

STATE EXPERT APPRAISAL COMMITTEE – TAMIL NADU

Minutes of the 151st Meeting of the State Expert Appraisal Committee (SEAC) held on 11th May 2020 (Monday) for Appraisal of Building and Construction Projects, Townships and Area Development projects & Mining projects conducted through video conferences.

Agenda No. 151-01

File No. 7203/2019

Proposed Calcite quarry lease over an extent of 1.94.5 Ha in S.F.Nos. 18/8A2, 18/9, 32/11, 32/12, 32/13, 32/14, 59/4, Morur Pit – I Village, Sankakiri Taluk, Salem District, Tamil Nadu by Thiru. S. M. Ibrahim Sha – For Environmental Clearance.

(SIA/TN/MIN/44436/2019)

In the 148th SEAC Meeting held on 13.03.2020. Based on the presentation made by the proponent and the documents furnished, it was found by the SEAC that the total cluster area is more than 5 ha and hence the committee decided to direct the proponent to apply for the TOR.

The project proponent in his letter dated 25.04.2020 has submitted to SEIAA a copy of the letter obtained from Deputy Director from Department of Geology and Mining vide letter no.Roc.No.289/2016/Mines-A dated 14.03.2020 of the 500m radius from the periphery of this mines and requested for issue of Environment clearance since the project comes under B2 category.

The proposal along with the aforesaid details submitted by the project proponent was placed in this 151st SEAC meeting held on 11.05.2020. After detail deliberation. The SEAC compared both the letters issued by the Deputy Director from Department of Geology and Mining, Salem, it was noticed that in the details of the proposed mines Thiru.R. Palanisamy, S. F .No 58/1A1, 59/2A1, 59/2A2 60/2, and 60/3 of Morur Bit-I village, Sankari Taluk, Salem District over an mining lease area of 2.89.5 Ha mentioned in the letter issued by the Deputy Director from Department of Geology and Mining, Salem vide Roc.No.289/2016/Mines-A dated 25.09.2019 is not specified in the latest letter issued vide Roc.No.289/2016/Mines-A dated 14.03.2020. Hence, the SEAC decided that the aforesaid issue shall be addressed to the Deputy Director from

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Department of Geology and Mining, Salem by the SEIAA to clarify the above said difference and the same may be forwarded to SEAC for further consideration of the proposal.

After the receipt of the reply from the Deputy Director from Department of Geology and Mining, Salem through SEIAA, the proposal shall be taken up for further consideration by the SEAC.

Agenda No. 151-02

File No. 6853/2019

Proposed construction of Residential Building at S. No. 470, 471, 472/1, 472/2 & 476/1B, Perumbakkam Village, Tambaram Taluk, Kanchipuram District, Tamil Nadu by M/s. Danub Homes LLP - For Environment Clearance

[SIA/TN/NCP/35669/2019]

The proposal was placed in the 138th SEAC Meeting held on 09.11.2019. The project proponent gave detailed presentation. The SEAC noted the following:

1. The Proponent M/s Danub Homes LLP has applied for the proposed construction of Residential Building at S.No. 470, 471, 472/1, 472/2 & 476/18, Perumbakkam Village, Tambaram Taluk, Kanchipuram District, Tamil Nadu.
2. The project/activity is covered under Category "B" of Item 8(b) "Townships and Area Development projects " of the Schedule to the EIA Notification, 2006

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

1. 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 considering the flood occurred in the year 2015 and also considering the surrounding development environment.
2. The proponent was directed to furnish the steps to be taken to ensure that the site will not be flooded in future, along with the flood management including evacuation plan.
3. The proponent shall revise the water balance as per the MoEF&CC guidelines for the building projects.

4. The proponent shall furnish the full-fledged adequate grey water treatment system with disinfection unit for grey water to be generated from the project premises.
5. The proponent shall furnish the design details of STP and Grey water treatment system after revising the water balance.
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. The green belt width may be of 3m all along the boundaries of the project site and should avoid the land below the HT line, as per norms.
7. The proponent shall propose the bio-methanation system to treat and dispose the bio-degradable waste generated and further the proponent shall furnish the design details for the proposed bio-methanation system.
8. The data furnished for the ground water quality parameters of the water samples are differing from the normal values of ground water quality parameters. Also some parameters values are absurd. Hence the water samples should be analyzed through any reputed government laboratory and report of analysis of the ground water may be furnished to SEAC.
9. The proponent shall submit the Gross Fixed value include the land value and construction cost as per the PWD guideline value.
10. The proposal for CER shall be furnished as per the office memorandum of MoEF&CC dated 01.05.2018 after working out the cost of project.

It was decided that on receipt of the above details, the proponent would make a presentation again for the further course of action on the proposal. The proponent has submitted the additional particulars to SEIAA.

The subject was placed once again in this 146th SEAC meeting held on 28.02.2020, the proponent gave the detailed presentation. After the detailed deliberation the SEAC decided to direct the proponent to furnish the following detail,

1. The Proponent shall submit detailed storm water plan to drain out the water from site after conservation shall be prepared in accordance with the contour levels of the proposed project considering the flood occurred in the year 2015

and also considering the surrounding development. What they had submitted was not in order and it was mostly rain-water harvesting system.

2. The proponent shall submit the name of the utilities provided in between the proposed green belt area and the same should be specified in the site plan.
3. The proponent shall provide the approval copy of the TANGEDCO for the HT line passed above or nearby the Green Belt development area.
4. The proponent shall analyze the parameters of Ground water quality by the reputed Government Labs/Institution

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

The project proponent has furnished the details on 13.03.2020 to SEIAA. The proposal along with the details was placed in this 151st SEAC meeting held on 11.05.2020. After detail deliberation. The SEAC direct the proponent that in the HT line passing area an offset distance (buffer area) of 7.5 m shall be provided on either side of the HT line instead of 6.27 m. Accordingly, the revised lay out plan shall be furnished with revision in the green belt plan in that area. Further, a commitment letter shall be furnished that no activity such as green belt development etc shall be under taken in the buffer area of 7.5 m. The same revised plan shall be submitted for getting approval from the CMDA/DTCP.

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

Agenda No. 151-03

File No: 6838/2019

Proposed Rough stone and Earth quarry lease over an extent of 1.49.5ha in S.F.Nos 64/3, 64/4, 65/4, 65/5 and 65/6 of Eraiyur village, Vanur Taluk, Viluppuram District, TamilNadu by Thiru. D.Dhandapani (SIA/TN/MIN/34599/2019)

The proposal was placed in the 143rd SEAC Meeting held on 03.02.2020. The project proponent gave detailed presentation. 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 Thiru.D.Dhandapani, Precise Area Communication was issued by the District Collector, Viluppuram, vide. Rc.No.A/G&M/423/2018, dated 18.01.2019. It is a fresh lease for Rough stone and Earth quarry over an extent of 1.49.5ha in S.F.Nos 64/3, 64/4, 65/4, 65/5 and 65/6 of Eraiyur village, Vanur Taluk, Viluppuram 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, Viluppuram District vide Rc.No.A/G&M/423/2018, dated 04.02.2019.

During the presentation, the SEAC Noted the following, the NABET Consultant, showed a slide stating that

“Letter from Assistant Director Regarding quarry details within 500m Radius

Abandoned quarries- Nil

Existing quarries- 1 No

(1.90.0hHa only covered within 500m radius in 4.83.5ha quarry, please refer AD letter dated 18/02/2019

Proposed quarries - 1Nos- 1.49.5ha (This proposal).

Total quarry areas covering 500m radius including this proposal is 3.39.5ha, therefore, the proposal falls under “B2” category.”

However, it was observed that along with the hard copy of the application, the proponent has furnished letter obtained from the Assistant Director, Department of Geology and Mining, Viluppuram vide Letter RC. No. A/G&M/423/2018, dated 10.04.2019 for details of existing and proposed quarries located within 500 mts. radius showing the following details

I. Existing quarries:

Sl. No.	Name of the lessee / Permit Holder	Name of the Mineral	Taluk & Village	S.F. Nos.	Extent (in hecst)	Quarry Status
1.	T. Vasudevan S/o.Thangavel Gounder,	Vanur	Eraiyur	80/3 80/4 81/1	0.28.0 0.47.0 0.48.0	Existing

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	Eraiyr Village & Post, Vanur Taluk, Viluppuram District			81/3 81/4 81/5 81/6 94/1A 94/2 94/3	0.36.0 0.36.0 0.35.0 1.18.0 0.27.0 0.29.0 <u>0.79.5</u> 4.83.5	
2.	G. Purushothaman s/o Govindasamy 98, Pattikara street, Eraiyr Village and Post	Vanur	Eraiyr	84/2	1.24	Existing
3.	D Radhakrishnan 306, Mettu Street Eraiyr Post Vanur Taluk	Vanur	Eraiyr	67/1 67/3(p) 67/4(p) 67/6 67/7	0.10.5 0.22.5 0.54.0 0.09.5 0.04.0	Expired

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.	D. Dhandapani S/o. Duraisamy, No. 154A, VinayagarKoil Street, Eraiyr Village, Vanur Taluk. Viluppuram District	Vanur,	Eraiyr	64/3 64/4 65/4 65/5 65/6	0.05.0 0.08.0 0.50.0 0.03.0 <u>0.83.5</u> 1.49.5	

Based on the above, it was unclear about the extent of the proposed quarry (i.e., more than 5Ha or less than 5Ha). Hence the SEAC directed the proponent to provide the correct extent of proposed quarry with adequate documentary evidence from the concerned authority showing the surrounding features and an authenticated letter from Department of Geology and Mines. On receipt of the aforesaid details from the proponent, the SEAC would further deliberate on this project and decide the further course of action on the proposal.

The project proponent has submitted the above said detail to SEIAA office vide letter dated 15.03.2020 with a copy of the letter obtained from Deputy Director from

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Department of Geology and Mining, Villupuram vide Rc. No. A/G&M/432/2018, dated 10.03.2020 of the 500m radius from the periphery of this mine to SEIAA.

