

STATE EXPERT APPRAISAL COMMITTEE – TAMIL NADU

Minutes of the 140th Meeting of the State Expert Appraisal Committee (SEAC) held on 10th December 2019 for Appraisal of Building and Construction Projects, Townships and Area Development projects & Mining projects at Conference Hall, 2nd floor (down), PanagalMaligai, Saidapet, Chennai.

Agenda No.: 140 –02- 01

(File No. 613/2019)

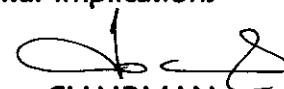
Proposed Construction of additional hospital buildings at S.F. No. 298, 300/2, 306, 307 pt, 308 pt, 499, 500, 501 & 502 pt, Sowripalayam Village, Coimbatore South Taluk, Coimbatore District by M/s. PSG Hospitals - For Environmental Clearance.

(SIA/TN/MIS/122452/2019)

The proposal was placed in the 140th SEAC Meeting held on 10.12.2019. The SEAC noted the following:

1. The Proponent M/s. PSG Hospitals has applied for Environmental Clearance “Building and Construction Projects” at S.F. No. 298, 300/2, 306, 307 pt, 308 pt, 499, 500, 501 & 502 pt, Sowripalayam Village, Coimbatore South Taluk, Coimbatore 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.

The SEAC noted that the project was applied under violation category and found to be a significant project considering its size and violation made already. However, the SEAC-TN was disappointed to note that that there was no proper representative from project proponent was available for the presentation along with the NABET accredited consultant to present the project details. Hence the SEAC directed the NABET consultant to make presentation along with Designated Applicant/Authorized Signatory of the project so as to understand the seriousness of the Violation, Environmental implications and costs.


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Agenda -140-02-02

File No.6467/2018

Proposed fishing harbour in Thillayadi village, Tharangambadi Taluk, Nagapattinam District for the extent of 6.742 Ha by Department of Fisheries, Government of Tamil Nadu for Environmental Clearance

(SIA/TN/MIS/46910/2018)

The proposal was placed in the 140th SEAC Meeting held on 10.12.2019. 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 Department of Fisheries, Government of Tamil Nadu has planned to develop the protective fishing harbour facility at Tharangambadi in order to fulfil the long-term aspirations of the people of Tharangambadi and its neighbouring twenty four coastal villages. The harbour is planned to provide safe berthing of boats for twelve months in a year and enhance the fish handling facilities to 8500 Tons per Annum. Capital cost of the project is Rs. 120 crore and expected time of completion is 2- 3 years after obtaining the Environmental clearance.
2. The fishing harbour will be located in Thillayadi village, Tharangambadi Taluk, Nagapattinam District comprises 10 Fishing villages with a total fishermen population of 14468Nos.
3. The requirement of land will be about 6.742 Ha. The land for the proposed site belongs to State Govt. and is non- agricultural land.
4. The Marine and Onshore facilities are provided as per the norms of Central Institute of Coastal Engineering for Fishery, Bangalore (CICEF). The length of the harbour between the two breakwaters will be 700 m, northern breakwater - 340 m, southern breakwater - 1070 m, vertical wharf - 400 m, beach landing for FRP's and Catamarans - 300 m, depth inside harbour - 3.5 m w.r.t. CD.

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5. The layout was thus improved/finalized and the facilities such as beach landing facilities, landing quays, outfitting quays, idle-berthing quays, repair quays, dredging required etc have been discussed again in this chapter for completeness of this task module. The proposed Fishing Harbour at Tharangambadi is planned for handling 1000 FRPs and 250 MFVs.
6. Tharangambadi Village was extensively damaged during the Tsunami occurred during 2004. The fisher folks in and around the Tharangambadi lost their livelihood due to Tsunami. In order to eliminate the difficulties being faced by the fisher folk the Government of Tamil Nadu have accorded sanction for an amount of Rs. 120.00 Crores vide G.O.Ms No 7 dated 08.01.2019 of Animal Husbandry ,Dairying and Fisheries (FS1) Department, to Development of Fishing harbour at Tharangambadi in Nagapattinam.
7. The following infrastructural facilities are provided in this project:

1. South Break Water	- 1060M
2. North Break Water	- 330M
3. Wharf	- 340M
4. Sloping Hard	- 65x30M
5. Dredging and Reclamation	- 120000 Cum
6. Auction Hall	- 1 No.
7. Net Mending Shed	- 1 No.
8. Administrative Building & Health Centre	- 1 No.
9. Security Room	- 1 No
10. Public Toilet	- 1 No
11. Over Head Tank	- 1 No
12. Fresh Water sump	- 1 No
13. Fishermen Rest Shed	- 1No

The proposed development initiated by the Government of Tamil Nadu is aimed at fulfilling the long term aspiration of the people of Tharangambadi and its neighbouring ten coastal villages.


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The SEAC noted that presentation does not include various essential impact studies and the following details

1. ToR compliance report was found to be not specific according to ToR.
2. The quantification of upgradation and degradation in the environment of the project site.
3. Impact in Tourism, Shoreline and Fish movements etc
4. Proposal for emergency response plan, risk assessment and mitigation plan for oil spill events.

Hence, the SEAC directed the proponent and the consultant to appear for presentation once again with aforesaid details and other Environmental Impact data and studies in full shape.

Agenda -140-02-03

File No.7098/2019

Proposed Rough stone and Gravel quarry over an extent of 2.89.0Ha in S.F.Nos.328/14(P), 328/16(P), 328/17(P), 363/1(P), 363/2(P), 363/3 & 363/4(P) at Kadambankulam Village, Virudhunagar Taluk, Virudhunagar District, Tamil Nadu by Thiru.S.Manickavasagam, – For Environmental Clearance.

(SIA/TN/MIN/129015/2019)

The proposal was placed in the 140th SEAC Meeting held on 10.12.2019. 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:



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1. Government Order / Lease details:

- a. The Quarry lease was applied in the name of Thiru.S.Manickavasagam, Precise Area Communication was issued by the District Collector, Virudhunagar vide Rc.No.KV1/114/2019-Mines Dated: 23.07.2019 for a period of 5 years. It is a fresh lease for Rough stone and Gravel quarry over an extent of 2.89.0Ha in S.F.Nos. 328/14(P), 328/16(P), 328/17(P), 363/1(P), 363/2(P), 363/3 & 363/4(P) at Kadambankulam Village of Virudhunagar Taluk, Virudhunagar District.

2. Mining Plan / Scheme of Mining approved details:

- a. The Mining plan was prepared for a period of 5 years. The mining plan was ~~not~~ approved ^{by} the Deputy Director, Department of Geology and Mining, Virudhunagar District vide Rc.No.KV1/114/2019 Dated: 14.08.2019.

3. As per the Department of Geology and Mining, Virudhunagar District. Mining Plan approval for the 5 years, the production schedule for 5 years states that the total quantity of Rough stone should not exceed 4,59,340m³ and Gravel should not exceed 41,132m³

- a. For First year - 1,02,830m³ of Rough stone and Gravel 23,312m³
- b. For Second year - 87,480m³ of Rough stone
- c. For Third year - 73,805m³ of Rough stone
- d. For Fourth year - 1,10,585m³ of Rough stone
- e. For Fifth year - 84,640m³ of Rough stone

4. The quarry operation is proposed up to a depth of 42m (2m Gravel + 40m Rough stone).
5. The Quarry operation is proposed to be carried out with open cast semi mechanized.
6. Rough stone are to be transported by Tippers of 2 Nos. (15 T Capacity).
7. The project is located at 09° 30' 12.34"N to 09° 30' 21.01"N latitude and 78° 00' 54.43"E to 78° 01'00.71"E Longitude.


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8. The total Manpower requirement is 21Nos.
9. Total cost of the projects is Rs. 36.00lakhs and EMP cost about Rs. 6.20 lakhs
10. The water table is reported to be at the depth of 58m in summer and 54m in rainy season.
11. Lease area applied is not covered under HACA region.
12. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area.
13. No Interstate boundary & Western Ghats Boundary is located within the radius of 10km from the lease area.
14. No National Park & Wild Life Sanctuary is located within the radius of 10km from the lease area.
15. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 is located within the radius of 10km from the lease area.
16. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area is located within the radius of 10km.
17. Letter obtained from the Deputy Director, Department of Geology and Mining, Virudhunagar vide Letter RC. No. KV1/114/2019 dated 26.08.2019, it is informed that the quarry details within 500 meter radius from the proposed area for environmental clearance as detailed below:

Details of quarry within 500 meters from the applied area

S. No.	Quarry Details	Village	S. F. No.	Extent
I. Existing quarries				
1.	M/s. Kartya constructions	Kadambankulam	328/8A, 328/8B 328/9, 328/10 328/11	1.73.0
II. Abandoned quarry				
1	M/s. Kartya constructions	Kadambankulam	303/2, 303/3 303/4, 328/1 328/2, 328/3 328/4, 328/5 328/6, 328/7	1.95.0

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III. Proposed quarry				
1	Thiru.S.Manickavasagam	Kadambankulam	328/14 (P) 328/16 (P) 328/17 (P) 363/1 (P) 362/2 (P) 363/3 363/4 (P)	2.89.0
		Total		6.57.0

The SEAC noted the following:

- a. The Proponent, Thiru.S.Manickavasagam has applied for Environment Clearance to SEIAA-TN for the Rough stone and Gravel quarry over an extent of 2.89.0Ha in S.F.Nos.328/14(P), 328/16(P), 328/17(P), 363/1(P), 363/2(P), 363/3 & 363/4(P) at Kadambankulam Village, Virudhunagar Taluk, Virudhunagar District, Tamil Nadu.
- 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.

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 shall be conducted once in six months and the report shall be submitted to TNPCB.
2. The proponent shall leave safety distance of 50m from the Odais and other conditions as stipulated in the Virudhu Nagar District Collector's letter dated 23/07/2019.
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.


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4. Proper barrier for reducing the Noise level shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration.
5. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
6. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.
7. 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.
8. 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).
9. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation.
10. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mine as reported.
11. The proponent shall furnish proposal for CER as per Office Memorandum of MoEF& CC dated 01.05.2018 before placing the subject to SEIAA.


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Agenda No.: 140-02– 04

(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 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.B.Paramasivam, Tirunelveli, Precise Area Communication was issued by the District Collector, Tirunelveli vide Rc.No.M1/17701/2017, dated 26.10.2018 for a period of 5 years. It is a fresh lease for 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.

2. Mining Plan / Scheme of Mining approved details:

- a. The Mining plan was prepared for the period of 5 years. The mining plan was ~~got~~ approved from the Deputy Director, Department of Geology and Mining, Tirunelveli District vide Rc.No.M1/17701/2017 Dated: 06.05.2019.

