production schedule for 2 years states that the total quantity of Sand should not exceed 89738m³ for two years.
 - a. For First year - 44869 m³ of Sand
 - b. For Second year -44869 m³ of Sand
4. The quarry operation is proposed upto a depth of 1m.
5. The Quarry operation is proposed to carry out with open cast semi mechanized mining using excavator and Tippers/Tractor combination.
6. Sand is to be transported by Tippers of 4 Nos. (10 T Capacity).
7. The project is located at: 10°50'33.37"N to 10°50'41.89"N latitude and: 78°49'02.73"E to 78°49'12.10"E Longitude.
8. The total Manpower requirement is 30Nos.
9. Total cost of the projects is Rs.21.5 Lakhs and EMP cost about Rs.4.30lakhs
10. The Water table is found at the depth of 5m from below the surface in the adjacent open wells and bore wells of the area.
11. Lease applied area is not covered under HACA region.
12. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area.
13. Tamil Nadu-Karnataka state boundary – 174km (NW) B2 Project it is exempted under General Conditions of EIA Notification 2006

SEIAA/TN/File.No-7425/2020

14. No National Park & Wild Life Sanctuary within the radius of 10km from the lease area.
15. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km from the lease area.
16. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km.
17. No habitation within the radius of the 300m from the lease area as stated in the letter obtained from VAO, Kookur Village, Lalgudi Taluk, Tiruchirappalli District dated 01.10.2019.
18. Letter obtained from the Assistant Director, Department of Geology and Mining, Tiruchirappalli vide Letter RC. No. 621/mines/2019 dated 28.01.2020 that the details of the existing and abandoned quarries within 500m radius from the proposed Sand quarry as follows.

1) Details of Existing quarries:

S. No.	Name of the lessee / Permit Holder	Village & Taluk	S. F. No.	Extent	Lease period	Remarks
NIL						

2) Details of Abandoned Quarry:

S. No.	Name of the applicant	Village & Taluk	S. F. No.	Extent	Remarks
NIL					

3) Details of proposed quarry:

S.	Name of the Lessee	Village	S. F. No.	Extent	Name	Remarks
-----------	---------------------------	----------------	------------------	---------------	-------------	----------------

SEIAA/TN/File.No-7425/2020

No.	/ Permit Holder	&Taluk			of Mineral	
1	THE EXECUTIVE ENGINEER,	Kookur Village, LalgudiTaluk,	144(P)	4.90.0	Sand	-

The Total extent of the Existing / Proposed quarries is 4.90.0haonly.

AD LETTER -500m

SEIAA/TN/File.No-7425/2020

From
O.T.Annadurai, M.Sc.,
Assistant Director,
Geology and Mining,
Tiruchirappalli.

To
The Executive Engineer,
Public Works Department, WRD,
Mining and Monitoring Division,
Tiruchirappalli.

Re.No.621/Mines/2019, Dated: 28.01.2020

Sir,

Sub: Mines & Quarries - Minor Minerals - Tiruchirappalli District,
Lalgudi Taluk - Kookur Village - Sand quarry - S.F.No. 144(P),
over over an extent of 4.90.0 Ha, Tiruchirappalli District, Tamil
Nadu- Details of quarries situated around 500meters under cluster -
reg.

Ref: 1. District collector, Tiruchirappalli letter
Roc.No.621/Mines/2019 dated 01.11.2019
2. EXECUTIVE ENGINEER, PWD/WRD, M&M Division,
Trichy Lr No:DB/JDO-2/F-23/144/2019 Dated:31.07.2019

With reference to the above letter 2 cited, I hereby inform that the number
and extent of working and Non-working quarries around 500m from the periphery
of the above mines is given as under

a) Details of Existing Quarries

S. No	Name Of the Owner	Village & Taluk	S.F. No	Extent (in Hects.)	Minerals	Remarks
1.				Nil		

b) Details of Abandoned Quarries.

S. No	Name Of the Owner	Village And Taluk	S.F. No	Extent (in Hects.)	Minerals	Remarks
1.				Nil		

c) Details of proposed Quarries

S. No	Name Of the Owner	Village And Taluk	S.F. No	Extent (in Hects.)	Minerals	Remarks
1.	The Executive Engineer	Kookur & Lalgudi	144(P)	4.90.0Ha	Sand	
			Total	4.90.0Ha		

3. The letter is issued for the purpose of obtaining environmental clearance
from SEIAA only.


Assistant Director,
Dept. of Geology and Mining,
Tiruchirappalli.