The proposal along with the above said detail was placed in the 151st SEAC meeting held on 11.05.2020. After detail deliberations, the SEAC noted from the letter obtained from Deputy Director from Department of Geology and Mining, Villupuram vide Rc. No. A/G&M/432/2018, dated 10.03.2020 for details of existing and proposed quarries located within 500 mts. radius showing the following details

i) The details of existing quarry is Nil.

a). T.Vasudevan – 4.83.5 Ha. – 2019-2024:

An Extent of 1.90.0 Ha in S.F.Nos. 81/3, 81/4 and 81/6 only falls within 500 meter radial distance from the proposed quarry site.

ii) The details of Proposed quarry

a). D.Dhandapani – 1.49.5 Ha.

iii) The details of abandoned quarry

a). G. Purushothaman – 1.24.0 – 2009 to 2019

b). D. Radhakrishnan – 1.50.0 – 2012 to 2017

c). A. Ganesan – 2.79.5 – 2013 to 2018

d). M. Ayothi – 0.57.5 – 2009 to 2014

As per the letter furnished by the DD Mines, it shows that the existing quarry in the name of T. Vasudevan with the total of 4.83.5 Ha. and proposed quarry of 1.49.5 Ha. Only the portion of the existing quarry which is falling in the 500m radius cannot be taken into account for the calculation of cluster situation and the total extent of the existing quarry should be taken for calculating the cluster. On adding the area of existing and proposed mines as mentioned above comes more than 5 Ha. Hence the proponent is directed to apply under the cluster category for Terms of Reference.

Agenda No. 151-04

(File.No.7231/2019)

Proposed Gravel quarry lease over an extent of 4.95.5ha in S.F.Nos.228/1,228/2,228/3,228/4, 228/5. 228/6. 228/7 & 228/8 of Thachankuruchi

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Village and S.F.Nos. 42/8A, 42/88, 42/8C & 42/1A of Kurumpoondi Village, Gandharvakottai Taluk, Pudukkottai District, Tamil Nadu by Thiru. T.Manoharan- For Environmental Clearance.

(SIA/TN/MIN/45551/2019)

The proposal was placed in the 141st SEAC Meeting held on 16.12.2019. The project Proponent gave detailed presentation. The SEAC noted the followings,

1. The proponent Thiru. T. Manoharan has applied for Environmental Clearance for the Proposed Gravel quarry lease over an extent of 4.95.5ha in S.F.Nos. 228/1, 228/2, 228/3, 228/4, 228/5, 228/6, 228/7 & 228/8 of Thachankuruchi Village and S.F.Nos. 42/8A, 42/88, 42/8C & 42/1A of Kurumpoondi Village, Gandharvakottai Taluk, Pudukkottai District, Tamil Nadu.
2. The project/activity is covered under Category "8" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.

The project proponent gave presentation about the proposal. 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 following conditions in addition to normal conditions:

1. Ground water quality monitoring should be conducted every month and the report should be submitted to TNPCB.
2. 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, taking wind direction into consideration.
3. The fugitive emissions should be monitored during the mining activity and should be reported to TNPCB once in a month and the operation of the quarry should no way impact the agriculture activity & water bodies near the project site.
4. Transportation of the quarried materials shall not cause any hindrance to the village people/Existing Village road.
5. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.

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6. 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.
7. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NCT. 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).
8. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation.
9. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mine as reported.
10. The proponent shall submit the proposal for the CER as per office memorandum of MoEF&CC dated 01.05.2018 before placing the subject to the SEIAA meeting. In this regard the project proponent is requested to submit the sworn affidavit duly signed by the project proponent and authorized by the Notary public.

The subject was placed in the 363rd SEIAA meeting held on 11/12/2019, and after the detailed discussion the authority decided to refer back to SEAC for clarification regarding production quantities variations in SEAC minutes and approved mining plan and to send the recommendations to SEIAA.

The project proponent has furnished the CER proposal in the Non-judicial stamp paper on 30.01.2020 to SEIAA.

The proposal was placed in the 151st SEAC meeting held on 11.05.2020. After detail deliberation, the SEAC once again decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to the condition specified in the 141st SEAC minutes of the Meeting held on 16.12.2019 in addition to the following conditions that the CER amount of Rs. 0.703 lakhs shall be spent for developing and maintaining green belt in the Thachankuruchi Government school as committed.

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Agenda No. 151-05

(File No. 6795/2019)

Proposed Rough stone and Gravel quarry over an extent of 4.62.50ha in S.F.Nos.1119, 1120/4B & 1121/413 at Bilichi (E-W) Village, Coimbatore North Taluk, Coimbatore District, Tamil Nadu by Thiru.P.Siddharthamoull— For Environmental Clearance.

(SIA/TN/MIN/37102/2019)

The proposal was placed in the 135th SEAC Meeting held on 06.09.2019. The project proponent gave detailed presentation and the SEAC noted the following:

1. The Proponent, Thiru. P. Siddharthamouli has applied for Environmental Clearance to SEIAA-TN for the proposed Gravel Quarry for over an extent of 4.62.50 Ha in S.F.Nos. 1119, 1120/4B & 1121/4B at Bilichi (E-W) Village, Coimbatore North Taluk, Coimbatore District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.

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 following condition in addition to normal condition:

1. Ground water quality monitoring should be conducted every six months and the report should be submitted to TNPCB.
2. 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, taking wind direction into consideration.
3. A detailed study of the lithology of the mining lease area shall be furnished before placing SEIAA.
4. Tmt. Chandra, Tmt. Jayalakshmi, Thiru. Siddharthamouli & Thiru. Srikanth (land owners) for the Proposed the lease agreement between Thiru. P. Siddharthamouli (proponent) for the Proposed Rough stone & Gravel quarry over an Extent of 4.62.50 ha in S.F.Nos. 1119, 1120/4B & 1121/4B at Bilichi (E-W) Village, Coimbatore North Taluk, Coimbatore District, Tamil Nadu, has to be registered before commencement of the mining operation. This should be ensured by the District Collector.

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5. The operation of the quarry should no way impact the agriculture activity & water bodies near the project site.
6. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
7. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.
8. 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.
9. 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 Q.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).
10. The entire mining operation should be as per the guidelines for sustainable sand mining issued in 2016 by the MoEF & CC, GOI, New Delhi.
11. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation.
12. The mine closure plan submitted by the project proponent shall be strictly followed after the laps of the mine as reported.
13. The amount of Rs. 2.20 Lakhs (2% of the project cost) shall be utilized as CER activities to carry out development of Library/sports/drinking water facilities in Govt. School as committed during SEAC meeting as per Office Memorandum of MoEF&CC dated 01.05.2018 the above activity shall be carried out before obtaining CTO from TNPCB.
14. The project proponent has not furnished the letter obtained from AD/DD mines in the following format in terms of Existing quarries/ abandoned quarries/ Present Proposed quarries/ Future Proposed quarries. Hence, the SEAC decided that the project proponent may get the following information from the AD/DD Mines,

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" Letter from the AD/DD Mines about the details (Name of the Owner, S F No, Extent & distance from the boundary of this quarry) of other quarries (proposed/Existing/Abandoned quarries) within a radius of 500 m from the boundary of the proposed quarry site This details has to be submitted before placing the subject to SEIAA.

The above proposal along with the recommendation of the SEAC was placed before the 359th SEIAA meeting held on 06.11.2019. After detailed deliberation, the SEIAA decided that the project proponent may get the following information from the concern AD/DD Mines,

"Letter from the AD/DD Mines about the details (Name of the Owner, S F No, Extent & distance from the boundary of this quarry) of other quarries (proposed/Existing/Abandoned quarries) within a radius of 500 m from the boundary of the proposed quarry site in the following format.

S.No	Name of the Quarry Owner	Name of Village & Survey Number	Extent in Hectare	Distance from this proposed Quarry
1. Existing quarries				
1				
2				
2. Abandoned quarries				
1				
2				
3. Proposed quarries				
1				
2				
Total Extent				

Further course of action will be taken on the proposal after receipt of the aforesaid details from the project proponent.

The proponent has submitted the above said details to 18.11.2019 to SEIAA office. The SEIAA office has sent the reply from the proponent to SEAC for consideration.

The request letter of the proponent was placed in this 144thSEAC meeting held on 17.02.2020. The SEAC noted that one more proposed quarry in the name of S.PalaniSwamy with extent of 3.0.36 Ha. Is located within 500m radius as per the AD/DD mines letter. The total area of the cluster of mines within 500m is more than 5Ha. Further the proponent has informed that the proponent S.Palaniswamy, S/o P.

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Siddharthamouli, rough stone and gravel quarry over an extent of 3.0.36Ha which is adjacent to the above mentioned lease area. Thiru Palaniswamy has only submitted the mining plan to AD mines office and not applied for Environmental Clearance due to financial constraints. Hence the proponent request to issue Environmental clearance. After detail deliberations, the SEAC decided that the proponent is request to apply for Terms of Reference.

The project proponent in its letter dated 25.02.2020 has submitted to SEIAA a copy of the letter obtained from joint Director from Department of Geology and Mining, Coimbatore vide Rc. No. 617/Mines/2018 dated 22.01.2020 of the 500m radius from the periphery of this mine and stated that

i) Existing Quarries

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

ii) Abandoned Quarries

Sl. No	Name of the Owner	Village & S.F. Nos	Extent in Hect.	Lease Period	Remarks
1.	N.S. Selvaraj	Vellamada 676/1D	1.31.0	15.11.2006 To 14.11.2026	Non-Operation and abandoned

iii) Proposed Quarries

Sl. No	Name of the Owner	Village & S.F. Nos	Extent in Hect.	Lease Period	Remarks
1.	Thiru. P. Siddharthamouli	Bilichi(E-W) 1119, 1120/4B 1121/4B	4.62.50	-	Subject Area
2.	Thiru. S. Palanisamy	Bilichi (E-W) 1118/1	3.0.36	-	Lease Application cancelled vide District Collector, Coimbatore Letter

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					R.C. 40/Mines/2019, dated 21.01.2020
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iv) Future Proposed Quarries

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

The proposal along with the detail submitted was placed in the 151st SEAC meeting held on 11.05.2020. After detail deliberation. The SEAC noted that the project proponent has submitted application through online on 30.7.2019, Department of Geology and Mining, Coimbatore vide Rc. No. 617/Mines/2018 dated 22.01.2020 in which in the proposed quarries the lease application cancelled vide District collector, Coimbatore Letter R.C.40/mines/2019 dated 21.02.2020 for Thiru S.Palanisamy mines. Since, Thiru S.Palanisamy mines cancelled recently by District collector, Coimbatore Letter R.C.40/mines/2019 dated 21.02.2020. SEAC decided that the project proponent Thiru.P.Siddharthamoull shall re-apply for seeking Environment Clearance with the latest updates as stated above along with the copy of the lease application cancelled vide District collector , Coimbatore Letter R.C.40/mines/2019 dated 21.02.2020 for Thiru S.Palanisamy mines.