3. As per the Department of Geology and Mining, Tirunelveli District. Mining Plan approval for the 5 years, the production schedule for 5 years states that the total quantity of 2,97,020m³ of Rough Stone, 9,142m³ of Weathered Rock and 4,469m³ of gravel formation for the period of Five years.


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YEAR	ROUGHSTONE (m3)	WEATHERED ROCK (m3)	GRAVEL (m3)
I	59540	9142	4469
II	59430		
III	59455		
IV	59200		
V	59395		
TOTAL	297020	9142	4469

4. The quarry operation is proposed up to a depth of 52m (from + 93m RL to 41m RL).
5. The Quarry operation is proposed to be carried out with open cast semi mechanized mining.
6. Rough stone, Weathered Rock and Gravel are to be transported by Tippers of 4Nos. (5/10Tcapacity).
7. The project is located at Latitude: 08°53'09"N to 08°53'17"N and Longitude: 77°38'24"E to 77°38'29"E. Toposheet Number: 58 H /9.
8. The total Manpower requirement is 18Nos. (Permanent:14, Temporary: 4)
9. Total cost of the projects is Rs.67,28,000/- (Including Operational + Fixed Asset & EMP cost). EMP cost about Rs.4,50,000/-
10. The ground water table is reported to be at a depth of 60m to 57m.
11. Lease area applied is not covered under HACA region.
12. No Coastal Regulation Zone (CRZ) is located within the radius of 10km from the lease area.
13. No Interstate boundary & Western Ghats Boundary is located within the radius of 10km from the lease area.
Western Ghats ESA boundary as per MoEF& CC draft notification dated 3rd October 2018 is located 32.2Km from the lease area on the Southwestern side.
14. No Wild Life Sanctuary is located within 10km Radius.


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Gangaikondan Spotted Deer Sanctuary 14.2Km (SE) side.

Vallanadu Black Buck 31.0km (SE) side.

KalakadMundanthurai Tiger Reserve 26.2Km (SW) side.

Nellai Wild Life Sanctuary 35.2Km (W) side.

15. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 is located within the radius of 10km from the lease area.
16. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area is located within the radius of 10km.
17. Letter obtained from the Deputy Director, Department of Geology and Mining, Tirunelveli vide Letter Rc.No.M1/17701/2017 dated 23.07.2019 informed that the details of the existing, abandoned and proposed quarries within 500m radius from the proposed quarry as follows.

Sl..No	Name of the quarry owner	Taluk & Village	Extent In Ha
1.Existing Quarry			
1	A.Arulraj S/o.Aesaiya, Kanarpatti Village,	Kanarpatti Village, Manur Taluk S.F.No.97/1,2 & 3	2.68.0Ha
2.Abandoned Quarry			
Nil			
3.Proposed Quarry			
1	Thiru.B.Paramasivam, Thalaiyuthu,	Kanarpatti Village, Manur Taluk S.F.No.105/6. Etc	2.19.5Ha

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


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an Extent of 2.19.5Ha in S.F.Nos.105/6, 105/7, 106/3D, 107/3C1, 107/3C2, 108/1 and 108/2at 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.

Agenda -140-02 -05

File No.6430/2017

**Proposed Expansion of Steel Melting Plant and Rolling Mill for the Production of 76,000 TPA of Re-Rolled Products/Structural and 83,000 TPA of MS Billets By M/s. Kanishk Steel Industries Limited located at Plot No. B 27, SIPCOT Industrial Complex, Peddikuppam Village, Gummidipoondi Taluk, Tiruvallur District – Category B1 & Schedule Item No. 3(A) – Metallurgical Industries (Ferrous & Non-Ferrous) of EIA Notification, 2006 – For Environmental Clearance
(SIA/TN/IND/19912/2017)**


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The proposal was placed in the 140th SEAC Meeting held on 10.12.2019. 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:

Earlier, the proponent, M/s. Kanishk Steel Industries Limited has applied for ToR for the proposed expansion of Steel Melting Plant and Rolling Mill for the production of 76,000 TPA of Re-rolled products/structural and 83,000 TPA of MS Billets located at Plot No. B 27, SICOT Industrial Complex, Peddikuppam Village, Gummidipoondi Taluk, Tiruvallur District on 03.08.2017.

The project proposal was placed in the 96th meeting of the SEAC held on 31.10.2017. The proponent made a presentation on the proposed expansion. The salient features of the expansion are as follows:

Sl. No. in the Schedule		3(a); Category – B1	
S. No.	Description	Existing	After expansion
1	Plant area	3.015 ha (7.45 acres)	
2	Land use	Industrial Land use Zone (SIPCOT, Gummidipoondi)	
3	Power requirement	5.9 MVA from TANGEDCO	11.9 MVA from TANGEDCO
4	Production capacity	MS Billets-36,000 TPA Re-Rolled Steel Products-54,000 TPA	MS Billets-83,000 TPA Re-Rolled Steel Products-76,000 TPA
5	Technological adoption	Induction furnace (1x7 T) – 1 No. Reheating furnace- 2 Nos.	Induction furnace 1x7 T, 1x12 T and Rolling mill (Direct Hot Rolling Technology)
6	DG Set	1 x250 KVA	1 x 250 KVA, 1 x 500 KVA


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7	Water requirement	29.8 kLD (sourced from SIPCOT water supply)	45.25 kLD (Will be sourced from SIPCOT water supply)
8	Man power	272 nos.	350 nos.
9	Fuel requirement	Coal: 2,310 TPA, Diesel -80 lit / hr Furnace Oil : 288 KLPA,	Diesel - 240 lit / hr
10	Wastewater treatment facility	STP of capacity 10 kLD	
Note: In Proposed Expansion, Reheating furnace will be decommissioned. Hence, coal and Furnace oil will not be used			

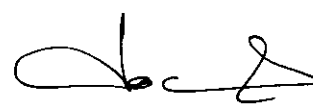

1. M/s. Kanishk Steel Industries Limited (hereinafter referred to as KSIL) proposes to increase their manufacturing capacity of Steel melting plant and Rolling mill in the existing premise. The industry is situated at SIPCOT Industrial Complex, Peddikuppam& Old Gummidipoondi Village, Gummidipoondi Taluk, Tiruvallur District, Tamil Nadu
2. The existing plant is operating in a leased land area 3.015 ha (7.45 acres) which features 1 x 7 MT/heat induction furnace to produce MS Ingots.
3. The proposed expansion activity will be carried out in the existing industry premises. Therefore, no additional land would be acquired for the proposed expansion activity. The estimated total cost for the proposed expansion is Rs. 4.0 Crores.
4. The Manufacturing products of the existing and proposed expansion are mentioned below


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Sr. No	Products	Quantity (TPA)	
		Existing	After Expansion
I	<i>Main Products</i>		
1	Re-rolled products/ Structural	54,000	76,000
2	MS Ingots	6,000	-
II	<i>By products</i>		
1	MIS Rolls	2,160	N/A
III	<i>Intermediate Products</i>		
1	MS Ingots	36,000	-
2	MS Billets	-	83,000

Raw Material Requirement:

Sr. No	Raw Material	Quantity (TPA)		Source of Raw Materials	Mode of Transport
		Existing	After Expansion		
Steel Melting Unit					
1	MS Scrap	48,000	96,000	Sweden, Malaysia, UK, New Zealand, Gummidipoondi	By ship followed by road transport
2	Sponge Iron	-	4,800	Local suppliers from Gummidipoondi	By road through covered trucks
3	Silicon Manganese	-	1152	Andhra Pradesh	By road through covered trucks
4	Ferro Manganese	-	48	Local suppliers from Gummidipoondi	By road through covered trucks


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5	Aluminium	-	14	Andhra Pradesh	By road through covered trucks
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Power & Fuel Requirement:

Particulars	Usage	Existing	After Expansion	
Power requirement <i>Source: TANGEDCO</i>	Induction furnace, CCM, Rolling Mill, Other infrastructure usage	5.9 MVA	11.9 MVA	
Backup Facility				
DG Set	Lightings, Melting machineries	1 x 250 KVA	1 x 250 KVA	1 x 500 KVA
Fuel				
Low Sulphur – High speed Diesel <i>Source: Local bunks</i>	Diesel Generator	80 Lit/hr	80 Lit/hr	160 Lit/hr
Thermal coal <i>Source: Indonesia</i>	Reheating furnace		-	

5. The one time water requirement after the proposed expansion is 45.25 kLD and the daily fresh water requirement will be 26.45 kLD which will be sourced from SIPCOT Water supply. Considering water resource scarcity, the quantum of treated water should be reused in the process (with simple treatment) and treated water from the STP will be used for Greenbelt development. Further, Rain water harvesting needs to be implemented in the premise for recharging ground water

Sr. No.	Category	Requirement (kLD)	
		Existing	After Expansion
1.	Domestic Purposes	6.8	8.75
2.	Machinery Cooling	21.0	33
3.	Scrubber Make-up	2.0	3.5
Total		29.8	45.25
Water source: SIPCOT Water Supply			


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6. The domestic sewage (8.75 kLD) generated from the proposed expansion project will be treated in the existing Sewage Treatment Plant having a capacity of 10 kLD. The treated wastewater of 7.5 kLD from the STP will be used for green belt development. The wastewater from the cooling processes is treated in the cooling pond followed by cooling tank and the treated water of 18.8 kLD will be recirculated for the processes. The scrubber effluent of 3.5 kLD will be treated in the existing Solar Evaporation Pan.

Sr. No	Description	Quantity in kLD		Treatment
		Existing	After Expansion	
1	Sewage	5.5	7.9	Existing STP 10 kLD
2	Blow down	11.0	19.0	Cooling tower and recycled back to process
3	Scrubber bleed	1.40	2.45	Solar Evaporation Pan

7. The acoustic enclosure and thick greenbelt are provided to reduce the noise emission from proposed expansion project.
8. The solid wastes generated from the proposed activity are Furnace slag (12760 TPA), Returnable scraps (5752 TPA), Mill scale (1600 TPA), End cuttings (4570 TPA). The furnace slag will be sent to authorize contractors. Returnable scraps and end cuttings will be re-melted in the process and Mill scale sold to contractors. The generated Hazardous solid waste is solar pan residue (0.2 TPA) shall be Collected in HDPE bags and sent to Common Treatment Storage Disposal Facility (CTSDf), Gummidipoondi. The STP Sludge will be used as manure in green belt development.
9. The total manpower requirement of the existing plant is about 272 employees; in proposed expansion, additional 78 employees will be required
10. The capital cost of the proposed expansion project is Rs. 4.0 Crores and the capital cost for environmental protection measures is proposed as Rs.45.0 Lakhs. Annual recurring cost is 7.0 lakhs per annum.