Copy to the Executive Engineer, PWD/WRD, Mining & Monitoring Division, Trichy-
20.

SEIAA/TN/File.No-7426/2020

1. Government Order / Lease details:
 - a. The Quarry lease was applied in the name of THE EXECUTIVE ENGINEER Precise Area Communication was issued by the District Collector, Letter No.623/2019/Mines, dated 01.11.2019. for a period of 2 years. It is a fresh lease for Sand Quarry in Coleroon river over an extent of 4.90.0Hectares in S.F.No.148(P), Killiyanallur Village, Manachanallur Taluk, Tiruchirappalli District, Tamil Nadu for a period of Two Years.
2. Mining Plan / Scheme of Mining approved details:
 - a. The Mining plan was prepared for the period of 2 years. The mining plan was got approval from the Assistant Director, Department of Geology and Mining, Tiruchirappalli District ,Rc No.623/Mines/2019 dated 28.01.2020.
3. As per the Department of Geology and Mining, Tiruchirappalli District. Mining Plan approval for the 2 years, the production schedule for 2 years states that the total quantity of Sand should not exceed 95158m³for two years.
 - a. For First year - 47579m³ of Sand
 - b. For Second year -47579m³ of Sand
4. The quarry operation is proposed upto a depth of 1.942m (0.942m above the theoretical bed level and 1m below theoretical bed level).
5. The Quarry operation is proposed to carry out with open cast semi mechanized mining using poclain /excavator and Tippers combination.
6. Sand are to be transported by Tippers of 4 Nos. (14M.T Capacity).
7. The project is located at: 10°53'13.90"N to 10°53'22.04"N latitude and: 78°36'42.10"E to 78°36'51.60"E Longitude.
8. The total Manpower requirement is 30Nos.
9. Total cost of the projects is Rs 21.80 Lakhs and EMP cost about Rs.4.30lakhs
10. The Water table is found at the depth of 6m from below the surface in the adjacent open wells and bore wells of the area.
11. Lease applied area is not covered under HACA region.
12. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area.

SEIAA/TN/File.No-7426/2020

13. Tamil Nadu-Kerala state boundary – 188km (West) B2 Project it is exempted under General Conditions of EIA Notification 2006
14. No National Park & Wild Life Sanctuary within the radius of 10km from the lease area.
15. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km from the lease area.
16. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km.
17. No habitation within the radius of the 300m from the lease area as stated in the letter obtained from VAO letter no Killiyanallur Village, Manachanallur Taluk, Tiruchirappalli District dated 22.01.2020,
18. Letter obtained from the Assistant Director, Department of Geology and Mining, Tiruchirappallivide Letter ,Rc No. 623/Mines/2019 dated 28.01.2020.that the details of the existing and abandoned quarries within 500m radius from the proposed Sand quarry as follows.

1) Details of Existing quarries:

S. No.	Name of the lessee / Permit Holder	Village & Taluk	S. F. No.	Extent	Lease period	Remarks
NIL						

2) Details of Abandoned Quarry:

S. No.	Name of the applicant	Village & Taluk	S. F. No.	Extent	Remarks
NIL					

SEIAA/TN/File.No-7426/2020

3) Details of proposed quarry:

S. No.	Name of the Lessee / Permit Holder	Village & Taluk	S. F. No.	Extent	Name of Mineral	Remarks
1	THE EXECUTIVE ENGINEER	Killiyanallur Village & Manachanallur Taluk	148(P)	4.90.0ha	Sand	-

The Total extent of the Existing / Proposed quarries is 4.90.0ha only.

AD LETTER -500m

From
G.T. Annadurai, M.Sc.,
Assistant Director,
Geology and Mining,
Tiruchirappalli.

To
The Executive Engineer,
Public Works Department, WRD,
Mining and Marketing Division,
Tiruchirappalli.