The SEAC decided to direct the proponent to furnish the copy of the lease cancelled by the district collector Coimbatore vide R.C.40/mines/2019 dated 21.02.2020 for Thiru S. Palanisamy mines. On receipt of the above SEAC will decide further course of action.

Agenda No. 151-06

(File No. 6884/2019)

Proposed Quartz & Feldspar Quarry lease over an Extent of 1.21.0ha in S.F.No. 40913 (P) at Vadaseri Village of Kulithalai Taluk, Karur District the state of Tamil Nadu by Tvl. Sri Murugavel Mines & Mines— for Environment Clearance.

(SIA/TN/MIN/38152/2019) dated: 28.06.2019

The proposal was placed in the 132nd SEAC Meeting held on 26.07.2019. The SEAC noted the following:

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1. The Proponent, M/s. Sri Murugavel Mines & Mines has applied for Environmental Clearance to SEIAA-TN for the Proposed Quartz & Feldspar Quarry lease over an Extent of 1,21.0 ha in S.F.No. 409/3 (P) at Vadaseri Village of Kulithalai Taluk, Karur District the state of Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.

The SEAC instruct the project proponent to furnish the following details:

1. Copy of the village map, FMB sketch and "A" register shall be furnished.
2. Hydro geological studies shall be carried out to evaluate the impact of mining activities on the surrounding agricultural farms and habitations. A study report shall be submitted on the possible adverse impact and its mitigation measures on agriculture, vegetation, and economics of the people living nearby.
3. Measures taken to establish proper barrier for reducing the Noise level shall be reported.
4. Social economic impact in and around the project site shall be furnished.
5. Health checkup result on the respirable silica shall be furnished.
6. AAQ survey shall be conducted for the PM10& PM2.5 and the report shall be furnished.

The project proponent has submitted the above said details to SEIAA on 24.12.2019.

The detail furnished was placed in this 145th SEAC meeting held on 25.02.2020. The SEAC noted the following

1. The project proponent has submitted the hydro geological study report from the consultant, it is not acceptable. Hence, the Proponent shall submit the hydro geological study report from the reputed Government Institution.
2. Further, the proponent was requested to submit the hydro geological study considering the impact of mining activities on the surrounding agriculture farms and habitations and its mitigations measures agriculture, vegetation's and habitations.
3. From the A register furnished by the proponent, it was noted that the survey 409/3 owned by Thiru. Dhanushkodi. But, the application is filed in the name of Sri Murugavel Mines & Mines. Hence the committee directed that the project proponent shall submit the register lease document for the same.

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

The project proponent has furnished reply for the above points to SEIAA office vide letter dated 13.03.2020.

The proposal along with the detail submitted by the proponent was placed in the 151st SEAC meeting held on 11.05.2020. After detail deliberation. The SEAC noted that the project proponent has not submitted the following details as requested in the 145th SEAC meeting held on 25.02.2020.

The project proponent has not submitted the hydro-geological study report from the reputed Government Institution. Further, the proponent was requested to submit the hydro geological study considering the impact of mining activities on the surrounding agriculture farms and habitations and its mitigations measures agriculture, vegetation's and habitations.

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

Agenda No. 151-07

(File.No.6847/2019)

Proposed Rough Stone and Gravel over an extent of 10.90.35 Ha at S.F. 1/1A, 1/113(P), 112, 113, 114, 1/5B, 1/6A. of Pavor and 412/1A, 412/1B, 412/2A, 412/2B, 412/2C, 412/2D, 412/2E, 412/2F, 415/1A, 415/1B, 415/1C, 415/1D, 415/F, 415/1G, 415/2E, 415/2F, 415/2G, 415/2H, 415/2I, 415/2J, 415/2K, 416/1, 416/2, 416/3, 416/4, 416/5, 416/6, 416/7, 416/8, 416/9, 416/10, 416/11, 416/12, & 416/13 of Ezhacheri Village, Vembakkam Taluk, Tiruvannamalai District by M/s. Rajiraj Minerals Pvt Ltd. - For Environmental Clearance.

(SIA/TN/MIN136902/2019)

The proposal was placed in the 141st SEAC Meeting held on 16.12.2019.

The SEAC noted the following:

- a) The Proponent M/s. Rajiraj Minerals Pvt Ltd. has applied for Environmental Clearance for the Proposed Rough Stone and Gravel over an extent of 10,90.35 Ha at S.F. 1/1A, 1/1B(P), 1/2, 1/3, 1/4, 1/5B, 1/6A. of Pavor and 412/1A, 412/1B, 412/2A, 412/2B, 412/2C, 412/2D, 412/2E, 412/2F, 415/1A,

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415/1B, 415/1C, 415/1D, 415/F, 415/1G, 415/2E, 415/2F, 415/2G, 415/2H, 415/2I, 415/2J, 415/2K, 416/1, 416/2, 416/3, 416/4, 416/5, 416/6, 416/7, 416/8, 416/9, 416/10, 416/11, 416/12, & 416/13 of Ezhacheri Village, Vembakkam Taluk, Tiruvannamalai District.

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

SEAC instructed to furnish the following details from the proponent

1. The proponent shall conduct a detailed hydro geological study considering nearby wells (Bore/open wells) so as to assess the impact of mining on agricultural activities in the nearby area by this proposed project.
2. The proponent shall conduct ground water impact studies considering depth of water level and quality in nearby wells (Bore/open wells).
3. The proponent shall conduct fugitive modelling studies.
4. Noise level studies conducted during day and night considering the mining and related transportation activities.
5. The proponent shall furnish specific compliance report for the ToR conditions.
6. The proponent shall furnish the detailed proposal and redressal for the grievances raised by the public during public hearing.
7. The proponent shall obtain the specific remarks from the Chief Engineer, PWD impact of proposed mining activity on storage capacity of the tank in terms of inflow of water into the tank / seepage of water from the tank due to proposed mining area.

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

The project proponent has submitted the details to SEIAA on 14.01.2020. The above said details submitted by the project proponent were placed in this 145th SEAC meeting held on 25.02.2020. The SEAC noted that the detail furnished by the proponent was not related to the queries raised in the 141st SEAC meeting held on 16.12.2019. Hence the SEAC once again directed the project proponent to furnish suitable replies for the details requested (S. No. 1 to 7) in the 141st SEAC meeting held on 16.12.2019.

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

The project proponent in his letter dated 19.03.2020 has furnished the said to SEIAA. The proposal along with the details submitted was placed in the 151st SEAC meeting held on 11.05.2020. After detail deliberation, The SEAC decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to the following conditions in addition to normal 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 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, 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.

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10. 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.
11. 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).
12. 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.
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 amount of Rs. 3.32 Lakhs (2% of the project cost) shall be utilized as CER activities to carry out bund strengthening, green belt development on the Ezhachery Lake in co-ordination with the competent authority as per Office Memorandum of MoEF& CC dated 01.05.2018 the above activity shall be carried out before obtaining CTO from TNPCB.
16. The proponent shall leave 75m of safety distance from the boundary of the Ezhachery Lake and proponent shall develop the green belt in this earmarked area.
17. The proponent shall restrict the mining activity up to a maximum depth of 64 m from the ground level and the corresponding quantity of Rough stone will be mined out at the maximum of 4094520 cubic meters and quantity of gravel 361396 cubic meter, respectively.
18. The proponent shall ensure that the mining activity should not affect the Ezhachery Lake which adjacent to this mining quarry. The proponent shall take more care during blasting operation by adopting new technologies in the

controlled blasting such as Nonel/(MSDD) blasting, etc., so as to ensure no impact on nearby said water body.

Agenda No. 151--08

File No.7121/2019

Proposed Rough stone and Gravel quarry over an Extent of 4.89.5 Ha in S.F.Nos. 375 at Palamadai Village, Tirunelveli Taluk, Tirunelveli District by M/s. Thiru.C.Ramesh, Tirunelveli – For Environmental Clearance.

[SIA/TN/MIN/42734/2019]

The proposal was placed in the 138th SEAC Meeting held on 08.11.2019. The project proponent gave detailed presentation. The SEAC noted the following:

The Proponent Thiru. C.Ramesh, Proposed Rough Stone and Gravel quarry over an Extent of 4.89.5 Ha in S.F.Nos. 375 at Palamadai Village, Tirunelveli Taluk, Tirunelveli District.

1. The project/activity is covered under Category "B" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
2. Letter obtained from the Deputy Director, Department of Geology and Mining, Tirunelveli vide Letter Rc.No:M1/41429/2016, 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.

Sl. No	Name of the quarry owner	Name of the Mineral	Taluk & Village	Extent	Quarry Details
1.Existing Quarry					
1	Nil				
2.Abandoned Quarry					
1	Tmt.P.Gomathi, W/o.A.Paramasivam, 1/44-76,Maravar Colony, Rajavallipuram	Rough stone	Tirunelveli Taluk Gangaikokndan-2 village S.F.No.1785	0.78.5Ha	Non-Operating
3.Proposed Quarry					
1	C.Ramesh S/o.Chokkalinga Thevar, Perumal Kovil Street, Palamadai Village, Tirunelveli Taluk and District.	Rough stone	Tirunelveli Taluk Palamadai Village S.F.No.375	4.89.5Ha	Proposed

The Total extent of the Existing / Proposed quarries are about (0 + 1) is 4.89.5Ha.

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Based on the presentation made by the proponent, the SEAC noted that Gangaikondan Spotted Deer Sanctuary is located at 1.2Km from the project site. The Eco-sensitive zone as per Final Notification S.O. 2773(E).-dated 31.07.2019 of MoEF&CC. The proponent has informed that the lease area is located 1.1 Km from the boundary of Eco-sensitive zone. Hence the SEAC directed the proponent to furnish the NOC from the DFO stating that distance of project site from Gangaikondan Spotted Deer Sanctuary and effect of quarrying to spotted deer ecosystem and other wild life in the area. Also the proponent shall conduct noise level survey and fugitive emission modeling and furnish the report. The project proponent is requested to submit the aforesaid details to SEIAA-TN. On receipt of above details from the project proponent, 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. The project proponent has submitted the additional detail to SEIAA. Further, it was decided that the SEAC would further deliberate on this project and decide the further course of action on receipt of the above details.

The proponent has submitted the above said letter from the District Forest Officer (DFO), Tirunelveli District to SEIAA. In that the DFO, Tirunelveli has recommended the proposed quarry from the forestry and wild life point of view with certain conditions vide his letter C.No.P/10081/2019 dated 30/12/2019.