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11. The focused CER activities will be carried out in the nearby habitations for social upliftment, livelihood, environmental protection etc., 2.5% of the project cost 10.01 lakhs will be allocation for the budget
12. The total greenbelt development after expansion would be 1.0 ha (33.17%) which is 33% total area. Neem, Gulmohar, Ber, Polyalthia, Arjuna, Bael, Gooseberry are the species proposed to be planted along the periphery of the industrial premises
13. There are no pending litigations involved with the proposed project

The project proponent was issued Terms of References (ToR) with Public Hearing vide Letter dated 15/11/2017. Now the project proponent has furnished the ToR compliance along with EIA report.

The SEAC noted the following:

- a. The Proponent, M/s. Kanishk Steel Industries Limited has applied for Environment Clearance to SEIAA-TN for the Proposed Expansion of Steel Melting Plant and Rolling Mill for the Production of 76,000 TPA of Re-Rolled Products/Structural and 83,000 TPA of MS Billets By M/s. Kanishk Steel Industries Limited located at Plot No. B 27, SIPCOT Industrial Complex, Peddikuppam Village, Gummidipoondi Taluk, Tiruvallur District, Tamil Nadu.
- b. The project/activity is covered under Category B1 & Schedule Item No. 3(A) – Metallurgical Industries (Ferrous & Non - Ferrous) of the Schedule to the EIA Notification, 2006.

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

1. Green belt development area and plan for having 33% of total area of the project site.


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2. Water balance furnished by the proponent was found to be inadequate and revised proposal shall be submitted considering treated water should be recycled.
3. Scrap materials quantity and chemical composition of the scrap materials
4. Photographs of the plant presented by the proponent reveals poor housing keeping practices in the premises. Hence the proponent shall furnish the measures taken for improvement of housekeeping in the premises.
5. AAQ data collected in the downwind direction
6. The performance data of the STP for the last one year
7. Records of Health check-up conducted for the employees for the past three years.


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

Agenda – 140-02-06

File No.6836/2019

**Proposed Rough stone and Gravel quarry lease over an extent of 1.59.32ha in S.F.No: 2/4B, 3/3 (P) & 3/4 at Anjagoundenpatti Village of Aravakurichi Taluk, Karur District Tamil Nadu by Thiru.R.K.Panneerselvam– for Environmental Clearance.
(SIA/TN/MIN/128939/2019)**

The proposal was placed in the 140th SEAC Meeting held on 10.12.2019. 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:


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1. Government Order / Lease details:
 - a. The Quarry lease was applied in the name of Thiru.R.K.Panneerselvam, Karur, Precise Area Communication was issued by the District Collector, and Karur vide Rc.No.493/Mines/2018 Dated: 28.11.2018 for a period of 5 years. It is a fresh lease for Rough stone and Gravel quarry over an extent of 1.59.32ha in S.F.No: 2/4B, 3/3 (P) & 3/4 at Anjagoundenpatti Village of Aravakurichi Taluk, Karur 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 ~~g~~ approved from the Deputy Director, Department of Geology and Mining, Karur District vide Rc.No.493/Mines/2018 Dated: 10.12.2018.
3. As per the Department of Geology and Mining, Karur District. Mining Plan approval for the 5 years, the production schedule for 5 years states that the total quantity of Rough stone should not exceed 18,065m³ and Gravel should not exceed 8,846m³
 - a. For First year - 3,450m³ of Rough stone and 2,400m³ of Gravel
 - b. For Second year - 3,450m³ of Rough stone and 1,500m³ of Gravel
 - c. For Third year - 4,165m³ of Rough stone and 4,946m³ of Gravel
 - d. For Fourth year - 3,500m³ of Rough stone
 - e. For Fifth year - 3,500m³ of Rough stone
4. The quarry operation is proposed up to a depth of 7m (2m gravel + 5m Rough stone) below ground level.
5. The Quarry operation is proposed to carry out with open cast semi mechanized mining with 5.0m vertical bench and width.
6. Rough stone are to be transported by Tippers of 1 Nos. (10/20 T Capacity).
7. The project is located at 10°44'23.00"N to 10°44'26.61"N latitude and 77°57'16.55"E to 77°57'24.31"E Longitude.
8. The total Manpower requirement is 13Nos.


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9. Total cost of the projects is Rs. 14.87 lakhs and EMP cost about Rs. 3.80 lakhs
10. The water table is reported to be at the depth of 50m in summer and 45m in rainy season.
11. Lease area applied is not covered under HACA region.
12. No Coastal Regulation Zone (CRZ) is located within the radius of 10km from the lease area.
13. No Interstate boundary & Western Ghats Boundary is located within the radius of 10km from the lease area.
14. No National Park & Wild Life Sanctuary is located within the radius of 10km from the lease area.
15. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 is located within the radius of 10km from the lease area.
16. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area is located within the radius of 10km.
17. Letter obtained from the Deputy Director, Department of Geology and Mining, Karur vide Letter RC. No. 493/Mines/2019 dated 06.09.2019, informed that the details of existing, proposed and abandoned quarries located within 500 meters radius from subject area quarry

I. Existing other quarries:

Sl. No.	Name of the owner	S. F. No.	Extent (Hect)	Lease period	Remarks
1.	Thiru.K.Palanisamy, S/o. Krishnasamygounder Udhukaraipatty Pagantham Village, Karur Taluk & District.	2/3 2/4A	1.15.0	09.08.2016 to 08.08.2021	R.C.No.655/ Mines/2014 Dated: 09.08.2016


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II. Proposed Area:

Sl. No.	Name of the owner	S. F. No.	Extent (Hect)	Lease period	Remarks
1	Thiru.R.K.Panneerselvam S/o. R.P.Kaliyappan No.163, Rengapalayam Punnamchatram Punnam village, Aravakurichi Taluk Karur District	2/4B, 3/3 (part) 3/4	0.71.00 0.45.32 <u>0.43.00</u> <u>1.59.32</u>	----	Proposed Area

III. Lease Expired and abandoned area:

Sl. No.	Name of the owner	S. F. No.	Extent (Hect)	Lease period	Remarks
--- NIL ---					

The SEAC noted the following:

- The Proponent, Thiru.R.K.Panneerselvam has applied for Environment Clearance to SEIAA-TN for Rough stone and Gravel quarry lease over an extent of 1.59.32ha in S.F.No: 2/4B, 3/3 (P) & 3/4 at Anjagoundenpatti Village of Aravakurichi Taluk, Karur District Tamil Nadu.
- 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 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:

- Ground water quality monitoring shall be conducted once in six months and the report shall be submitted to TNPCB.


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2. The proponent shall leave safety distance of 50m from the boundary of the ODAI which is located in the Eastern side of the project site.
3. The proponent shall leave safety distance of 50m from the LT power line which is located in the Western side of the project site.
4. Proper barrier for reducing the Noise level shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration.
5. 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.
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. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation.
11. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mine as reported.


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12. The proponent shall furnish proposal for CER as per Office Memorandum of MoEF& CC dated 01.05.2018 before placing the subject to SEIAA.

Agenda No.: 140-02-07

(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. 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.P.K.S.AhamadMeeran, Tirunelveli, Precise Area Communication was issued by the District Collector, Tirunelveli vide Rc.No:M1/30717/2016 dated 09.07.2017 for a period of 5 years. It is a fresh lease for Rough Stone, Jelly and Gravel Quarry over an Extent of 2.10.5Ha in S.F.No.1665/1Bat Gangaikondan Part-2 Village, Tirunelveli Taluk, Tirunelveli District.
2. Mining Plan / Scheme of Mining approved details:
 - a. The Mining plan was prepared for the period of 5 years. The mining plan was got approved from the Deputy Director, Department of Geology and Mining, Tirunelveli District vide Rc.No:M1/30717/2016, Dated: 17.08.2017.
3. As per the Department of Geology and Mining, Tirunelveli District. Mining Plan approval for the 5 years, the production schedule for 5 years states that the total quantity of 99,100m³ of Rough Stone and 23,448m³ of gravel formation.

YEAR	ROUGHSTONE (m3)	GRAVEL (m3)
I	19750	8586
II	19870	8540


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III	19935	6322
IV	19845	-
V	19700	-
Total	99,100	23,448

4. The quarry operation is proposed up to a depth of 17m (from + 90m RL to 73m RL).
5. The Quarry operation is proposed to be carried out with open cast semi mechanized mining.
6. Rough stone and Gravel are to be transported by Tippers of 4 Nos. (10Tcapacity).
7. The project is located at Latitude: 08°48'24"N to 08°48'39"N and Longitude: 77°45'11"E to 77°45'13"E. Toposheet Number: 58 H /9, 58H/10, 58 H /13, 58H/14.
8. The total Manpower requirement is 17 Nos. (Permanent:12, Temporary: 5)
9. Total cost of the projects is Rs.66,87,000/- (Including Operational + Fixed Asset + EMP cost). EMP cost about Rs.4,45,000/- lakhs.
10. The ground water table is reported to be at a depth of 78m to 75m BGL Hence.
11. Lease area applied is not covered under HACA region.
12. No Coastal Regulation Zone (CRZ) is located within the radius of 10km from the lease area.
13. No Interstate boundary is located within 10Km Radius of lease Area.
Western Ghats ESA boundary as per MoEF& CC draft notification dated 3rd October 2018 is located 32.2km from the lease area on the Southwestern side.
14. Wild Life Sanctuary:

Gangaikondan Spotted Deer Sanctuary is located at 1.15 Km (N) from the lease area. The Eco-sensitive zone as per Final Notification S.O. 2773(E).—dated 31.07.2019 of MOEF & CC, the extent of The Eco-sensitive Zone shall be to an extent of zero kilometres to 0.82 kilometres around the boundary of Gangaikondan Spotted Deer Sanctuary and the area of the Eco-sensitive Zone is 1.47 square kilometres. The lease area is 1.04 Kms from the boundary of ESA and


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as such the project does not attract clearance under Wild life protection Act – 1972(NBWL).

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

15. Letter obtained from the Deputy Director, Department of Geology and Mining, Tirunelveli vide Letter Rc.No:M1/30717/2016, dated 08.08.2019 informed that the details of the existing, abandoned and proposed quarries within 500m radius from the proposed Rough Stone quarry as follows.