Ref.No.D23/30199/2019, Dated: 28.01.2020

Sir,

Sub: Mines & Quarries - Minor Minerals - Tiruchirappalli District,
Mannamalai Taluk - Kiliyagallur Village - Sand quarry - S.P.No.
148, was over at amount of 4,00,000 Rs. Tiruchirappalli District, Tamil
Nadu. Details of quarry situated around Pithavaram under cluster -

- 206
1. District collector, Tiruchirappalli District
Ref.No.D23/30199/2019 dated 09.11.2019
2. Assistant Engineer, PWD/WRD, Mining and Marketing Division,
Tiruchirappalli, Ref.No.D23/30199/2019 dated 09.11.2019

With reference to the above letter of cited, I hereby inform that the number
and extent of standing and close-breasting quarries around Pithavaram under cluster
of five above mines is given as under

a) Details of Standing Quarries

S. No.	Name of the Quarry	Village and Taluk	S.P. No.	Extent in Hectare	Remarks	Remarks
1.						

b) Details of Close-breasted Quarries

S. No.	Name of the Quarry	Village and Taluk	S.P. No.	Extent in Hectare	Remarks	Remarks
1.						

c) Details of proposed Quarries

S. No.	Name of the Quarry	Village and Taluk	S.P. No.	Extent in Hectare	Remarks	Remarks
1.	The Executive Engineer	Kiliyagallur & Kalyani	148	4,00,000	Sand	
			Total	4,00,000		

3. This letter is issued for the purpose of obtaining endorsement of documents
from WRD only.

(Signature)
Assistant Director,
Dept. of Geology and Mining,
Tiruchirappalli.

Copy to the Executive Engineer, PWD/WRD, Mining and Marketing Division, Tiruchirappalli.

(File No.7052/2019)

Proposed Rough stone and Gravel quarry lease over an extent of 1.62.0Ha comprising S.F.No.264/1A(P) of Akkinampattu Village, Cheyyur Taluk, Kancheepuram District, Tamil Nadu by Thiru.S. Balaji – For Environmental clearance

(SIA/TN/MIN/128691/2019)

1. Government Order / Lease details:

- a. The Quarry lease was applied in the name of Thiru. S. Balaji was issued by the District Collector, Kancheepuram vide Rc.No.227/Q3/2018 for a period of 5 Years. It is a fresh lease for Rough stone and Gravel quarry lease over an extent of 1.62.0Ha comprising S.F.No.264/1A(P) of Akkinampattu Village, Cheyyur Taluk, Kancheepuram District, Tamil Nadu.

2. Mining Plan / Scheme of Mining approved details:

- a. The Mining plan was prepared for the period of 5 Years. The mining plan was approved by the Deputy Director, Department of Geology and Mining, Kancheepuram District vide Rc.No. 227/Q2/2018, dated 04.07.2019.

3. As per the Department of Geology and Mining, Kancheepuram District. Mining Plan approval for the 5 Years, the production schedule for 5 Years states that the total quantity of Rough stone should not exceed 3,40,500m³ and Gravel should not exceed 3,400m³.

- a. For First Year - 63,650m³ of Rough stone & 3,400m³ of Gravel
- b. For Second Year - 74,575m³ of Rough stone
- c. For Third Year - 64,525m³ of Rough stone
- d. For Fourth Year - 70,325m³ of Rough stone
- e. For Fifth Year - 67,425m³ of Rough stone


Signature of the
Project Proponent


Signature of the
consultant

Dr. M. IFTHIKHAR AHMED, M.Sc., M.B.A., Ph.D.
E.I.A Coordinator & Govt. Approved Geologist

4. The quarry operation is proposed up to a depth of 47m below ground level.
5. The Quarry operation is proposed to carry out with open cast semi mechanized mining like excavators (without drilling and blasting).
6. Rough Stone are to be transported by Tippers of 3 Nos (20 T Capacity).
7. The project is located at Between: 12°25'54.84"N to 12°25'58.60"N latitude and 80°02'50.76"E to 80°02'56.77"E Longitude, Toposheet No. 66-D/03.
8. The total Manpower requirement is 32 Nos.
9. Total cost of the projects is reported to be Rs.76.92 lakhs and EMP cost about Rs. 3.80 lakhs
10. The Water table is reported to be at the depth of 54m in summer and 50m rainy season.
11. Lease applied area is not covered under HACA region.
12. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area.
13. No Interstate boundary & Western Ghats Boundary within the radius of 10km from the lease area.
14. No National Park & Wild Life Sanctuary within the radius of 10km from the lease area.
15. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km from the lease area.
16. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km.
17. Letter obtained from the Assistant Director, Department of Geology and Mining, Viluppuram vide Letter RC. No. 227/Q3/2018, dated 03.12.2019, informed that the details for quarries (Proposed / Existing / Expired and abandoned) located within 500 mts radius from the periphery of the applied area are furnished as under.