As per the order Lr.No. SEAC-TN/F.No.7121/2020 dated: 23.01.2020 of the Chairman, SEAC, and a Sub-Committee Team comprising of the SEAC Member was, constituted to inspect and study the field conditions for the proposal seeking Environment Clearance by Thiru.C. Ramesh for the Proposed Rough stone and Gravel quarry over an Extent of 4.89.5 Ha in 5.F. Nor. 375 at Palamadai Village, Tirunelveli Taluk, Tirunelveli District, Tamil Nadu. The project site was inspected by the sub-committee on 25-01-2020 and the following were noted

1. The stone pillar was provided along the boundary of the site in two sides and the no activities were carried out.
2. There were two operating crusher and M-Sand plant adjacent to the proposed quarry.
3. The Committee observed that there are many existing miner located which maybe above 5 Ha. Whereas the DD mines, Department of Geology and Mining

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stating that there is only one quarry owned by Tmt Gomathi for an extent 0.78.5 Ha.

The Sub-committee noted that the proponent has furnished letter obtained from DD mines, Department of Geology and Mining stating that there was only one quarry owned by Tmt. Gomathi for an extent of 0.78.5Ha located within 500m radius from the proposed quarry shown as Non-Operating quarry, However, while visiting the adjacent area, sub-committee found that there is more quarries and more extent of area has been mined out. In this regard, the proponent shall furnish the factual information from the Department of mining and Geology about the quarries located within 500m radius of the proposed quarry.

Also the proponent shall conduct noise level survey and cumulative fugitive emission modeling study considering the crusher and M-Sand unit located near proposed site and furnish the report as stipulated In the SEAC minutes vide agenda item no 138-01-16.

Hence, the sub-committee recommends to the SEAC that the project proposal may further be presented again along with the aforesaid details by the proponent and the consultant. The committee also recommends that a letter from SEAC may be written to AD (Mines) to revisit the site and give the actual details of mined quarries (area, depth and quantity wise).

The inspection report was placed in this 144th SEAC meeting held on 17.02.2020. After detail deliberations, the SEAC decided that the above details shall be obtained from AD (mines) and submit the same for further consideration. The committee also recommends that a letter from SEAC shall be written to AD (Mines) to consider the above details mentioned in the point no.3 of the observation of the members of the Sub- committee of SEAC and give the actual details of mined quarries as per the present status in the field (area, depth and quantity wise).

The project proponent in their letter dated 20.03.2020 has furnished the details to SEIAA.

The proposal and the said details were placed in the 151st SEAC meeting held on 11.05.2020. After detail deliberation. The SEAC noted that the project proponent obtained the 500 m Letter Vide Rc.No.M1/41429/2016, dated: 18.02.2020 from AD Geology and Mining Tirunelveli District. The details of quarry leases granted for Rough

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stone falling with a radial distance of 500 meters from the subject leasehold area are furnished below:-

Sl.No.	Name of the Lessee	Village & SF. No.	Extent - Hectares
1. Existing quarries			
- Nil -			
2. Abandoned quarries			
1.	Thiru. M. Navaskhan, Muthu Nagar, Shankar Nagar, Tirunelveli.	Manur Village, SF. Nos. 1663/1D & 1664/1C	2.81.0
3. Proposed quarries			
1.	Thiru.C.Ramesh, S/o.Chokkalinga Thevar, Perumal Kovil Street, Palamadai Village, Tirunelveli Taluk & District	Palamadai Village 375	4.89.5
Total			7.70.5

The SEAC decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to the following conditions in addition to normal conditions:

1. The proponent shall strictly adhere to the following conditions imposed in the Letter issued by the District Forest Officer vide letter C.No.P/10081/2019 dated 30/12/2019.
 - i. The Rough stone quarry site of about 4.89.5 ha should be completely chain linked fence of minimum 6-7 feet to avoid movement of animals in to the area.
 - ii. To reduce the noise pollution from the quarry site should have shelter belt plantations of 3 rows along the boundary.
 - iii. An undertaking may be obtained from the project proponent they will not cause any harm / damage to wildlife before issuing permit.
 - iv. If any damage is made to the Gangaikondan Spotted Deer Sanctuary / RF area by the user agency, action will be taken against them under Tamil Nadu Forest Act 1882. Wildlife (Protection) Act, 1972 and Forest (conservation) Act 1980.
 - v. The user agency should discuss with District Forest Officer and Wildlife Warden, Tirunelveli once in a year regarding the protection towards wildlife.
 - vi. If any damage / Causalities were noticed to the wildlife in future the user agency is held responsible for the lapses.

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

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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 amount of Rs. 1.56 Lakhs (2% of the project cost) shall be utilized as CER activities to carry out development of the Toilet facilities and Drinking water facilities for Palamadai Government Higher Secondary School as per Office Memorandum of MoEF& CC dated 01.05.2018. The CER activity shall be carried out before obtaining CTO from TNPCB.

Agenda No. 151-09

(File No. 7120 /2019)

Proposed lease for Rough Stone quarry over an Extent of 1.06.5 Ha in S.F.No. 6/5 at Ayyampalayam Village, Tiruvannamalai Taluk, Tiruvannamalai District, Tamil Nadu by Thiru. P.M. Pavithran –For Environmental Clearance.

(SIA/TN/MIN/42587/2019, 10.09.2019)

The proposal was placed in the 139th SEAC Meeting held on 20.11.2019. The project proponent gave detailed presentation. The SEAC noted the following:

1. The Proponent, Thiru. P.M. Pavithran has applied for Environment Clearance to SEIAA-TN for the proposed lease for Rough Stone quarry over an Extent of 1.06.5 Ha in S.F.No. 6/5 at Ayyampalayam Village, Tiruvannamalai Taluk, Tiruvannamalai District. Tamil Nadu.
2. The project/activity is covered under Category “B1” of Item 1(a) “Mining of Mineral Projects” of the Schedule to the EIA Notification, 2006.

The project proponent made a detailed presentation about the proposal. Based on the presentation made by the proponent and the committee observed that it was an existing quarry. Hence the committee decided to defer the proposal and call for the following details

The project proponent is directed to furnish the following details from AD, mines

- a) What was the period of the operation and stoppage of the earlier mines?
- b) Quantity of minerals mined out.
- c) Depth of mining
- d) Name of the person already mined in that leases area.
- e) Copies of EC and CTO already obtained if any and its compliance

On the receipt of the above details the SEAC would decide further course of action

The project proponent in its letter dated 31.01.2020 submitted letter to SEIAA informing that it is a government tender project and there is no existing and abandoned quarry in the nearby area of 500m as per the AD Geology and Mining Tiruvannamalai Letter dated: 11.07.2019.

The proposal along with details was placed in the 151st SEAC meeting held on 11.05.2020. After detail deliberation. The SEAC noted that the project proponent has not furnished the details requested in the 139th SEAC Meeting held on 20.11.2019. SEAC decided that the project proponent shall submit the said details requested in the 139th SEAC Meeting held on 20.11.2019.

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

Agenda No. 151--10

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, Sudiyr Village, Paramakudi Taluk, Ramanathapuram District, Tamil Nadu by Thiru. U. Vinoth Kumar – For Environmental Clearance.

(SIA/TN/MIN/125993/2019)

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The proposal was placed in the 147th SEAC meeting held on 06.03.2020. 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, Sudiur 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 would decide to take for the further course of action on the proposal.

The project proponent in its letter dated 06.05.2020 has furnished the details to SEIAA. The proposal along with the details furnished was placed in the 151st SEAC meeting held on 11.05.2020. The SEAC noted that the project proponent has submitted a letter obtained from the Assistant Director, Department of Geology and Mining, Ramanathapuram vide Letter RoC.Mo.1196/G&M.2/2018 dated 09.03.2020 informed

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that the details of the existing, abandoned and proposed quarries within 500m radius from the proposed Rough Stone quarry as follows.

S.No	Name of the Lesse	Village & SF.No	Extent Hectares
I	Existing Quarries		
	NIL	NIL	NIL
II	Abandoned Quarries		
1	V. Muniyasamy	Sudiyur 202/4, 202/5E	1.40.5 Hectares
2	P. Nagalingam	Sudiyur 228/7B, 228/8, 230/1, 230/2, 230/3, 230/4A, 2303/4E	3.86.5 Hectares
3	P. Duraipandian	Sudiyur 207-1,4; 208-5, 7B, 210-1B, 1E, 2B, 2E, 2D; 212-1, 4;213- 4,5	4.80.0 Hectares
4	S.Ramaprabhu	215/1	2.90.5 Hectares
5	R.Janakiraman	Sudiyur 204/2, 207/2, 207/6, 212/8	3.05.5 Hectares
6	M.K.Thavamani	Sudiyur 209/1,210-1A, 2A, 211/1B, 213/9, 228/1	4.76.5 Hectares
7	P.Jeyaprakash	Sudiyur 212/7B, 214/2, 217/1B, 218/4, 228/4B, 228/5	3.75.5 Hectares
8	G.Umarani	Sudiyur 216/1, 217/1A	1.11.0 Hectares
III	Proposed Quarry		
1	U.Vinothkumar	Sudiyur 218/1A, 218/2A, 218/3A, 227/1, 227/2, 228/2, 231/3A, 231/3B	3.75.0 Hectares

The proposal was placed in this 151st SEAC meeting held on 11.05.2020 .After the detailed discussion the SEAC has decided to recommend the proposal to SEIAA for the issue of Environmental Clearance subject to the following conditions in addition to normal 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.

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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 along the boundary of the quarrying site, etc. and to prevent dust pollution, 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. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mine.
14. The amount of Rs. 25,200/- (2% of the project cost) shall be utilized as CER activities to carry out development of the 1 Drinking water facilities for Sudiur Government School as committed during SEAC meeting as per Office Memorandum of MoEF& CC dated 01.05.2018 the above activity shall be carried out before obtaining CTO from TNPCB.
15. The depth of the mining is restricted to only to 2m from the ground level.

Agenda No. 151-11

(File No. 7236/2013)

Proposed construction of Residential Development in old survey No. 500/1 Part, 500/2 Part, 501, 512/1, 512/2, 513/1 Part, 513/2 Part, 515/2, 518, 519, 520 Part, 521/1, 524 Part of Ambattur Village, Ambattur Taluk, Thiruvallur District, Tamil Nadu by M/s. Casagrand Magick Ruffy Private Limited – For Environment Clearance (SIA/TN/MIS/122350/2019)

The proposal was placed in this 140th SEAC Meeting held on 09.12.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. The project is located at latitude 13° 5'51.93"N and longitude 80° 9'14.23"E.
2. The project involves construction of residential building comprises of 3 blocks; block 1, 2 & 3 : Combined Basement for Block 1 & 2, Combined Stilt for Block 1 & 2, Block 1 – 1 to 14 Floors, Block 2 – 1 to 14 Floors and Block 3 - Basement+ Stilt + Fourteen Floors with total number of 1005 dwelling units.
3. Total land area is 32757 Sq.m & The total built-up area of the proposed residential development is 141607.15 Sq.m
4. The green belt area proposed for the project is 4914 Sq.m. (15% of total land area).
5. The daily fresh water requirement is 455 kLD to be sourced from CMWSSB.
6. The grey water of 432 kLD will be let into the grey water treatment system (450 kLD). After grey water treatment, 410 kLD of treated water will be generated, out of which 233 will be used for flushing, 17 kLD for gardening, 14 kLD for OSR and remaining 367 kLD will be sent to avenue plantation.