	Name of the quarry owner	Taluk Village & S.F.No	Extent-Hectares
1.Existing Quarry			
Nil			
2.Abandoned Quarry			
1	Thiru.Navaskhan, Sankar Nagar,	Tirunelveli Taluk, Gangaikondan (V), S.F.Nos.1663, etc.,	2.89.0Ha
1	Thiru.P.K.S.AhamadMeeran,	Tirunelveli Taluk, Gangaikondan (V), S.F.Nos.1671/1B, etc.,	2.14.0Ha
3.Proposed Quarry			
1	Thiru.P.K.S.AhamadMeeran, Sindhupundhurai, Tirunelveli	Tirunelveli Taluk, GangaikondanPt-II(V), S.F.No.1665/1B	2.10.5Ha
2	A.KotharMydeen	Tirunelveli Taluk, GangaikondanPt-II(V), S.F.No. 1660/4	1.62.0Ha

The total extent of existing and proposed quarry is 3.72.5Ha.

The SEAC noted the following:

- The Proponent, Thiru.P.K.S.AhamadMeeran has applied for Environment Clearance to SEIAA-TN for 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.
- The project/activity is covered under Category "B" 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; 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" .

Hence the SEAC directed 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.

Agenda No.140-02-08

(File No. 6556/2018)

Proposed Limestone quarry over an Extent of 2.24.0 Ha in S.F.Nos 835/3,836 (part) & 837/1B at Varavanai Village, Kulithalai Taluk, Karur District by Thiru. S.Sekhar - For Terms of Reference.

(SIA/TN/MIN/22365/2018)

The proposal was placed in the 140th SEAC Meeting held on 10.12.2019. However, the EIA Co-ordinator of NABET Accredited consultant revealed that site inspection was not carried out by the EIA Co-ordinator for the project. Hence the SEAC directed the EIA Co-ordinator and the consultant to conduct the field inspection and to come for re-presentation. Also, the SEAC warned the NABET Accredited consultant and the EIA Co-ordinator of project not to come for presentation without site visit by him in future as the practice has been repeated many time.


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Agenda No.: 140 – 02-09

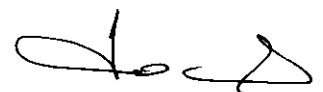

(File No. 7164/2019)

Proposed Rough Stone, Jelly and Gravel Quarry over an Extent of 0.88.50Ha in S.F.Nos.726/1, 726/2 and 727/6A (P) at Kumbikulam Village, Radhapuram Taluk, Tirunelveli District by Thiru.R.Dinesh- For Environmental Clearance.

SIA/TN/MIN/43562/2019



The proposal was placed in the 140th SEAC Meeting held on 10.12.2019. 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. Government Order / Lease details:
 - a. The Quarry lease was applied in the name of Thiru.R.Dinesh, Tirunelveli, Precise Area Communication was issued by the District Collector, Tirunelveli vide Rc.No.M1/24261/2017, dated 02.11.2018 for a period of 5 years. It is a fresh lease for Rough Stone, Jelly and Gravel Quarry over an Extent of 0.88.50Ha in S.F.Nos.726/1, 726/2 and 727/6A (P) at Kumbikulam Village, Radhapuram Taluk, Tirunelveli District.
2. Mining Plan / Scheme of Mining approved details:
 - a. The Mining plan was prepared for the period of 5 years. The mining plan was got approved from the Deputy Director, Department of Geology and Mining, Tirunelveli District vide Rc.No.M1/24261/2017 Dated: 29.11.2019.
3. As per the Department of Geology and Mining, Tirunelveli District. Mining Plan approval for the 5 years, the production schedule for 5 years states that the total quantity of 84,248m³ of Rough Stone, 868m³ of Weathered Rock and 495m³ of gravel formation for the period of Five years.


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YEAR	ROUGHSTONE (m ³)	WEATHERED ROCK (m ³)	GRAVEL (m ³)
I	16760	868	495
II	17368		
III	16735		
IV	16965		
V	16420		
TOTAL	84248	868	495

4. The quarry operation is proposed up to a depth of 38m
5. The Quarry operation is proposed to be carried with open cast semi mechanized mining.
6. Rough stone and Gravel are to be transported by Tippers of 2Nos. (5/10Tcapacity).
7. The project is located at Latitude: 08°18'36"N to 08°18'39"N and Longitude: 77°43'22"E to 77°43'26"E. Toposheet Number: 58 H/11, 12, 15 & 16
8. The total Manpower requirement is 15Nos. (Permanent:10, Temporary: 5)
9. Total cost of the projects is Rs.52,04,000/- (Including Operational + Fixed Asset & EMP cost). EMP cost about Rs.4,50,000/-
10. The ground water table is reported to be at a depth of 48m to 45m.
11. Lease area applied is not covered under HACA region.
12. No Coastal Regulation Zone (CRZ) is located within the radius of 10km from the lease area.
13. No Interstate boundary & Western Ghats Boundary is located within the radius of 10km from the lease area. Western Ghats ESA boundary as per MoEF & CC draft notification dated 3rd October 2018 is located 17.6Km from the lease area on the Southwestern side.
14. Wild Life Sanctuary: (Nil within 10km Radius)
Koothankulam Birds Sanctuary 19.0kms (NE) side.
Kanniyakumari Wild Life Sanctuary 19.1kms (SW) side.


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- KalakadMundanthurai Tiger Reserve 20.2kms (NW) side.
15. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 is located within the radius of 10km from the lease area.
 16. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area is located within the radius of 10km.
 17. Part of the lease area is already quarried by the previous lessee Thiru.P.M.Rajasekar, after receiving the proceedings from the District collector vide Rc.No. M1/32184/2008 dated 05.11.2008, executed the lease for 5 years from 24.11.2008 to 23.11.2013 for mining of Rough stone over an area of 0.74.50Ha in S.F.Nos.726/1 & 726/2 in Kumbikulam Village, Radhapuram Taluk, Tirunelveli District and Tamil Nadu.
 18. Letter obtained from the Deputy Director, Department of Geology and Mining, Tirunelveli vide Letter Rc.No.M1/24261/2017 dated 26.07.2019 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	Taluk & Village	S.F.No& Extent	Quarry Details
I	Existing Quarry			
	NIL			
II	Abandoned Quarry			
1	Thiru.C.M.Rajasekar, S/o.MuthuKumarasamy, 2/108, Hindu Middle School Street, Koodankulam, Radhapuram Taluk, Tirunelveli District.	Kumbikulam Radhapuram	741, 742, 743, 741/2A, 725/1C, 725/3C & 741/1B 3.67.0Ha	Non Operative


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2	Thiru.C.M.Rajasekar, S/o.MuthuKumarasamy, 2/108, Hindu Middle School Street, Koodankulam, Radhapuram Taluk, Tirunelveli District.	Kumbikulam Radhapuram	726/1 and 726/2 0.74.50Ha	Non Operative
III	Proposed Quarry			
1	Thiru.R.Dinesh, S/o.Ramakrishnan, Ayyar Street, Chettikulam, Radhapuram Taluk, Tirunelveli District.	Kumbikulam Radhapuram	726/1, 726/2 and 727/6A(P) 0.88.50Ha	Proposed Quarry

The SEAC noted the following:



- The Proponent, Thiru.R.Dinesh has applied for Environment Clearance to SEIAA-TN for Rough Stone, Jelly and Gravel Quarry over an Extent of 0.88.50Ha in S.F.Nos.726/1, 726/2 and 727/6A (P) at Kumbikulam Village, Radhapuram Taluk, Tirunelveli.
- 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 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:

- Ground water quality monitoring should be conducted once in six months and the report should be submitted to TNPCB.
- Proper barrier for reducing the Noise level shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration.


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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.
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 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).
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 comply with the conditions stipulated in the letter No RC No. 7637/MM5/2018 dated 28/12/2018 obtained from Department of Geology and mining.
11. The proposal for CER shall be furnished as per the office memorandum of MoEF&CC dated 01.05.2018 before placing the subject in SEIAA.
12. The project proponent shall furnish the following details from AD, mines before placing the subject in SEIAA
 - a) What was the period of the operation and stoppage of the earlier mines?
 - b) Quantity of minerals mined out.


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- 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
13. Photographs showing the fencing arrangements for the mining area before placing the subject in SEIAA

Agenda – 140-02-10

File No.7173/2019

Proposed Gravel Quarry lease over an extent of 2.31.0ha in S.F.Nos. 156/2, 156/3, 156/4, 156/5, 156/6, 157/3(P), 160/10, 160/11, 160/16 & 160/17 at Thatchankuruchi Village, Gandharvakottai Taluk, Pudukkottai District, Tamil Nadu by Thiru. G.Murugesan – For Environmental Clearance.

(SIA/TN/MIN/129361/2019)

The proposal was placed in the 140th SEAC Meeting held on 10.12.2019. 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. Government Order / Lease details:

- a. The Quarry lease was applied in the name of Thiru.G.Murugesan, Precise Area Communication was issued by the District Collector, Pudukkottai vide Rc.No.304/2018 (G&M) Dated: 09.08.2019 for a period of 3 years. It is a fresh lease for Gravel Quarry over an extent of 2.31.0ha in S.F.Nos. 156/2, 156/3, 156/4, 156/5, 156/6, 157/3(P), 160/10, 160/11, 160/16 & 160/17 at Thatchankuruchi Village, Gandharvakottai Taluk, Pudukkottai District.

2. Mining Plan / Scheme of Mining approved details:

- a. The Mining plan was prepared for the period of 3 years. The mining plan was ~~not~~ ^{ed} approved from the Assistant Director, Department of Geology and Mining, Pudukkottai District vide Rc.No.304/2018 (G&M) Dated: 04.09.2019.


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3. As per the Department of Geology and Mining, Pudukkottai District. Mining Plan approval for the three years, the production schedule for three years states that the total quantity of Gravel should not exceed 30,138m³.
 - a. For First year - 11,640m³ of Gravel
 - b. For Second year - 10,464m³ of Gravel
 - c. For Third year - 8,034m³ of Gravel
4. The quarry operation is proposed up to a depth of 2m below ground level.
5. The Quarry operation is proposed to be carried out with open cast semi mechanized mining.
6. Gravel is to be transported by Tippers. (10/20T capacity).
7. The project is located at 10°39'33.31"N to 10°39'42.97"N latitude and 78°59'05.47"E to 78°59'13.70"E Longitude.
8. The total Manpower requirement is 9Nos.
9. Total cost of the projects is Rs. 11.49 lakhs and EMP cost about Rs. 1.45 lakhs
10. The water table is reported to be at the depth of 20m in summer and 15m in rainy season.
11. Lease area applied is not covered under HACA region.
12. No Coastal Regulation Zone (CRZ) is located within the radius of 10km from the lease area.
13. No Interstate boundary & Western Ghats Boundary is located within the radius of 10km from the lease area.
14. No National Park & Wild Life Sanctuary is located within the radius of 10km from the lease area.
15. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 is located within the radius of 10km from the lease area.
16. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area is located within the radius of 10km.