Signature of the
Project Proponent



Signature of the
consultant

Dr. M. IFTHIKHAR AHMED, M.Sc., M.B.A., Ph.D.
E.I.A Coordinator & Govt. Approved Geologist

i) Existing other quarries:

Sl. No.	Name of the Owner	Village	S.F. No.	Extent	Lease period	Remarks
1.	S. Manonmani, Manamai Village, Thirukalukundram, Kalpakkam Kancheepuram 603102	Kolathupalayam	266/3	1.21.00	16.03.2015 to 15.03.2020	Operation
Total				1.21.00		

ii) Proposed Area:

Sl. No.	Name of the Owner	Village	S.F. No.	Extent	Lease period	Remarks
1.	S. Balaji, S/o. K. Sundaramoorthi Manamai Village and Post, Kalpakkam, Thirukazhukundaram Taluk, Kancheepuram District	Akkinampattu	264/1A (P)	1.62.00	--	Under Processing (Present Application)
Total				1.62.00		

iii) Lease Expired and Abandoned Area:

Sl. No.	Name of the Owner	Village	S.F. No.	Extent	Lease period	Remarks
1.	S. Manonmani, Manamai Village, Thirukalukundram, Kalpakkam Kancheepuram 603102	Akkinampattu	264/1A	2.83.50	17.10.2009 to 16.10.2014	Lease Expired
Total				2.83.50		
Grand Total				5.66.50		


Signature of the
Project Proponent


Signature of the
consultant
Dr. M. IFTHIKHAR AHMED, M.Sc., M.B.A., Ph.D.
E.I.A Coordinator & Govt. Approved Geologist

THIRU. M.MURUGIAH

File No.7220

1. Government Order / Lease details:

- a. The Quarry lease was applied in the name of Thiru.M.Murugiah, Tirunelveli, Precise Area Communication was issued by the District Collector, Tirunelveli vide Rc.No.M1/50561/2017 dated 19.02.2018 for a period of 5 years. It is a fresh lease for Rough Stone, Jelly and Gravel Quarry over an Extent of 1.27.5 Ha in S.F.No. 27/7B1A (Part) at Melathidiyur Village, Palayamkottai Taluk, Tirunelveli District.
- b. Enter lease area is patta land. The applicant has obtained consent from pattadhar and got it registered.

2. Mining Plan / Scheme of Mining approved details:

- a. The Mining plan was prepared for the period of 5 years. The mining plan was got approved from the Deputy Director, Department of Geology and Mining, Tirunelveli District vide Rc.No.M1/50561/2017, Dated: 17.04.2018.

3. As per the Department of Geology and Mining, Tirunelveli District. Mining Plan approval for the 5 years, the production schedule for 5 years states that the total quantity of 83,980m³ of Rough Stone 7,770m³ of Weathered Rock and 8,268m³ of gravel formation.

YEAR	PRODUCTION OF ROUGHSTONE IN m ³	PRODUCTION OF WEATHERED ROCK IN m ³	PRODUCTION OF GRAVEL IN m ³
I	16740	3441	3666
II	16740	3441	3627
III	16880	888	975
IV	16810	-	-
V	16810	-	-
Total	83980	7770	8268

4. The quarry operation is proposed depth of 22m (from + 90m RL to 68m RL).
5. The Quarry operation is proposed to carry out with open cast semi mechanized mining with bench height of 5.0m & 5m width is considered.
6. Rough stone and Gravel are to be transported by Tippers of 2 Nos. (5/10T capacity).
7. The project is locate at Latitude: 08°38'10"N to 08°38'18"N and Longitude: 77°39'06"E to 77°39'10"E. **Toposheet Number:** 58 H /10.
8. The total Manpower requirement is 14 Nos. (Permanent:8, Temporary: 6)

9. Total cost of the projects is Rs. 53,55,000/- (Including Operational + Fixed Asset + EMP cost).

EMP cost about Rs.4,45,000/- lakhs.

10. The ground water table is at a depth of 35m to 30m BGL.
11. Lease applied area is not covered under HACA region.
12. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area.
13. No Interstate boundary with in 10Km Radius of lease Area.

Western Ghats ESA boundary as per MoEF & CC draft notification dated 3rd October 2018 is located 11.2km from the lease area on the Western side.

14. Wild Life Sanctuary:

Kalakad Mundanthurai Tiger Reserve 8.8Kms, Western side from the lease area. There is no notification regarding the Ecosensitive Zone for this sanctuary. The lease area is 8.8 Kms from the boundary of the reserve. Application for NBWL clearance already made.

Koothankulam Birds Sanctuary 18.9Kms (SE) side.