7. Black water generated from Flushing (233 kLD) will let into the sewage treatment plant (250 kLD). Treated sewage will be sent to avenue plantation.
8. The bio degradable solid waste (1884 kg/day) will be treated in Bio Methanation plant machine and the manure generated will be used for landscaping purpose within project site. The non-bio degradable solid waste (1256 kg/day) will be handed over to Authorized recyclers.
9. About 51 nos. of recharge pit with dia.0.3 m and depth 3 m will be provided. Rain water collection sump of 5 numbers of each capacity 20 kLD is also proposed to be provided for collection of roof top run off.
10. About 4 nos. of recharge well with dia.4 m and height 6m will be provided.
11. The proponent is proposed to install 4 no. DG sets 1 No of 200 kVA, 1 No of 300 kVA, 1 No of 330 kVA and 2 Nos of 330 kVA each with a stack height of 48m.

The SEAC noted the following:

1. The Proponent M/s. Casagrand Magick Rufy Private Limited has applied for Environmental Clearance for the Proposed construction of Residential Development in old survey No. 500/1 Part, 500/2 Part, 501, 512/1, 512/2, 513/1 Part, 513/2 Part, 515/2, 518, 519, 520 Part, 521/1, 524 Part of Ambattur Village, Ambattur Taluk, Tiruvallur 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.

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 contour level of the proposed site shall be studied measured and furnished and based on that the contour map, a detailed storm water drainage plan shall be prepared considering the flood occurred in the year 2015 and also considering the surrounding developments.
2. 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. The green belt width should be at least 3m all along the boundaries of the project site, but the total the green belt area should be not less than 15% of the total land area of the project.

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3. The proponent shall furnish the design details of STP and Grey water treatment system after revising the water balance.
4. The space allotment for solid waste disposal and sewage treatment & grey water treatment plant shall be furnished.
5. Details of Solid Waste management plan shall be prepared as per Solid waste management Rules, 2016 and shall be furnished.
6. Details of Rainwater harvesting system proposed should be furnished.
7. Cumulative Impacts of the project considering with other infrastructure developments on the surrounding environs Environment shall be furnished.
8. The proposal for CER shall be furnished as per the office memorandum of MoEF&CC dated 01.05.2018 after working out the cost of project as per PWD guidelines.

The project proponent is requested to submit the aforesaid details to SEIAA-TN. On receipt of above details (Sl.No.1 to 8) from the project proponent, SEAC decided to make an on - the - spot inspection to assess the present status of the site proposed for the construction of Residential Development in old survey No. 500/1 Part, 500/2 Part, 501, 512/1, 512/2, 513/1 Part, 513/2 Part, 515/2, 518, 519, 520 Part, 521/1, 524 Part of Ambattur Village, Ambattur Taluk, District since the water canal passing through the site.

Based on the site inspection report of the sub-committee, SEAC would further deliberate on this project and decide the further course of action.

It was decided that based on the site inspection report of the sub-committee, SEAC would further deliberate on this project and decide the further course of action. The unit furnished reply on 30/01/2020 to SEIAA.

As per the order Lr.No.SEAC-TN/F.No. 7236/2019 dated: 03.02.2020 of the Chairman, SEAC, a Sub-Committee Team comprising of the following SEAC Members was constituted to inspect and study the field conditions for the proposal seeking Environment Clearance by M/s. Casagrand Magick Rufy Private Limited for the proposed construction of Residential Development in old survey No. 500/1 Part, 500/2 Part, 501, 512/1, 512/2, 513/1 Part, 513/2 Part, 515/2, 518, 519, 520 Part, 521/1, 524 Part of Ambattur Village, Ambattur Taluk, Thiruvallur District, Tamil Nadu. The Sub-

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Committee inspected the site on 04.02.2020; The Sub-Committee submit the inspection report to the SEAC for the further course of action with the following recommendations

1. The proponent shall furnish revenue records (A Register, FMB and Village Map) for part I and part II sub division of the project site so as to ascertain the project proponent has not commenced the construction in the project site without EC.
2. Approved CMDA plan for the construction carried out in the project site.
3. Flood inundation certificate from PWD since canal is passing through the site.

The project proponent in its letter dated 20.03.2020 has furnished the details to SEIAA. After detail deliberation, The SEAC decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to the following conditions in addition to normal conditions:

1. All the conditions stipulated in the PWD vide Letter .No. DB/T5(3)/ F-1-Ambathur-007443/2019 dated 12.09.2019 technical opinion along with NOC on inundation point of view on the proposed residential layout abutting the channel crossing and for construction of Culverts across the channel should be strictly followed.
2. Planning permit shall be obtained separately for the Plot A & Plot B, where commercial development proposed in plot A and Residential development proposed in Plot B. only the residential plot B alone Environment Clearance applied and issued. Further, the Subdivision approved shall be obtained from CMDA and the copy of approval should be submitted to TNPCB before obtaining consent from the Board.
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 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 and

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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 project Proponent shall provide Bio Methanation plant for the disposal of the Organic waste and 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. The proponent shall spent the CER amount of Rs.387 Lakhs (1.5% of the total project cost of Rs258.10 Crores) as per the office memorandum of MoEF& CC dated 01.05.2018 for the following activities as proposed by the proponent, before obtaining the CTO from the TNPCB,

Sl.No	CER Activity	Fund allocation for the CER activities (in Crores)
1.	For providing sanitation facilities, drinking water facility, solar power utilization facility& Green belt development in the nearby Government schools(Corporation School, Ambattur, Government School, Mannurpet and Government High School	1.74
2	Ambattur Lake- De-silting, Bund strengthening plantation of trees &grass cover in bunds to prevent soil erosion.	2.13

Agenda No. 151-12

(File No. 7149/2019)

Proposed Rough Stone, Jelly and Gravel Quarry over an Extent of 2.19.5Ha in S.F.Nos.105/6, 105/7, 106/3D, 107/3C1, 107/3C2, 108/1 and 108/2 at Kanarpatti Village, Manur Taluk, Tirunelveli District by Thiru.B.Paramasivam- For Environmental Clearance. (SIA/TN/MIN/41765/2019)

The proposal was placed in the 140th SEAC Meeting held on 10.12.2019. The project proponent gave detailed presentation. The SEAC noted the following:

- a. The Proponent, Thiru.B.Paramasivam has applied for Environment Clearance to SEIAA-TN for the Rough Stone, Jelly and Gravel Quarry over an Extent of 2.19.5Ha in S.F.Nos.105/6, 105/7, 106/3D, 107/3C1, 107/3C2, 108/1 and 108/2 at Kanarpatti Village, Manur Taluk, Tirunelveli District.
- b. The project/activity is covered under Category “B” of Item 1(a) “Mining of Mineral Projects” of the Schedule to the EIA Notification, 2006.

After the detailed presentation, the SEAC directed the proponent to furnish the following details

1. The proponent shall conduct detailed hydro geological studies considering nearby wells (Bore/open wells) so as to assess the impact on agricultural activities in the nearby area to the project site.
2. The proponent shall conduct the impact studies of the proposed mining on the ground water considering depth of water level and quality in nearby wells (Bore/open wells).
3. The proponent shall conduct fugitive modelling studies and Noise level studies (both during day and night) conducted considering the mining and related transportation activities.

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

The project proponent in its letter dated 13.02.2020 has furnished the details to SEIAA. The sub surface ground water and lithology study using geo physical resistivity method done by the department of geology V.O Chidambaram College Thoothukudi.

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After detail deliberation, The SEAC decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to the following conditions in addition to normal 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 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, 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 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.
11. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of

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2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016,M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981 /2016, M.A.No.982/2016 & M.A.No.384/2017).

12. 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.
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 amount of Rs. 1.34 Lakhs (2% of the project cost) shall be utilized as CER activities to carry out development of the sanitary facilities and drinking water facilities for Kanarpatti Government School committed during SEAC meeting. The CER activity shall be carried out before obtaining CTO from TNPCB.

Agenda No. 151-13

(File No. 7161/2019)

Proposed Rough Stone, Jelly and Gravel Quarry over an Extent of 2.10.5Ha in S.F.No.1665/1B at Gangaikondan Part-2 Village, Tirunelveli Taluk, Tirunelveli District by Thiru.P.K.S.Ahamad Meeran- For Environmental Clearance.

(SIA/TN/MIN/43584/2019)

The proposal was placed in the 140th SEAC Meeting held on 10.12.2019. The project proponent gave detailed presentation.

Based on the presentation made by the proponent; the SEAC noted that Gangaikondan Spotted Deer Sanctuary is located at 1.15Kms from the project site and whether the quarrying site falls within the Eco-sensitive zone of Gangaikondan Spotted Deer Sanctuary. As per the Hon'ble Supreme Court order dated 04/08/2006 " proposal involving mining of minerals within the eco sensitive zone or 1km from the boundaries of National park and Sanctuaries whichever is higher is prohibited" .

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Hence the SEAC directed the proponent to furnish the remarks and recommendations of the DFO stating the distance of project site from Gangaikondan Spotted Deer Sanctuary and effect of quarrying on spotted deer ecosystem and other wild life in the area.