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17. Letter obtained from the Assistant Director, Department of Geology and Mining, Pudukkottai vide Letter RC. No. 304/2018(G&M) dated 06.09.2019, details of existing and abandoned quarries located within 500m radius from the proposed quarry are as follows.

1) Existing other quarries:

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

2) Proposed Area:

S. No.	Name of the applicant	Village & Taluk	S. F. No.	Extent	Remarks
1.	Thiru.G.Murugesan S/o. Ganeshan, DoorNo.3/632, AraiypattiVillage,Alangudi Taluk, Puddukkottai District.	Thatchankuri Gandharvakottai	156/2, 156/3, 156/4, 156/5, 156/6, 157/3(P), 160/10, 160/11, 160/16 & 160/17	2.31.0	---

3) Lease Expired:

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

The SEAC noted the following:

- a. The Proponent, Thiru. G.Murugesan has applied for Environment Clearance to SEIAA-TN for Gravel Quarry lease over an extent of 2.31.0ha in S.F.Nos. 156/2, 156/3, 156/4, 156/5, 156/6, 157/3(P), 160/10, 160/11, 160/16 & 160/17 at Thatchankuruchi Village, Gandharvakottai Taluk, Pudukkottai District, Tamil Nadu.


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- 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.

The project proponent gave presentation about the proposal. Based on the presentation made by the proponent and the documents furnished, the SEAC instructed to furnish the following details from the

1. It was noted that documents furnished by the proponent, mining activity has already been carried out in the mine lease area. It is requested 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
2. Photographs showing the fencing arrangements for the mining area.

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

Agenda No.: 140-02 – 11

(File No. 7178/2019)

Proposed Gravel Quarry over an Extent of 4.85.0Ha in S.F.No.888,889,890/1, 906/1,907,908 & 916(Part)at KeelaThiruchendur village, Thiruchendur Taluk, Thoothukudi District, Tamil Nadu by Thiru.S.Selvan - For Environmental Clearance.
(SIA/TN/MIN/41806/2019)

The proposal was placed in the 140th SEAC Meeting held on 10.12.2019. 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:


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1. Government Order / Lease details:

- a. The Quarry lease was applied in the name of Thiru.S.Selvan, Thoothukudi, Precise Area Communication was issued by the District Collector, Thoothukudi vide Rc.No.G.M.1/266/2019, dated 05.07.2019 for a period of 1 year. It is a fresh lease for Gravel Quarry over an Extent of 4.85.0Ha in S.F.No.888,889,890/1, 906/1,907,908 & 916(Part) at KeelaThiruchendur village, Thiruchendur Taluk, Thoothukudi District.

2. Mining Plan / Scheme of Mining approved details:

- a. The Mining plan was prepared for the period of 1 year. The mining plan was ~~g~~ approved from the Assistant director, Department of Geology and Mining, Thoothukudi District vide Rc.No.266/G&M/2019 Dated: 23.07.2019.

3. As per the Department of Geology and Mining, Thoothukudi District. Mining Plan approval for the 1 year, the production schedule for 1 years states that the total quantity of 91,205m³ of Gravel of gravel formation for the period of one years.

SECTION	LENGTH (M)	WIDTH (M)	HEIGHT (M)	GRAVEL VOLUME (M ³)
A-A' – B-B'	246.5	185	2	91,205
TOTAL EXCAVATION FOR ONE YEAR				91,205


4. The quarry operation is proposed up to a depth of 2 m.
5. The Quarry operation is proposed to be carried out with open cast semi mechanized mining.
6. Gravel material will be loaded by hydraulic excavator or JCB. Hauling will be done through Tippers directly from mine area to the consumer. (10T capacity).
7. The project is located at Latitude: 08028' 03.60" N to 08028' 11.85" N and Longitude: 78004' 54.90" E to 78005' 06.50" E. Toposheet Number: 58 H/14,15,58/L2,3


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8. The total Manpower requirement is 7Nos.
9. Total cost of the projects is Rs.34,74,800/-(Including Operational + Fixed Asset & EMP cost).EMP cost is about Rs.67000/-
10. The ground water table is reported to be at a depth of 10-15m BGL.
11. Lease area applied is not covered under HACA region.
12. No Coastal Regulation Zone (CRZ) and No Interstate boundary is located within the radius of 10km from the lease area.
13. No Western Ghats ESA boundary as per MoEF& CC draft notification dated 3rd October 2018.
14. There is no Wild Life Sanctuary located within 10Km
15. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 is located within the radius of 10km from the lease area.
16. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area is located within the radius of 10km.
17. Letter obtained from the Assistant Director, Department of Geology and Mining, Thoothukudi, vide Letter Rc.No. 266/G&M/2018 dated 25.07.2019 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	Taluk & Village	S.F.No& Extent	Distance from the boundary of the proposed quarry	Quarry Details
1	Existing Quarry				
			NIL		
2	Abandoned Quarry				
			NIL		


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3	Proposed Quarry				
1	Thiru.S.SelvanS/oShri.Sub ramaniyan, No.2/74,Periyar Street, NadunaluMoolaikinaru, MelaThiruchendur, Thoothukudi District, Pin: 628 205.	KeelaThiruche ndur, Thiruchendur	888,889,890/ , 906/1,907,90 8 & 916(Part), 4.85.0Ha	-	Proposed Quarry

The SEAC noted the following:

- The Proponent, Thiru.S.Selvan has applied for Environment Clearance to SEIAA-TN on for Gravel Quarry over an Extent of 4.85.0Ha in S.F.No.888,889,890/1, 906/1,907,908 & 916(Part)at KeelaThiruchendur village, Thiruchendur Taluk, Thoothukudi District, Tamil Nadu.
- 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 noted that the proposed mining leasing area of 4.85.0Ha comprised in 888, 889, 890/1, 906/1, 907, 908 & 916 (part). Total area was found to be closer to 5Ha. Hence the SEAC directed the proponent to furnish the land document with sub division.

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

Agenda – 140-02-12

File No.7096/2019)

Proposed Brick Earth quarry over an Extent of 1.16.0 Ha in S.F.No. 687/1, 697/1C3, 697/1C4, 697/1D1, 697/1D2 & 697/1D3 at Kothur Village, Natrampalli Taluk, Vellore District. Tamil Nadu by Thiru.D.Thirupathi, - For Environmental Clearance.

(SIA/TN/MIN/126788/2019)


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The proposal was placed in the 140th SEAC Meeting held on 10.12.2019. 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. Government Order / Lease details:

- a. The Quarry lease was applied in the name of Thiru.D.Thirupathi, Vellore, Precise Area Communication was issued by the District Collector, Vellore, vide Rc.No.251/2018/Mines, Dated: 19.02.2019 for a period of 1 year. It is a fresh lease for Brick Earth quarry over an Extent of 1.16.0 Ha in S.F.No. 687/1, 697/1C3, 697/1C4, 697/1D1, 697/1D2 & 697/1D3 at Kothur Village, Natrampalli Taluk, Vellore District.

2. Mining Plan / Scheme of Mining approved details:

- a. The Mining plan was prepared for the period of 1 year. The mining plan was ~~not~~ approved from the Deputy Director, Department of Geology and Mining, Vellore District vide Rc.No. 251/2018/Mines, Dated: 25.04.2019.

3. As per the Department of Geology and Mining, Krishnagiri District. Mining Plan approval for the 1 year, the production schedule for 1 year states that the total quantity of Brick earth should not exceed 30,572m³.

- a. For First year - 8,544m³ of Brick Earth.

4. The quarry operation is proposed up to a depth of 1m (Below Ground Level)

5. The quarry operation involves opencast mining method will be adopted

6. Brick Earth is to be transported by using Tippers of 1 Nos. (10/20 T Capacity).

7. The project is located at 12°36'52.59" N to 12°36'54.53" N Latitude and 78°27'26.28" E to 78°27'26.45" E Longitude.

8. The total manpower requirement is 8 Nos.

9. Total cost of the projects is Rs. 11 lakhs and EMP cost about Rs. 1 lakh.

10. The water table is reported to be at the depth of 40m.

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

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


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

14. No National Park & Wild Life Sanctuary is located within the radius of 10km from the lease area.

15. No critically polluted area as notified by the Central Pollution Control Board

Constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km from the lease area.

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

17. Letter obtained from the Assistant Director, Department of Geology and Mining, Vellore vide Letter RC. No. 251/2018(Mines), dated 22.08.2019 informed that the details of the existing and abandoned quarries within 500m radius from the proposed Brick Earth quarry as follows.

1) Existing other quarries:

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

2) Proposed Area:

S. No	Name of the applicant	Village & Taluk	S. F. No.	Extent	Remarks
1.	Thiru.D.Thirupathi S/o. Dasan No.111/(1),BoopathiGou ndar Street, Natrampalli Village, Tirupattur Taluk, Vellore District.	Kothur Village, Natrampalli Taluk, Vellore District	687/1,697/C3,697 /1C4, 697/1D1, 697/1D2 & 697/1D3	1.16.0	Applied area


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3) Lease Expired:

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

The Total extent of the Existing / Proposed quarries are about (1.16.0) = 1.16.0Ha

The SEAC noted the following:

- The Proponent, Thiru.D.Thirupathi, has applied for Environment Clearance to SEIAA-TN on for Brick Earth quarry over an Extent of 1.16.0 Ha in S.F.No. 687/1, 697/1C3, 697/1C4, 697/1D1, 697/1D2 & 697/1D3 at Kothur Village, Natrampalli Taluk, Vellore District. Tamil Nadu.
- 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 noted that there are agricultural fields existing adjacent to the project site, and the proposed mining activity may affect their livelihood. Hence, 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. Based on the inspection report, SEAC would further deliberate on this project and decide the further course of action.

Agenda- 140-02-13

File No.7182/2019

Proposed Earth Quarry lease over an extent of 4.50.0ha in S.F.No. 202 (P) at Karaikurichi Village of Udayarpalayam Taluk, Ariyalur District, Tamil Nadu by Tvl. Patel Infrastructure Ltd – For Environmental Clearance.