Vallanadu Black Buck 23.6 Kms (NE) side.

Gangaikondan Spotted Deer Sanctuary 23.2 Kms (NE) side. No forest land is involved in the lease area.

15. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km from the lease area.
16. No habitation within the radius of the 300m from the lease area as stated in the letter obtained from VAO, MelathidiyuVillage, Palayamkottai Taluk, Tirunelveli District.
17. Letter obtained from the Deputy Director, Department of Geology and Mining, Tirunelveli vide Letter Rc.No.M1/50561/2017, dated 06.08.2019 informed that the details of the existing, abandoned and proposed quarries within 500m radius from the proposed Rough Stone quarry as follows.

S.N	Name of the Lessee	Village & S.F.No	Extent - Hectares
1.Existing Quarries			
Nil			
2.Abandoned Quarries			
1	M.Chellachitra, W/o. Murugaiah, 1/36, Thirumalaikozhunthupuram Palayamkottai Taluk, Tirunelveli District.	Palayamkottai Taluk, Melathidiyur Village, S.F.No.27/8B1 & 27/7A	3.62.5Ha
2	S.Muthusamy	Palayamkottai Taluk,	1.12.5Ha

	Melaseval	Melathidiyur Village, S.F.No.27/2A	
3	N.Maripandi S/o.Narayanan, Karunkulam	Palayamkottai Taluk, Melathidiyur Village, S.F.No.27/8B2A & 27/4B2	2.68.0Ha
3.Proposed Quarries			
1	Thiru.Murugaia, No.1/36A, Mela Theru, Thirumalaikolunthupuram Village, Palayamkottai Taluk, Tirunelveli District.	Palayamkottai Taluk, Melathidiyur Village, S.F.No.27/7B1A (Part)	1.27.5Ha

File No.7436/2019

Proposed Rough stone & Gravel quarry lease over an extent of 4.18.5ha in S.F.Nos 310/1, 311/1A, 312/1B, 313/1, 313/2, 313/3, 313/4, 313/5, 313/6, 313/7, 313/8, 313/9, 313/10, 313/11, 313/12, 313/13, 313/14 & 314 (P) of Kunnathur village Madurantakam Taluk, Kanchipuram District, Tamil Nadu by M/s. VMS Blue Metal – For Environmental Clearance.

(SIA/TN/MIN/141143/2020)

The proponent was placed

1. Government Order / Lease details:

- a. The Quarry lease was applied in the name of M/s. VMS Blue Metal, Precise Area Communication was issued by the District Collector, Kancheepuram vide Rc. No. 93/Q2/2017, dated 24.01.2019 for a period of 5 years. It is a fresh lease for Rough stone & Gravel quarry lease over an extent of 4.18.5ha comprising S.F.Nos 310/1, 311/1A, 312/1B, 313/1, 313/2, 313/3, 313/4, 313/5, 313/6, 313/7, 313/8, 313/9, 313/10, 313/11, 313/12, 313/13, 313/14 & 314 (P) of Kunnathur village Madurantakam Taluk, Kanchipuram District,

2. Mining Plan / Scheme of Mining approved details:

- a. The Mining plan was prepared for the period of 5 years. The mining plan was approved by the Assistant Director, Department of Geology and Mining, Kancheepuram vide Rc. No. 93/Q2/2018, dated 08.03.2019.

3. As per the Department of Geology and Mining, Kancheepuram. Mining Plan approval for 5 Years, the production schedule for 5 Years states that the total quantity of Rough stone should not exceed 8,46,075m³. Weathered Rock should not exceed 1,01,997 and Gravel should not exceed 67,998m³.

YEAR	ROUGH STONE (m ³)	WEATHERED ROCK (m ³)	GRAVEL (m ³)
I	1,59,575	41,625	27,750
II	1,71,440	60,372	40,248
III	1,70,400	-	-
IV	1,64,530	-	-
V	1,80,130	-	-
TOTAL	8,46,075	1,01,997	67,998

- i). Existing other quarries:**

S. No.	Name of the Owner	Village	S.F. Nos.	Extent	Lease Period	Remarks
--- NIL ---						

ii). Proposed Area:

S. No.	Name of the Owner	Village	S.F. Nos.	Extent	Lease Period	Remarks
1.	Tvl. VMS Blue Metals No. 55, Vembuli Amman Koil Street, Alandur, Chennai – 600 016	Kunnathur	310/1, 311/1A, 312/1B, 313/1, 313/2, 313/3, 313/4, 313/5, 313/6, 313/7, 313/8, 313/9, 313/10, 313/11, 313/12, 313/13, 313/14 & 314 (P)b	4.18.50	---	Under Processing (Present Application)
	Total			4.18.50		