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

The project proponent in its letter dated 30.01.2020 has furnished the details to SEIAA. In that the DFO, Tirunelveli has recommended the proposed quarry from the forestry and wild life point of view with certain remarks vide his letter C.No.P/1953/2020 dated 13.03.2020,

After detail deliberation, The SEAC decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to the following conditions in addition to normal conditions;

1. The proponent shall strictly adhere to the following conditions imposed in the recommendations/Remarks issued by the District Forest Officer vide letter C.No.P/1953/2020 dated 13.03.2020,
 - i. The Rough stone quarry site of about 2.10.5 ha should be completely chain linked fence of minimum 6-7 feet to avoid movement of animals in to the area.
 - ii. To reduce the noise pollution from the quarry site should have shelter belt plantations of 3 rows along the boundary.
 - iii. An undertaking may be obtained from the project proponent they will not cause any harm / damage to wildlife before issuing permit.
 - iv. If any damage is made to the Gangaikondan Spotted Deer Sanctuary / RF area by the user agency, action will be taken against them under Tamil Nadu Forest Act 1882. Wildlife (Protection) Act, 1972 and Forest (conservation) Act 1980.
 - v. The user agency should discuss with District Forest Officer and Wildlife Warden, Tirunelveli once in a year regarding the protection towards wildlife.
 - vi. If any damage / Causalities were noticed to the wildlife in future the user agency is held responsible for the lapses.
2. Ground water quality monitoring should be conducted once in every Six months and the report should be submitted to TNPCB.

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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, 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 amount of Rs. 1.33 Lakhs (2% of the project cost) shall be utilized as CER activities to carry out development of the Drinking water facilities for Pottipuram Government School as committed during SEAC meeting as per Office Memorandum of MoEF& CC dated 01.05.2018 the above activity shall be carried out before obtaining CTO from TNPCB.

Agenda No. 151-14

(File No. 7095/2019)

Proposed Rough Stone, Jelly and Gravel Quarry lease over an Extent of 4.24.0Ha in S.F.Nos.430/2, 431/1A, 431/1B, 431/1C, 432/1A, 432/1B, 432/1C and 432/1D at Ariyur Village, Sivagiri Taluk, Tirunelveli District, Tamil Nadu by Thiru.T.Premkumar – For Environment Clearance

(SIA/TN/MIN/40908/2019)

The proposal was placed in this 136th SEAC Meeting held on 20.09.2019. The project proponent gave detailed presentation,

The SEAC noted the following:

1. The Proponent, Thiru. T. Premkumar has applied for Environmental Clearance to SEIAA-TN for proposed Rough Stone, Jelly and Gravel Quarry lease over an Extent of 4.24.0Ha in S.F.Nos.430/2, 431/1A, 431/1B, 431/1C, 432/1A, 432/1B, 432/1C and 432/1D at Ariyur Village, Sivagiri Taluk, Tirunelveli District, Tamil Nadu.
2. The project/activity is covered under Category “B2” of Item 1(a) “Mining of Mineral Projects” of the Schedule to the EIA Notification, 2006.

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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 following condition in addition to normal condition:

1. The proposed Rough Stone quarry at Ariyur Village, Sivagiri Taluk, Tirunelveli District, Tamil Nadu falls under HACA. Hence, the project proponent has to submit the HACA clearance before placing the subject to SEIAA.
2. Ground water quality monitoring should be conducted every Six months and the report should be submitted to TNPCB.
3. 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, taking wind direction into consideration.
4. The project proponent shall furnish the photos of fencing area shall be submitted to SEIAA before placing the subject to SEIAA meeting.
5. The operation of the quarry should no way impact the agriculture activity & water bodies near the project site.
6. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
7. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.
8. 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.
9. 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).
10. The entire mining operation should be as per the guidelines for sustainable sand mining issued in 2016 by the MoEF & CC, GOI, New Delhi.
11. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation.

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12. The mine closure plan submitted by the project proponent shall be strictly followed after the laps of the mine as reported.
13. CER activities should be carried out for developing the sanitary facilities/ drinking water facilities for therkkumadathur Government school for Rs. 1.70 lakhs as committed during SEAC meeting as per Office Memorandum of MoEF& CC dated 01.05.2018 the above activity shall be carried out before obtaining CTO from TNPCB.

The subject was placed before the 369th SEIAA meeting held on 10.02.2020, the authority decided to defer back to SEAC for want of HACA clearance from the project proponent.

The project proponent has submitted the reply on 10.02.2020 along with the HACA clearance issued by the Member Secretary, Hill Area Conservation Authority vide RoC No.1858/2018/HACA dated 13.01.2020.

The subject was placed along with the reply submitted by the proponent in the 151th SEAC meeting held on 11.05.2020 After detail deliberation, the SEAC once again decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to the condition specified in the minutes of the 136th SEAC Meeting held on 20.09.2019 in addition to the following condition

The Forest NoC should be obtained that the proposed mining site is not covered under ECO sensitive zone and same should be produced before grant of mining lease as the condition imposed in the HACA clearance vide RoC No.1858/2018/HACA dated 13.01.2020 .

Agenda No. 151-15

(File No. 7212 /2019)

Proposed Rough stone quarry lease over an extent of 2.50.0Ha comprising S.F.Nos. 284(P-1) of Sigaralapalli Village, Bargur Taluk, Krishnagiri District, Tamil Nadu by Thiru. R. Srimuthu— For Environmental Clearance.

(SIA/TN/MIN/45101/2019)

The proposal was placed in the 139th SEAC Meeting held on 23.11.2019. The project proponent gave detailed presentation.

The SEAC noted the following:

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1. The Proponent, Thiru. R.Srimuthu has applied for Environment Clearance for the Rough Stone quarry lease over an extent of 2.50.0Ha in S.F.No: 284(P-1), Sigaralapalli Village, Bargur Taluk, Krishnagiri District, Tamil Nadu.
2. The project/activity is covered under Category "B" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.

The project proponent made a detailed presentation about the proposal. Based on the presentation made by the proponent and the documents furnished, the SEAC noted that there is an infrastructure/building located at 200m. Hence the SEAC directed the proponent to furnish the following details.

1. The proponent shall furnish the modeling studies for fugitive emissions and noise level studies during mining operation and transportation.
2. The proponent shall furnish the protective measures for fugitive emissions so as to mitigate the possible impact on the nearby infrastructure /building.

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

The project proponent in its letter dated 11.03.2020 has furnished the details to SEIAA. After detail deliberation, The SEAC decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to the following conditions in addition to normal 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 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, 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 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.
11. 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).
12. 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.
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 amount of Rs. 3.366 Lakhs (2% of the project cost) shall be utilized as CER activities to carry out development of the Sports Facilities and providing Toilet, Water Filter Facilities to Government School in Bargur Village as committed

during SEAC meeting as per Office Memorandum of MoEF& CC dated 01.05.2018 the above activity shall be carried out before obtaining CTO from TNPCB.

Agenda No. 151-16

(File No. : 7169/2019)

Proposed Rough Stone and Gravel quarry over an Extent of 0.68.00 Ha in S.F. No. 10/1(P) at Kappiyarai 'A' Village, Kalkulam Taluk, Kanniyakumari District, Tamil Nadu by Thiru. P. Suresh Kumar - For Environmental Clearance.

(SIA/TN/MIN/43851/2019)

The Proponent, Thiru. P. Suresh Kumar has sought Environment Clearance for the proposed Rough Stone and Gravel quarry over an Extent of 0.68.00 Ha in S.F. Nos. 10/1(P) at Kappiyarai 'A' Village, Kalkulam Taluk, Kanniyakumari District, Tamil Nadu. The proposal was placed in this 140th SEAC Meeting held on 09.12.2019. The project proponent gave detailed presentation. The SEAC noted the following:

1. The Proponent, Thiru P. Suresh Kumar applied for Environmental Clearance to SEIAA-TN on 21.08.2019 for the proposed Rough Stone and Gravel quarry over an Extent of 0.68.00 Ha in S.F. Nos. 10/1(P) at Kappiyarai 'A' Village, Kalkulam Taluk, Kanniyakumari District, Tamil Nadu.
2. The project/activity is covered under Category "B" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.

After the detailed presentation, the SEAC directed the proponent to furnish the following details

1. Ground water quality study carried out on the wells located in the surrounding area within 2 km.
2. AAQ, Fugitive emission modeling, Noise studies to be carried out and the data needs to be submitted.
3. It was noticed that there was a crusher inside the proposed mining area. Hence the proponent shall furnish the present status of the crusher.

On receipt of the aforesaid details, SEAC decided to make an on - the - spot inspection to assess the present status of the site by the sub-committee constituted

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by the SEAC. Based on the inspection report, SEAC would further deliberate on this project and decide the further course of action.

Sub-Committee of the SEAC Members was constituted to inspect and study the field conditions for the proposal seeking Environment Clearance for the proposed Rough Stone and Gravel quarry over an Extent of 0.68.00 Ha in S.F. Nos. 10/1(P) at Kappiyarai 'A' Village, Kalkulam Taluk, Kanniyakumari District, Tamil Nadu.

The Sub-Committee inspected the site on 26.01.2020; To start with, the Sub-Committee held discussions with the project proponent regarding the proposal seeking Environment Clearance for the proposed Rough Stone and Gravel quarry over an Extent of 0.68.00 Ha in S.F. Nos. 10/1(P) at Kappiyarai 'A' Village, Kalkulam Taluk, Kanniyakumari District, Tamil Nadu.

The committee inspected the project site. During the inspection, the following were observed

1. The quantity of rough stone already mined out in the pit was not available. Hence the committee directed the project proponent to furnish the said details from AD mines.
2. There is an operating M-Sand plant adjacent to the proposed quarry. Hence the committee directed the proponent shall conduct noise level survey and cumulative fugitive emission modelling study considering the M Sand unit located near proposed site and furnish the report as stipulated in the SEAC minutes vide agenda item no 140-01-10.
3. The sub-committee noted that there are trees to be removed during commencement of the quarry. Hence the proponent is directed to furnish the detailed account of the number of trees along with the details of species to be removed and the proposal for removing and replanting the trees in the alternate site.

The sub-committee recommends to the SEAC that the project proposal may be considered for further deliberation once the above said details are received.

The inspection report was placed in this 144th SEAC meeting held on 17.02.2020. After detail deliberations, the SEAC accepted the recommendations of the subcommittee and project proposal shall be considered for further deliberation once the above said details are received.

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The project proponent in its letter dated 20.03.2020 has furnished the details to SEIAA. After detail deliberation, The SEAC decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to the following conditions in addition to normal 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 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, 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 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.

11. 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).
12. 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.
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 amount of Rs. 1.22 Lakhs (2% of the project cost) shall be utilized as CER activities to carry out development of the sanitary facilities/Drinking water facilities for Kappiyarai 'A' Government School as committed during SEAC meeting as per Office Memorandum of MoEF& CC dated 01.05.2018 the above activity shall be carried out before obtaining CTO from TNPCB.