(SIA/TN/MIN/128376/2019)

The proposal was placed in the 140th SEAC Meeting held on 10.12.2019. 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:


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1. Government Order / Lease details:
 - a. The Quarry lease was applied in the name of Tvl. Patel Infrastructure Ltd. Precise Area Communication was issued by the District Collector, Ariyalur vide Rc.No.27/ G&M /2019 Dated: 27.05.2019 for a period of 3 Months. It is a fresh lease for Earth Quarry over an extent of 4.50.0ha in S.F.No. 202 (P) at Karaikurichi Village of Udayarpalayam Taluk, Ariyalur District.
2. Mining Plan / Scheme of Mining approved details:
 - a. The Mining plan was prepared for the period of 3 Months. The mining plan was ~~not~~ ^{ed by} approved from the Deputy Director, Department of Geology and Mining, Ariyalur District vide Rc.No.27/G&M/2019 Dated: 18.06.2019.
3. As per the Department of Geology and Mining, Ariyalur District. Mining Plan approval for the 3 Months, the production schedule for 3 Months states that the total quantity of Earth should not exceed 45,000m³.
 - a. For First 3 Months - 45,000m³ of Earth
4. The quarry operation is proposed up to a depth of 1m Earth.
5. The Quarry operation is proposed to be carried out with open cast semi mechanized.
6. Earth is to be transported by Tippers. (10/20T capacity).
7. The project is located at 11°04'30.85"N to 11°04'38.44"N latitude and 79°20'37.43"E to 79°20'45.68"E Longitude.
8. The total Manpower requirement is 9Nos.
9. Total cost of the project is Rs. 9.39 lakhs and EMP cost about Rs. 1.00 lakhs
10. The water table is reported to be at the depth of 20m in summer and 15m in rainy season.
11. Lease area applied is not covered under HACA region.
12. No Coastal Regulation Zone (CRZ) is located within the radius of 10km from the lease area.
13. No Interstate boundary & Western Ghats Boundary is located within the radius of 10km from the lease area.


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14. No National Park & Wild Life Sanctuary is located within the radius of 10km from the lease area.

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

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

17. Letter obtained from the Deputy Director, Department of Geology and Mining, Ariyalur vide Letter RC. No. 27/G&M/2019 dated 02.07.2019, the details of existing quarries situated within 500mts radial distance from the subject mines area are furnished as follows:

1) Details of existing mine:

S. No.	Name of the lessee / Applicant	Taluk&Village	S. F. No.	Extent (in hect)	Mineral	Lease Period
NIL						

2) Details of lease period expired/abandoned mine:

S. No.	Name of the lessee / Applicant	Taluk& Village	S. F. No.	Extent (in hect)	Minerals	Lease period
NIL						

3) Details of Proposed mine:

S. No.	Name of the Lessee / Applicant	Taluk& Village	S. F. No.	Extent (in hect)	Mineral	Lease period
1.	Tvl.Patel infrastructure Ltd., Patel house, Beside prakruti Resort, 3,BP Estate chhani road chhai NH 8, Vadodara, Gujarat State PIN:391740	Udayarpalam & Karaikurichi	202	4.50.0	Earth	----


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The SEAC noted the following:

- a. The proponent Tvl. Patel Infrastructure Ltd has applied for Environment Clearance to SEIAA-TN for Earth Quarry lease over an extent of 4.50.0ha in S.F.No. 202 (P) at Karaikurichi Village of Udayarpalayam Taluk, Ariyalur 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.

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 once in 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, suitable working methodology needs to be adopted 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.
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.



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7. 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).
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 comply with the conditions stipulated in the letter No RC No. 27/G&M/2019 dated 18/06/2019 obtained from Department of Geology and mining.
11. The CER amount of Rs. 0.2 Lakhs shall be spent for CER activities to be carried out for providing sanitary infrastructure development for the Government School Karalakurichi Village, Ariyalur District as committed as per Office Memorandum of MoEF& CC dated 01.05.2018 the above activity shall be carried out before obtaining CTO from TNPCB.

Agenda – 140-02-14

File No. 7179/2019

Proposed Rough stone quarry over an Extent of 1.08.0Ha in S.F.Nos. 410/1 &410/3 at Veppilai Village, Kadaiyampatti Taluk, Salem District, Tamil Nadu Thiru.T.Dharunraj – For Environmental Clearance.

(SIA/TN/MIN/42311/2019)

The proposal was placed in the 140th SEAC Meeting held on 10.12.2019. 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. Government Order / Lease details:


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- a. The Quarry lease was applied in the name of Thiru.T.Dharunraj, Salem. Precise Area Communication was issued by the District Collector, Salem vide Rc.No.865/2018/Mines/A, Dated: 29.07.2019 for a period of 5 years. It is a fresh lease for Rough stone quarry over an Extent of 1.08.0Ha in S.F.Nos. 410/1 & 410/3 at Veppilai Village, Kadaiyampatti Taluk, Salem District.
2. Mining Plan / Scheme of Mining approved details:
 - a. The Mining plan was prepared for the period of 5 years. The mining plan was ~~got~~ ^{ed} approval ^{by} from the Deputy Director, Department of Geology and Mining, Salem District vide 865/2018/Mines-A, dated 13.08.2019.
3. As per the Department of Geology and Mining, Salem District. Mining Plan approval for the 5 years, the production schedule for 5 years states that the total quantity of Rough stone should not exceed 580797m³ and 19,960m³ of Gravel.
 - a. For First year - 31661 m³ of Rough stone and 4080m³ of Gravel.
 - b. For Second year - 46742 m³ of Rough stone and 4960m³ of Gravel.
 - c. For Third year - 31385 m³ of Rough stone and 2688m³ of Gravel.
 - a. For Fourth year - 31580 m³ of Rough stone and 2856m³ of Gravel.
 - b. For Fifth year - 30700 m³ of Rough stone and 5376m³ of Gravel.
4. The quarry operation is proposed up to a depth of **39m** (Gravel 1m + Rough stone 37m).
5. The Quarry operation is proposed to carry out with open cast semi mechanized mining with 7.0m and 5.0m vertical bench and width.
6. Rough stone are to be transported by Tippers of 1Nos. (10 M. T Capacity).
7. The project is located at 11°57'37.02" N to 11°57'43.05" N latitude and 78°09'47.86" E to 78°09'51.91" E Longitude.
8. The total Manpower requirement is 15 Nos.
9. Total cost of the project is Rs. 35.8 lakhs and EMP cost about Rs. 3.5 lakhs
10. The water table is reported to be at the depth of 65m in summer and 60m in rainy season.
11. Lease area applied is not covered under HACA region.



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12. No Coastal Regulation Zone (CRZ) is located within the radius of 10km from the lease area.
13. No Interstate boundary & Western Ghats Boundary is located within the radius of 10km from the lease area.
14. No National Park & Wild Life Sanctuary is located within the radius of 10km from the lease area.
15. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 is located within the radius of 10km from the lease area.
16. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area is located within the radius of 10km.
17. No habitation within the radius of the 300m from the lease area as stated in the letter obtained from VAO, Veppilai Village, Kadaiyampatti Taluk, Salem District dated 13/08/2019.
18. Letter obtained from the Assistant Director, Department of Geology and Mining, Salem vide Letter RC. No.865/2018 /Mines-A dated 16.08.2019 informed that the details of the existing and abandoned quarries within 500m radius from the proposed Rough Stone quarry as follows.

1) Existing other quarries:

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


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2) Proposed Area:

S. No.	Name of the applicant	Village & Taluk	S. F. No.	Extent	Remarks
1.	Thiru.T.Dharunraj, Proponent S/o.S.Thangaraj, D.No.3/60,Kottamettupatti Village, Mettupatti Post, Omalur Taluk, Salem.	Veppilai Village, Kadaiyampatti Taluk, Salem	410/1 & 410/3	1.08.0Ha	---

3) Lease Expired:

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

The Total extents of the Existing / Proposed quarries are 1.08.0Ha

The SEAC noted the following:

- a. The proponent Thiru.T.Dharunraj has applied for Environment Clearance to SEIAA-TN for Rough stone quarry over an Extent of 1.08.0Ha in S.F.Nos. 410/1 & 410/3 at Veppilai Village, Kadaiyampatti Taluk, Salem District, Tamil Nadu.
- 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.

Based on the presentation made by the proponent; the SEAC noted that project is sited located abutting Lokkur RF. Hence the SEAC directed to furnish the remarks and recommendations of the DFO stating the distance of project site from Lokkur RF and effect of quarrying on ecosystem and other wild life in the area.

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


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Agenda No.: 140-02 – 15

(File No. 7207/2019)

Rough Stone and Gravel Quarry over an Extent of 2.11.5 Ha in S.F.No.178/3A, 178/3B, 178/4A, 178/4B & 178/4C at Meenashipuram village, Ettayapuram taluk, Thoothukudi district Tamil Nadu by Thiru. A. Gnanaboominathan - For Environmental Clearance.

(SIA/TN/MIN/44599/2019)

The proposal was placed in the 140th SEAC Meeting held on 10.12.2019. 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. Government Order / Lease details:

- a. The Quarry lease was applied in the name of Thiru. A. Gnanaboominathan, Thoothukudi, Precise Area Communication was issued by the District Collector, Thoothukudi vide Rc.No.225/G&M/2018 dated 15.07.2019 for a period of 5 years. It is a fresh lease for Rough Stone and Gravel Quarry over an Extent of 2.11.5 Ha in S.F.No.178/3A, 178/3B, 178/4A, 178/4B & 178/4C at Meenashipuram village, Ettayapuram taluk, Thoothukudi district.

2. Mining Plan / Scheme of Mining approved details:

- a. The Mining plan was prepared for a period of 5 years. The mining plan was approved from the Assistant Director, Department of Geology and Mining, Thoothukudi District vide Rc.No.G.M1/225/2018, Dated: 31.07.2019.

3. As per the Department of Geology and Mining, Thoothukudi District. Mining Plan approval for the 5 years, the production schedule for 5 years states that the total quantity of 355880 m³ of Rough Stone 33024m³ of gravel of gravel formation.


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Year	Section	Bench	Length in (m)	Width in (m)	Depth in (m)	Volume in m3	Gravel Formation in m3	Mineable reserve of Rough stone in m3
I	XY- AB	I	114	128	2	29184	29184	
		II	113	126	5	71190		71190
TOTAL							29184	71190
II	XY- AB	I	15	128	2	3840	3840	
		II	14	126	5	8820		8820
		III	108	116	5	62640		62640
TOTAL							3840	71460
III	XY- AB	III	9	116	5	5220		5220
		IV	107	106	5	56710		56710
		V	20	96	5	9600		9600
TOTAL								71530
IV	XY- AB	V	77	96	5	36960		36960
		VI	80	86	5	34400		34400
TOTAL								71360
V	XY- AB	VI	7	86	5	3010		3010
		VII	77	76	5	29260		29260
		VIII	67	66	5	22110		22110
		IX	57	56	5	15960		15960
TOTAL								70340
GRAND TOTAL							33024	355880

4. The quarry operation is proposed up to a depth of 42 m.
5. The Quarry operation is proposed to be carried out with open cast semi mechanized mining.
6. Rough stone and Gravel are to be transported by Tippers of 3Nos. (10Tcapacity).
7. The project is located at Latitude: 09°12'24"N to 09°12'30"N and Longitude: 77°59'30"E to 77°59'35"E. **Toposheet Number: 58 G/ 16&58 K/ 04.**
8. The total Manpower requirement is 17 Nos. (Permanent:10, Temporary: 7)
9. Total cost of the project is Rs.66,96,000/- (Including Operational + Fixed Asset + EMP cost). EMP cost about Rs.4,50,000/- lakhs.
10. The ground water table is reported to be at a depth of 50m BGL.
11. Lease area applied is not covered under HACA region.