III. Lease Expired and Abandoned Area:

S. No.	Name of the Owner	Village	S.F.Nos.	Extent	Lease period	Remarks
-- Nil --						

(File No.7171/2019)

Proposed Gravel quarry lease over an extent of 2.15.5Ha in S.F.Nos. 137/2B1, 137/2A2, 137/2B2, 137/1A, 137/2C, 137/3A, 172/4C, 173/2B2 and 137/1B in Jeyankondanilai village, Singampunari Taluk, Sivagangai District by Thiru. A. Ansar Ali
- For Environmental clearance

(SIA/TN/MIN/ 43331/2020)

1. Government Order / Lease details:

- a. The Quarry lease was applied in the name of Thiru. A. Ansar Ali Precise Area Communication was issued by the District Collector, Sivagangai vide Rc.No.M.2/691/2017 dated 28.08.2019 for a period of One year. It is a fresh lease for Gravel quarry lease over an extent of 2.15.5Ha in S.F.Nos. 137/2B1, 137/2A2, 137/2B2, 137/1A, 137/2C, 137/3A, 172/4C, 173/2B2 and 137/1B in Jeyankondanilai village, Singampunari Taluk, Sivagangai District. Tamil Nadu.

2. Mining Plan / Scheme of Mining approved details:

- a. The Mining plan was prepared for the period of one year. The Mining Plan was approved by the Assistant Director, Department of Geology and Mining, Sivagangai District vide Roc.No. M2/691/2017, dated 12.09.2019.

3. As per the Department of Geology and Mining, Sivagangai District. Mining Plan approval for 1 year, the production schedule for 1 year states that the total quantity of Gravel should not exceed m³,

For one year - 24,892m³ of Gravel

4. The quarry operation is proposed up to a depth of 2m below ground level.
5. The Quarry operation is proposed to carry out with open cast semi mechanized mining like excavators (without drilling and blasting).
6. Rough Stone are to be transported by Hired Tippers (10/20 T Capacity).
7. The project is located at 10°02'45.48"N to 10°02'54.65"N latitude and 78°25'58.31"E to 78°26'04.37"E Longitude, Toposheet No. 58-J/08.

8. The Total Manpower requirement is 9 Nos.
9. Total cost of the projects is reported to be Rs.9.53 lakhs and EMP cost about Rs. 1.50 lakhs
10. The ground water table is reported to be at the depth of 45 below ground level.
11. Lease applied area is not covered under HACA region.
12. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area.
13. No Interstate boundary & Western Ghats Boundary within the radius of 10km from the lease area.
14. No National Park & Wild Life Sanctuary within the radius of 10km from the lease area.
15. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km from the lease area.
16. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km.
17. Project Proponent has submitted the Affidavit stating that
“will not excavate the mineral situated in the Survey Numbers **137/1B (0.40.50 ha), 137/1A (0.36.50 ha) & 172/4C (0.21.50 ha)** for the total quantity of Gravel would be around **10,162m³** considering 2m depth and I will carry out the quarrying operation only in the remaining part of the lease applied area situated in the Survey Numbers **137/2B1 (0.24.00 ha), 137/2A2 (0.16.50 ha), 137/2B2 (0.28.0 ha), 137/2C (0.12.5 ha), 137/3A (0.16.00 ha) and 173/2B2 (0.20.0 ha)** for the total quantity of Gravel about **14,730m³** considering 2m depth”.

18. Letter obtained from the Assistant Director, Department of Geology and Mining, Sivagangai vide Letter Roc. No. M2/691/2017, dated 13.09.2019, informed that “the following quarries are located within 500m radius from the proposed area for clearance”.

S. No.	Name of the quarry Owner	Name of Village & Survey Number	Extent (in Hect)	Distance from this proposed quarry
a. Existing quarries				
1	-NIL-			
b. Abandoned quarries				
1	-NIL-			
c. Present proposed quarries				
1.	A.Ansar Ali	Jeyankondanilai village, Singampunari Taluk S.F. Nos. 137/2B1, 137/2A2, 137/2B2, 137/1A, 137/2C, 137/3A, 172/4C,173/2B2 and 137/1B	2.15.5	
		Total	2.15.5	