Agenda No. 151-17

(File No. 7027/2019)

Proposed rough stone and gravel quarry over an extent of 2.93.5ha in S.F.nos.114/1D1, 114/1D2, 116/1A, 116/18, 116/1C, 116/2D, 116/3, 116/4, 116/5, 116/6, 116/7 AND 116/8 at T.kadambankulam village, Kariyapatti taluk, Virudhunagar district, Tamil Nadu by M/S.R.S.R. BLUE METALS— For Environment Clearance (SIN/TN/MIN/40486/2019)

The proposal was placed in the 136th SEAC Meeting held on 21.09.2019. The Project proponents send detailed presentation. The salient features of the project as presented by the proponent. Based on the presentation, 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 since there is one oorani on north-east side of the boundary of

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this project site and also one plot layout is located within 300m. Based on the inspection report, SEAC would further deliberate on this project and decide the further course of action.

As per the order Lr.No.SEAC-TN/F.No.7129/2019 dated: 30.01.2020 Sub-Committee was constituted with the SEAC Members to inspect and study the field conditions for the said proposal seeking Environment Clearance. The Sub-Committee inspected the site on 02.02.2020 and the Sub-Committee held discussions with the project proponents regarding the proposal and during inspection of the site, the following were observed.

1. It was observed that proposed site was an existing pit with a mined out approximately upto a depth of 20m.
2. No fencing arrangements were provided around the periphery of the mining site.
3. A dry water pond was located in the North Eastern side of the projects for which a safety distance of 20m was found left.

The Sub-Committee inspection report was placed. The Inspection report of the sub-committee was placed in this 144th SEAC meeting held on 17.02.2020. After detail deliberations, the SEAC decided to defer the proposal for the next SEAC meeting.

The project proponent in its letter dated 20.03.2020 has furnished the details to SEIAA. After detail deliberation, The SEAC decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to the following conditions in addition to normal 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 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

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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, 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 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.
11. 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).
12. 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.
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 amount of Rs. 3.32 Lakhs (2% of the project cost) shall be utilized as CER activities to carry out development of the Sanitary facilities for T. Kadambankulam Government School as committed during SEAC meeting as per Office Memorandum of MoEF& CC dated 01.05.2018 the above activity shall be carried out before obtaining CTO from TNPCB.

Agenda No. 151-18

File No: 2894/13

Proposed existing limestone mining lease over an extent of 9.94.5ha S.F.Nos. 292/4, 292/5, 292/6, 301(P), 304/1, 305/1 and 306(P) of Periyanaalur Village, Ariyalur Taluk, Ariyalur District by M/s. Tamil Nadu Minerals Ltd, Chennai under Activity 1(a) – Mining of major mineral – EC to be issued under violation notification dated: 14.03.2017 & 14.03.2018 of MoEF & CC.

(SIA/TN/MIN/46365/2017)

The Proponents M/s. Tamil Nadu Minerals Ltd, Chennai has applied for EC for the proposed existing limestone mining lease over an extent of 9.94.5ha S.F.Nos. 292/4, 292/5, 292/6, 301(P), 304/1, 305/1 and 306(P) of Periyanaalur Village, Ariyalur Taluk, Ariyalur District, Tamil Nadu on. 02.06.2018.

The proponent was issued ToR vide SEIAA Lr No. SEIAA-TN/F.No 2894/F.No.2894/2018/TOR-608/2019 dated 20/02/2019.

The proposal was placed along with the EIA report in the 142nd SEAC Meeting held on 21.01.2020. The salient features of the project and the environmental impact assessment along with ToR compliance were presented by the proponent.

Based on the presentation made by the proponent, the SEAC decided to make an on - the - spot inspection to assess the field conditions by the sub-committee constituted by the SEAC since the project falls under the violation category. Based on the inspection report, SEAC would further deliberate on this project and decide the further course of action.

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Accordingly, the Chairman, SEAC constituted a sub-committee of SEAC and the sub-committee inspected the Project Site of M/s. Tamil Nadu Minerals Ltd. on March 4, 2020 and made the following observation and recommendations

. Brief Note on Periyagalur Limestone mine of M/s. Tamil Nadu Minerals Ltd., Ariyalur Taluk & District

1. Lease Government of Tamil Nadu granted mining lease to TAMIN for mining limestone mineral over an extent of 9.94.5 hectares in government land and TAMIN's patta land of Periyagalur Village, Ariyalur Taluk and District (erstwhile Trichy district) for 20 years vide G.O Ms.No. 1659 Industries Department, dated.05/12/1981. The lease deed was executed with district Collector on 30/06/1986 and the lease expired on 29/06/2006. There is one State Highway (SH) road from Ariyalur to Muttuvancherri village (V.Kaikatti/Jayamkondam) running from west to eastern direction in between the lease area. This road dividing the lease area into two parts. Hence, the lease area is called as northern portion and southern portion.
2. Past Production details:
The TAMIN produced and dispatched 33,77,910.615 tonnes of Limestone mineral for the past twenty years up to 2017 up to an average depth of 14 meter in northern side and 32 meter in the southern side from the ground level.
3. The mining plan for this limestone mine has been approved for 5 years period from 2020-2021 to 2024 -2025 by the Regional Controller of Mines (RCOM), Indian Bureau of Mines (IBM), Chennai vide TN/ALR/LST/ROMP-1566.MDS, dated. 30/10/2019. Indian Bureau of Mines has approved to mine for the quantity of 5,62,085 tonnes of limestone mineral during the above 5 years period.

The Sub-Committee made the following observation and recommendations during the site visit:

1. M/s. Tamil Nadu Minerals Ltd., Chennai should install cautionary board at the entry and important location of the mining site displaying caution notice to the public about the danger of the entering the limestone mining areas

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2. Lateral benching (steps) to be provided at the mined area considering the existing depth of 32m in the mined area
3. Fencing all along the mined areas at the both the portions to be revamped and made a continuous one without any gap or space to prevent entry of the people and animal in to the mined site.
4. Bio-fencing (thick vegetation cover) to be developed along the boundaries of the mined area.
5. Water in the mined pit area to be supplied to the kanmaai (tank) and the suitability of this mined water supplied to the surrounding areas need to be checked for agricultural and domestic application.
6. Safety precautionary measures for all the employs who are working in the mines should be practiced and strictly to be followed
7. Fugitive emission needs to be monitored on weekly basis and the compiled 6 monthly report need to be submitted to SEAC and TNPCB.
8. The control measures for the fugitive emission during drilling and cutting operation of rocks to be adopted at the site.
9. Noise measurement also should be measured on a weekly basis and the report to be submitted to TNPCB on 6 monthly basis
10. Medical checkup of the all the employs to be carried out periodically, specifically with respect to dust exposure levels and the possible control measures taken by M/s. Tamil Nadu Minerals Ltd., Chennai for minimizing the dust exposure level on the worker and improving their health conditions to be furnished to the competent authority.
11. It is recommended that future necessary caution needs to be taken regarding environment and ecological damage and protection as per the norms
12. The proponent shall form the proper benches during the operation of quarry.
13. During rainy season, the proponent shall supply a water to the farmers from the quarry after achieving the standards for irrigation purpose.
14. The proponent shall provide more greenbelt in the periphery of the mining area.

The proposal placed before the 151th SEAC meeting held on 11.05.2020 along with the inspection report of the sub-committee. After the detailed discussion, the SEAC decided to follow the guidelines which was decided by the last Authority. The SEAC was classified the level of damages by the following criteria in the Joint Meeting (SEIAA & SEAC) held on 23.07.2018.

A Guideline for the fixation of bank guarantee for Ecological damages, Nature resource augmentation plan and Community resource augmentation plan for the mining proposals filed under the violation notification dated: 08.03.2018

Based on the above said guidelines this project comes under high violation category.

The Committee observes that the project by existing limestone mining lease over an extent of 9.94.5ha S.F.Nos. 292/4, 292/5, 292/6, 301(P), 304/1, 305/1 and 306(P) of Periyagalur Village, Ariyalur Taluk, Ariyalur District by M/s. Tamil Nadu Minerals Ltd., comes under the “High level Ecological damage category”. The Committee decided to recommend the proposal to SEIAA for grant EC subject to the following conditions in addition to the normal conditions:

1. The amount prescribed for Ecological remediation (Rs. 4.98 lakhs), natural resource augmentation (Rs.5.97 lakhs) & community resource augmentation (Rs. 7.46 lakhs), totalling to Rs. 18.41 lakhs shall be remitted in the form of bank guarantee to Tamil Nadu Pollution Control board, before obtaining Environmental Clearance and submit the acknowledgement of the same to SEIAA-TN. The funds should be utilized for the remediation plan, Natural resource augmentation plan & Community resource augmentation plan as indicated in the EIA/EMP report.
2. The project proponent shall carry out the works assigned under ecological damage, natural resource augmentation and community resource augmentation within a period of one year. If not, the bank guarantee will be forfeited to TNPCB without further notice.
3. The proponent shall spend CER amount of 4.98 lakhs for providing infrastructure for sanitary facility/ providing solar lights and green belt

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development in the Government School at Perianagalur Village, Ariyalur Taluk & District and the proponent shall submit the proof for the same to SEIAA before issuance of Environment Clearance.

4. M/s. Tamil Nadu Minerals Ltd., Chennai should install cautionary board at the entry and important location of the mining site displaying caution notice to the public about the danger of the entering the limestone mining areas
5. Lateral benching (steps) to be provided at the mined area considering the existing depth of 32m in the mined area
6. Fencing all along the mined areas at the both portions to be revamped and made a continuous one without any gap or space to prevent entry of the people and animal in to the mined site.
7. Bio-fencing (thick vegetation cover) to be developed along the boundaries of the mined area.
8. Water in the mined pit area to be supplied to the kanmaai (tank) and the suitability of this mined water supplied to the surrounding areas need to be checked for agricultural and domestic application.
9. . Safety precautionary measures for all the employs who are working in the mines should be practiced and strictly to be followed
10. Fugitive emission needs to be monitored on weekly basis and the compiled 6 monthly report need to be submitted to SEAC and TNPCB.
11. The control measures for the fugitive emission during drilling and cutting operation of rocks to be adopted at the site.
12. Noise measurement also should be measured on a weekly basis and the report to be submitted to TNPCB on 6 monthly basis.
13. Medical checkup of the all the employs to be carried out periodically, specifically with respect to dust exposure levels and the possible control measures taken by M/s. Tamil Nadu Minerals Ltd., Chennai for minimizing the dust exposure level on the worker and improving their health conditions to be furnished to the competent authority.
14. It is recommended that future necessary caution needs to be taken regarding environment and ecological damage and protection as per the norms
15. The proponent shall form the proper benches during the operation of quarry.