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12. No Coastal Regulation Zone (CRZ) is located within the radius of 10km from the lease area.
13. No Interstate boundary with in 10Km Radius of lease Area.
No Western Ghats ESA boundary as per MoEF& CC draft notification dated 3rd October 2018.
14. No wild life sanctuary is located within 10km
15. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 is located within the radius of 10km from the lease area.
16. Letter obtained from the Assistant Director, Department of Geology and Mining, Thoothukudi vide Letter Rc.No.225/G&M/2018, dated 31.07.2019 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 Lessee	Village & S.F.No	Extent - Hectares
1.Existing Quarries			
Nil			
2.Abandoned Quarries			
Nil			
3.Proposed Quarries			
	A. Gnanaboominathan	Survey No: 178/3A, 178/3B, 178/4A, 178/4B & 178/4C in Meenashipuram village,	2.11.5 ha

The SEAC noted the following:



- a. The proponent Thiru. A. Gnanaboominathan has applied for Environment Clearance to SEIAA-TN for Rough Stone and Gravel Quarry over an Extent of 2.11.5 Ha in S.F.No.178/3A, 178/3B, 178/4A, 178/4B & 178/4C at Meenashipuram village, Ettayapuram taluk, Thoothukudi district.


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- 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.

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 once in six months and the report should be submitted to TNPCB.
2. The depth of the mining shall be restricted to 32m.
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, suitable working methodology needs to be adopted taking wind direction into consideration.
4. 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.
5. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
6. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.
7. 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.
8. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981/2016, M.A.No.982/2016 & M.A.No.384/2017).


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9. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation.
10. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mine as reported.
11. The proponent shall comply with the conditions stipulated in the letter No Rc.No.G.M1/225/2018, Dated: 31.07.2019 obtained from Department of Geology and mining.
12. The CER amount of Rs. 1.4 Lakhs shall be spent for CER activities to be carried out for providing sanitary infrastructure development for the Meenashipuram village, Ettayapuram taluk, Thoothukudi district Government School as committed as per Office Memorandum of MoEF& CC dated 01.05.2018 the above activity shall be carried out before obtaining CTO from TNPCB.

Agenda – 140-02-16

File No.6824/2019

Proposed Rough stone and Gravel quarry lease over an extent of 2.88.0ha in S.F.Nos.159, 160 & 164/2(P) at Kundiyanthandalam Village, Vembakkam Taluk, Tiruvannamalai District, Tamil Nadu by Thiru.A.William– for Terms of Reference.

(SIA/TN/MIN/36237/2019)

The proposal was placed in the 140th SEAC Meeting held on 10.12.2019. 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. Government Order / Lease details:

- a. The Quarry lease was applied in the name of Thiru.A.William, Precise Area Communication was issued by the District Collector, Tiruvannamalai vide Rc.No.32/Kanimam/2018 Dated: 24.09.2018 for a period of 5 years. It is a fresh lease for Rough stone and Gravel Quarry over an extent of 2.88.0ha in S.F.Nos. 159, 160 & 164/2(P) at Kundiyanthandalam Village, Vembakkam Taluk, Tiruvannamalai District.


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2. Mining Plan / Scheme of Mining approved details:
 - a. The Mining plan was prepared for the period of 5 years. The mining plan was ~~got~~ approved^{ed} from the Assistant Director, Department of Geology and Mining, Tiruvannamalai District vide Rc.No.32/Kanimam/2018 Dated: 10.10.2018.
3. As per the Department of Geology and Mining, Tiruvannamalai District. Mining Plan approval for the 5 years, the production schedule for 5 years states that the total quantity of Rough stone 16,750m³ and Gravel should not exceed 756m³
 - a. For First year - 17,100m³ of Rough stone and 13,770m³ of Gravel
 - b. For Second year - 17,075m³ of Rough stone and 12,834m³ of Gravel
 - c. For Third year - 17,125m³ of Rough stone and 1,326m³ of Gravel
 - d. For Fourth year - 17,200m³ of Rough stone
 - e. For Fifth year - 16,750m³ of Rough stone
4. The quarry operation is proposed up to a depth of 28m (3m Gravel + 25m Rough Stone) below ground level.
5. The Quarry operation is proposed to carry out with open cast semi mechanized mining with 5.0m vertical bench and width.
6. Rough stone are to be transported by Tippers of 1 Nos. (10 T Capacity).
7. The project is located at 12°44'06.24"N to 12°44'21.05"N latitude and 79°43'01.47"E to 79°43'05.11"E Longitude.
8. The total Manpower requirement is 18Nos.
9. Total cost of the project is Rs. 32.30 lakhs and EMP cost about Rs. 3.80 lakhs
10. The water table is reported to be at the depth of 55m in summer and 50m in rainy season.
11. Lease area applied is not covered under HACA region.
12. No Coastal Regulation Zone (CRZ) is located within the radius of 10km from the lease area.
13. No Interstate boundary & Western Ghats Boundary is located within the radius of 10km from the lease area.


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14. No National Park & Wild Life Sanctuary is located within the radius of 10km from the lease area.
15. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 is located within the radius of 10km from the lease area.
16. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area is located within the radius of 10km.
17. Letter obtained from the Assistant Director, Department of Geology and Mining, Tiruvannamalai vide Letter RC. No. 32/Kanimam/2018 dated 10.10.2018, the details of quarries (Proposed/existing/Lease expired) located within 500 mts radius are furnished as follows:

1) Existing other quarries:

S. No.	Name of the Owner (Tvl.)	Village & S.F.Nos	Extent in Hect	Lease period	Remarks
1.	Thiru. K.Kumar, No.2/32, Mandapam Junction, arapakkam Village & Post, Kanchipuram.	Kundiyanthandalam S.nos. 163/14B, 14C	2.29.5	28.07.2016 To 27.07.2021	--
Total			2.29.5		

2) Proposed Area:

S. No.	Name of the Owner (Tvl)	Village & S. F. No.	Extent	Lease period	Remarks
1.	Thiru.R.venkatassubramaniyan S/o.Ramachandiran, No.83/1, Pillaiyarkovil Street, Uthiramerur Taluk, Kanchipuram District.	Kundiyanthandalam S.F.Nos. 168/2A, 168/2B2, 168/2C	2.54.0	---	Under processing
2.	Thiru.K.Chandarasekaran No.301 mamandur Village, Vembakkam	Kundiyan Thandaiaam S.F.Nos.163/10A, 10B, 11 etc.,	1.97.5	---	Under Processing
Total			4.51.5		


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3) Lease Expired and abandoned area:

S. No.	Name of the Owner (Tvl.)	Village & S.F.Nos	Extent in Hect	Lease period	Remarks
1.	Thiru. A. William No.139, 4 th main Road, Lakshmi Nagar Extension, Chennai - 116	Kundiyanthandalam S.F.Nos. 164/1	1.21.5	20.06.2013 To 19.06.2018	Lease Expired
	Total		1.21.5		
	Grand Total		8.02.5		

The SEAC noted the following:

- The proponent Thiru.A.William has applied for Terms of Reference to SEIAA-TN for Rough stone and Gravel quarry lease over an extent of 2.88.0ha in S.F.Nos.159, 160 & 164/2(P) at Kundiyanthandalam Village, Vembakkam Taluk, Tiruvannamalai District, Tamilnadu.
- The project/activity is covered under Category "B" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.

Based on the Initial discussion with the proponent and the scrutiny of documents furnished, it was noticed that the lease deed is not registered yet. Also the SEAC noted that there is an existing Thangal adjacent to mining area. There is a need to study the impact of the proposed mining activity on the inflow into the Thangal or drainage from the Thangal.

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


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Agenda- 140-02-17

File No. 7162/2019

Proposed Rough Stone and Gravel Quarry over an Extent of 0.46.0 Ha in S.F.No. 13/3A1 at Kottaiyur Village, Virudhunagar Taluk, Virudhunagar District, Tamil Nadu by Tmt.C.Vannamuthu – For Environmental Clearance.

(SIA/TN/MIN/43459/2019)

The proposal was placed in the 140th SEAC Meeting held on 10.12.2019. 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. Government Order / Lease details:

- a. The Quarry lease was applied in the name of Tmt.C.Vannamuthu, Virudhunagar, Precise Area Communication was issued by the District Collector, Vellore, vide Letter No.KV1/482/2018, dated 29.10.2018 for a period of 5 years. It is a fresh lease for Rough Stone and Gravel Quarry quarry over an Extent of 0.46.0 Ha in S.F.No. 13/3A1 at Kottaiyur Village, Virudhunagar Taluk, Virudhunagar District.

2. Mining Plan / Scheme of Mining approved details:

- a. The Mining plan was prepared for the period of 5 years. The mining plan was ~~got~~ approved from the Deputy Director, Department of Geology and Mining, Virudhunagar District vide Roc.No:KV1/482/2018, Dated: 13.11.2018.

3. As per the Department of Geology and Mining, Virudhunagar District. Mining Plan approval for the 5 years, the production schedule for 5 years states that the total quantity of Rough Stone and Gravel Quarry should not exceed 20,380 m³ and 9,180 m³ respectively.