16. During rainy season, the proponent shall supply a water to the farmers from the quarry after achieving the standards for irrigation purpose.
17. The proponent shall provide more greenbelt in the periphery of the mining area.
18. The proponent shall submit the proof for the credible action taken by the state Government/TNPCB against the proponent under the provisions of section 19 of the Environment (Protection) Act, 1986 before placing the subject to SEIAA.

Agenda No. 151-19

(File No. 4393/2019)

Existing Black Granite quarry lease over an extent of 47.88.0 ha in S.F.No. 466(Part) at Rendaddi Village, Walajah Taluk, Vellore District, Tamil Nadu by M/s. Tamil Nadu Minerals Limited- For Environmental Clearance.

(SIA/TN/MIN/23924/2018)

Brief History:

The proponent, M/s. Tamil Nadu Minerals Limited, has applied for ToR to SEIAA -TN on 09.04.2018 for mining of Black Granite over an extent of 47.88.0 Ha at S.F. No. 466 (Part). Rendadi Village, Walajah Taluk, Vellore District. It is an existing Black Granite quarry under operation without obtaining EC and having mining lease valid up to 16.09.2027.

The Essential features of the projects are as follows:

1. Government order/ Lease details:

The mining lease was initially granted to TAMIN for an extent 75.05.0 Ha vide G.O. (3D) No. 71, Industries (MME-II) Department dated: 20.08.2017 for the period of 20 years from 17.09.2007 to 16.09.2027. Subsequently, TAMIN submitted the surrender proposal over an extent of 27.17.0 Ha out of 75.05.0 Ha and the same was accepted by the Government vide G.O. (3D) No. 14, industries (MME-1) Department dated: 04.09.2013. As of now, total extent of lease hold area is 47.88.0 Ha (75.05.0 ha 27.17.0 ha = 47.88.0 ha). The mining lease is valid upto 16.09.2027.

2. Mining Plan/Scheme of mining approval details:

The mining plan was approved by Commissioner of Geology and Mining, Chennai in Lr.No. 4784/MM5/2007 dated: 08.08.2007 for an extent of

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75.05.0 ha. TAMIN submitted the surrender proposal over an extent of 27.17.0 Ha out of 75.05.0 Ha and the same was accepted by the Government vide G.O. (3D) No. 14, industries (MME-1) Department dated: 04.09.2013. The modified mining plan was submitted to the Commissioner of Geology & Mining, Chennai vide Lr. No. 5073/ML3/2012 dated: 21.04.2014 and the same is under process at the Commissionerate of Geology & Mining. The 1st Scheme of mining for the period 2012-13 to 2016-17 was approved vide Lr. No. 5073/ML3/2012, dated: 23.04.2012. The modified 1st scheme of mining pertaining to the years 2012-13 to 2016-17 was submitted under Rule 16 (3) of GCDR, 1999 vide Lr. No. 5073/ML3/2012 dated: 21.04.2014. The present 2nd Scheme of mining for the period 2017-18 to 2021-22 is being prepared and submitted for approval.

3. The production schedule for the years 2017-18 to 2021-22 states that the total quantity of recoverable Black Granite should not exceed 35900 cu.m.

For 2017-18 - 7177 cu.m

For 2018-19 - 7178 cu.m

For 2019-20 - 7199 cu.m

For 2020-21 - 7158 cu.m

For 2021-22 - 7188 cu.m

4. The waste that will be resulting in the mining operation for the 5 years 2017-18 to 2021-22 will be 323105 Cu.m.
5. Mining operation will be by Opencast Semi Mechanized Method.
6. Black Granite is to be transported from pithead to sale point for non-captive use by trucks of 10/20 T capacity,

The proposal was placed in this 136th SEAC Meeting held on 20.09.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. The Quarry lease was issued in the name of M/s Tamil Nadu Minerals Limited by the Secretary to Government, Industries Department, Chennai, vide Letter. No. G.O. (3D) No. 71 dated 20.08.2007 for a period of 20 years to quarry black granite over an extent of 47.88.00 Hectares in S.F.No 466 (Part), Rendadi Village, Walajah Taluk, Vellore District.

2. The unit was issued ToR under violation category vide Lr No .SEIAA-TN/F.No.4393/ToR-405/2018 dated 18.05.2018.
3. Quarrying Operation will be done by Opencast Semi Mechanised method.
4. Lease applied area is not covered under HACA region.
5. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area.
6. No Interstate boundary & Western Ghats Boundary within the radius of 5km from the lease area.
7. No National Park & Wild life Sanctuary within the radius of 10km from the lease area.
8. 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 5km from the lease area.
9. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km.

The SEAC noted the following:

1. The Proponent, M/s. Tamil Nadu Minerals Limited has applied for Environmental Clearance to SEIAA-TN on 18.02.2019 under violation notification issued by the MoEF&CC for the existing Black Granite Quarry over an extent of 47.88.0 Ha at S.F. No. 466 (Part), Rendadi Walajah Taluk, Vellore District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.

The subject was placed in the 136th SEAC meeting held on 20.09.2019. The SEAC noted that the project proponent has not furnished documents related to the public hearing in the EIA report as requested in the amended Terms of Reference issued to the M/s, Tamil Nadu Minerals Limited vide Lr.No.SEIAA-TN/F.No.4393/ToR-405/2018 dated 18.05.2018. Hence, the SEAC decided to defer the proposal and requested the project proponent to furnish the public hearing minutes as per the amendment in the Terms of Reference issued with public Hearing as per the Hon'ble High Court of Madras in its order dated 13.10.2017 in W.P. No. 11189 of 2017 for considering the mining period from 2018-19 onwards only for the preparation of EIA report along with additional

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ToR vide Letter.No.SEIAA-TN/F-4393/SEAC-CXVIII/ToR-405(A)/2018 dated 30.07.2018.

The project proponent has furnished the above said details to SEIAA. The Chairman, SEAC constituted a sub-committee of SEAC and the sub-committee inspected the Project Site of M/s. Tamil Nadu Minerals Ltd. on March 18. 2020. The Sub-Committee made the following observation and recommendations during the site visit:

1. M/s. Tamil Nadu Minerals Ltd., should install cautionary board at the entry and important location of the mining site displaying caution notice to the public about the danger of the entering the mining areas
2. The HT line is passing through the north-south direction in mine lease area. The proponent has informed that 50m safety distance of 50m is provided. The sub-committee insisted to provide 100m of safety distance instead of 50m.
3. Bio-fencing (thick vegetation cover) to be developed along the boundaries of the mined area.
4. . Safety precautionary measures for all the employs who are working in the mines should be practiced and strictly to be followed
5. The control measures for the fugitive emission during drilling, and cutting operation of rocks to be adopted at the site.
6. Noise measurement also should be measured on a weekly basis and the report to be submitted to TNPCB on 6 monthly basis.
7. Medical checkup of the all the employs to be carried out periodically, specifically with respect to dust exposure levels and the possible control measures taken by M/s. Tamil Nadu Minerals Ltd., Chennai for minimizing the dust exposure level on the worker and improving their health conditions to be furnished to the competent authority.
8. It is recommended that future necessary caution needs to be taken regarding environment and ecological damage and protection as per the norms
9. The proponent shall form the proper benches during the operation of quarry.
10. The proponent shall provide more greenbelt in the periphery of the mining area.

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The proposal placed before the 151th SEAC meeting held on 11.05.2020 along with the inspection report of the sub-committee. After the detailed discussion the SEAC decided to follow the guidelines which was decided by the last Authority. The SEAC was classified the level of damages by the following criteria in the Joint Meeting (SEIAA & SEAC) held on 23.07.2018.

A Guideline for the fixation of bank guarantee for Ecological damages, Nature resource augmentation plan and Community resource augmentation plan for the mining proposals filed under the violation notification dated: 08.03.2018. Based on these guidelines this project comes under low violation Category.

The Committee observes that the project by existing Black Granite quarry over an extent of 47.88.0 Ha at S.F. No.466(Part), Rendadi Village Walajah Taluk, Vellore District by M/s. Tamil Nadu Minerals Ltd, comes under the “Low level Ecological damage category”. The Committee decided to recommend the proposal to SEIAA for grant EC subject to the following conditions in addition to the normal conditions:

1. The amount prescribed for Ecological remediation (Rs. 19.15 lakhs), natural resource augmentation (Rs.23.94 lakhs) & community resource augmentation (Rs. 33.52 lakhs), totaling Rs. 76.61 lakhs shall be remitted in the form of bank guarantee to Tamil Nadu Pollution Control board, before obtaining Environmental Clearance and submit the acknowledgement of the same to SEIAA-TN. The funds should be utilized for the remediation plan, Natural resource augmentation plan & Community resource augmentation plan as indicated in the EIA/EMP report.
2. The project proponent shall carry out the works assigned under ecological damage, natural resource augmentation and community resource augmentation within a period of one year. If not, the bank guarantee will be forfeited to TNPCB without further notice.
3. The proponent shall spend CER amount of 19.15 lakhs for providing infrastructure for sanitary facility/ providing solar lights and green belt development in the Government School at Rendadi Village, Ranipet District and the proponent shall submit the proof for the same to SEIAA before issuance of Environment Clearance.

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4. M/s. Tamil Nadu Minerals Ltd., should install cautionary board at the entry and important location of the mining site displaying caution notice to the public about the danger of the entering the mining areas
5. The HT line is passing through the north-south direction in mine lease area. The proponent has informed that 50m safety distance of 50m is provided. The sub-committee insisted to provide 100m of safety distance instead of 50m.
6. Bio-fencing (thick vegetation cover) to be developed along the boundaries of the mined area.
7. . Safety precautionary measures for all the employs who are working in the mines should be practiced and strictly to be followed
8. The control measures for the fugitive emission during drilling, and cutting operation of rocks to be adopted at the site.
9. Noise measurement also should be measured on a weekly basis and the report to be submitted to TNPCB on 6 monthly basis.
10. Medical checkup of the all the employs to be carried out periodically, specifically with respect to dust exposure levels and the possible control measures
11. taken by M/s. Tamil Nadu Minerals Ltd., Chennai for minimizing the dust exposure level on the worker and improving their health conditions to be furnished to the competent authority.
12. It is recommended that future necessary caution needs to be taken regarding environment and ecological damage and protection as per the norms
13. The proponent shall form the proper benches during t operation of quarry.
14. The proponent shall provide more green-belt in the periphery of the mining area.
15. The proponent shall submit the proof for the credible action taken by the state Government/TNPCB against the proponent under the provisions of section19 of the Environment (Protection) Ac, 1986 before placing the subject to SEIAA.



Chairman
SEAC-TN