- a. For First year - 3,850m³ of Rough stone and 2,916 m³ of Gravel
- b. For Second year - 4,123.5m³ of Rough stone and 1,566 m³ of Gravel
- c. For Third year - 4,132.5m³ of Rough stone and 1,566 m³ of Gravel


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- d. For Fourth year - 4,132.5m³ of Rough stone and 1,566m³ of Gravel
- e. For Fifth year - 4,132.5m³ of Rough stone and 1,566m³ of Gravel
- 4. The quarry operation is proposed up to a depth of 18m (Below Ground Level
- 5. The quarry operation involves opencast mining method will be adopted with jack Hammer drilling, slurry blasting.
- 6. Rough stone & Gravel is to be transported by using Tippers of 1 Nos. (10/20 T Capacity).
- 7. The project is located at 09° 26' 07.4" to 09° 26' 10.7" N Latitude and 77°58' 37.0" to 78° 58' 39.2"E Longitude.
- 8. The total manpower requirement is 10 Nos.
- 9. Total cost of the project is Rs. 15,47,920 lakhs and EMP cost ^{is} about Rs. 2,15,000 Lakh.
- 9. The water table is reported to be at the depth of 60m.
- 10. Lease area applied is not covered under HACA region.
- 11. No Coastal Regulation Zone (CRZ) is located within the radius of 10km from the lease area.
- 12. No Interstate boundary & Western Ghats Boundary is located within the radius of 10km from the lease area.
- 13. No National Park & Wild Life Sanctuary is located within the radius of 10km from the lease area.
- 14. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 is located within the radius of 10km from the lease area.
- 15. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area is located within the radius of 10km.
- 16. No habitation within the radius of the 300m from the lease area as stated in the letter obtained from VAO, Kottaiyur Village, Virudhunagar Taluk, Virudhunagar District dated 08/11/2018.


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17. Letter obtained from the Assistant Director, Department of Geology and Mining, Virudhunagar vide Letter RC. No. KV1/482/2018, dated 13.09.2019 informed that the details of the existing and abandoned quarries within 500m radius from the proposed Rough stone & Gravel quarry as follows.

1) Existing other quarries:

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

2) Proposed Area:

S. No.	Name of the applicant	Village & Taluk	S. F. No.	Extent	Remarks
1.	Tmt.C.Vannamuthu	Kottaiyur Village, Virudhunagar Taluk, Virudhunagar District.	13/3A1	0.46.0	Applied area

3) Lease Expired:

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

The Total extent of the Existing / Proposed quarries are about (0.46.0) = 0.46.0Ha

The SEAC noted the following:

- The proponent Tmt.C.Vannamuthu has applied for Environmental Clearance to SEIAA-TN for Rough Stone and Gravel Quarry quarry over an Extent of 0.46.0 Ha in S.F.No. 13/3A1 at Kottaiyur Village, Virudhunagar Taluk, Virudhunagar District, Tamil Nadu.


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- 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.

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 once in 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, suitable working methodology needs to be adopted 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.
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 NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981 /2016, M.A.No.982/2016 & M.A.No.384/2017).


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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 comply with the conditions stipulated in the letter No RC No. 7637/MM5/2018 dated 28/12/2018 obtained from Department of Geology and mining.
11. The CER amount of Rs. 0.56 Lakhs shall be spent for CER activities for providing sanitary infrastructure development for the Government School Kottaiyur Village, Virudhunagar Taluk, Virudhunagar District as committed as per Office Memorandum of MoEF& CC dated 01.05.2018 the above activity shall be carried out before obtaining CTO from TNPCB.

Agenda -140-02 – 18

File No.7234/2019

Proposed Earth Quarry lease over an extent of 2.50.0Ha in S.F.No. 312 (P) at Mallur Village of Ariyalur Taluk, Ariyalur District, Tamil Nadu by M/s. Oriental Structural Engineers Pvt Ltd – For Environmental Clearance.

(SIA/TN/MIN/45635/2019)

The proposal was placed in the 140th SEAC Meeting held on 10.12.2019. 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. Government Order / Lease details:
 - a. The Quarry lease was applied in the name of M/s. Oriental Structural Engineers Pvt Ltd, Precise Area Communication was issued by the District Collector, Ariyalur vide Rc.No.110/G&M/2019 Dated: 24.06.2019 for a period of 3 months. It is a fresh lease for Earth Quarry over an extent of


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2.50.0Ha in S.F.No. 312 (P) at Mallur Village of Ariyalur Taluk, Ariyalur District.

2. Mining Plan / Scheme of Mining approved details:

- a. The Mining plan was prepared for the period of 3 months. The mining plan was ~~got~~ ^{ed} approved from the Deputy Director, Department of Geology and Mining, Ariyalur District vide Rc.No.110/G&M/2019 Dated: 05.07.2019.
3. As per the Department of Geology and Mining, Ariyalur District. Mining Plan approval for the 3 months, the production schedule for 3 months states that the total quantity of Earth Quarry should not exceed 25, 000m³.
 - a. For First 3 months - 25, 000m³ of Earth
4. The quarry operation is proposed up to a depth of 1.0m below ground level.
5. The Quarry operation is proposed to be carried out with open cast semi mechanized mining.
6. Earth is to be transported by Tippers of 4 Nos. (10/20 T Capacity).
7. The project is located at 11°04'51.43"N to 11°04'58.12"N latitude and 79°05'12.85"E to 79°05'17.29"E Longitude.
8. The total Manpower requirement is 34Nos.
9. Total cost of the project is Rs. 6.12 lakhs and EMP cost ^{is} ~~about~~ Rs. 1.68 lakhs
10. The water table is reported to be at the depth of 20m in summer and 15m in rainy season.
11. Lease area applied is not covered under HACA region.
12. No Coastal Regulation Zone (CRZ) is located within the radius of 10km from the lease area.
13. No Interstate boundary & Western Ghats Boundary is located within the radius of 10km from the lease area.
14. No National Park & Wild Life Sanctuary is located within the radius of 10km from the lease area.


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15. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 is located within the radius of 10km from the lease area.
16. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area is located within the radius of 10km.
17. Letter obtained from the Deputy Director, Department of Geology and Mining, Ariyalur vide Letter RC. No. 110/G&M/2019, dated 05.09.2019, the details of the existing quarries situated within 500m radial distance from the subject miner are furnished as follows.

1) Details of Existing mine:

S. No.	Name of the lessee / applicant	Taluk & Village	S. F. No.	Extent	Mineral	Lease period
--- NIL ---						

2) Details of lease period expired /abandoned mine:

S. No.	Name of the lessee / applicant	Taluk & Village	S. F. No.	Extent	Mineral	Lease period
--- NIL ---						

3) Details of Proposed Mine:

S. No.	Name of the lessee / applicant	Taluk & Village	S. F. Nos.	Extent (in Hect)	Mineral	Lease period
1.	M/s. Oriental Structural Engineers Private Ltd., OSE Commercial block, Hotel AL oft, Asset 5B, Aero city, Hospitality District, IGI Airport, New Delhi-110037	Ariyalur & Mallur	312 (Part)	2.50.0	Earth	----


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The SEAC noted the following:

- a. The proponent M/s. Oriental Structural Engineers Pvt Ltd has applied for Environment Clearance to SEIAA-TN for Earth Quarry lease over an extent of 2.50.0Ha in S.F.No. 312 (P) at Mallur Village of Ariyalur Taluk, Ariyalur District, Tamil Nadu
- 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.

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 once in 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, suitable working methodology needs to be adopted 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.
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.


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7. 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).
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 comply with the conditions stipulated in the letter No RC No. 7637/MM5/2018 dated 28/12/2018 obtained from Department of Geology and mining.
11. The CER amount of Rs. 0.16 Lakhs shall be spent for CER activities to be carried out for providing sanitary infrastructure development for the Government School Mallur Village, Ariyalur District Government School as committed as per Office Memorandum of MoEF& CC dated 01.05.2018 the above activity shall be carried out before obtaining CTO from TNPCB.

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File No.7131/2019

Proposed Rough stone and Gravel quarry lease over an extent of 1.97.5ha in S.F.Nos.163/1A, 163/1B, 163/2, 163/3, 163/4, 163/7, 163/8A, 163/9, 163/10A, 163/10B & 163/11 at Kundiyanthandalam Village, Vembakkam Taluk, Tiruvannamalai District, Tamil Nadu by Thiru.K.Chandrasekaran– For Terms of Reference.

(SIA/TN/MIN/48090/2019)


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The proposal was placed in the 140th SEAC Meeting held on 10.12.2019. 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. Government Order / Lease details:

- a. The Quarry lease was applied in the name of Thiru. K.Chandrasekaran, Precise Area Communication was issued by the District Collector, Tiruvannamalai vide Rc.No.66/kanimam/2018 Dated: 14.02.2019 for a period of 5 years. It is a fresh lease for Rough stone and Gravel quarry over an extent of 1.97.5ha in S.F.Nos. 163/1A, 163/1B, 163/2, 163/3, 163/4, 163/7, 163/8A, 163/9, 163/10A, 163/10B & 163/11 at Kundiyanthandalam Village, Vembakkam Taluk, Tiruvannamalai District.

2. Mining Plan / Scheme of Mining approved details:

- a. The Mining plan was prepared for the period of 5 years. The mining plan was ~~got~~ approved^{ed} from the Assistant Director, Department of Geology and Mining, Tiruvannamalai District vide Rc.No.66/kanimam/2018 Dated: 22.07.2019.

3. As per the Department of Geology and Mining, Tiruvannamalai District. Mining Plan approval for the 5 years, the production schedule for 5 years states that the total quantity of Rough stone should not exceed 1,54,025m³ and Gravel should not exceed 31,899m³

- a. For First year - 30,640m³ of Rough stone and 12,141m³ of Gravel
- b. For Second year - 30,840m³ of Rough stone and 9,048m³ of Gravel
- c. For Third year - 30,800m³ of Rough stone and 10,710m³ of Gravel
- d. For Fourth year - 30,445m³ of Rough stone
- e. For Fifth year - 31,300m³ of Rough stone

4. The quarry operation is proposed up to a depth of 43m (3m Gravel + 40m Rough stone) below ground level.

5. The Quarry operation is proposed to be carried out with open cast semi mechanized mining.


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6. Rough stone are to be transported by Tippers of 3 Nos. (20 T Capacity).
7. The project is located at 12°43'59.73"N to 12°44'06.66"N latitude and 79°43'01.36"E to 79°43'06.10"E Longitude.
8. The total Manpower requirement is 29Nos.
9. Total cost of the project is Rs. 28.86 lakhs and EMP cost about Rs. 3.80 lakhs
10. The water table is reported to be at the depth of 55m in summer and 50m in rainy season.
11. Lease area applied is not covered under HACA region.
12. No Coastal Regulation Zone (CRZ) is located within the radius of 10km from the lease area.
13. No Interstate boundary & Western Ghats Boundary is located within the radius of 10km from the lease area.
14. No National Park & Wild Life Sanctuary is located within the radius of 10km from the lease area.
15. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 is located within the radius of 10km from the lease area.
16. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area is located within the radius of 10km.
17. Letter obtained from the Assistant Director, Department of Geology and Mining, Tiruvannamalai vide Letter RC. No. 66/Kanimam/2018 dated 22.07.2019. the details of quarries (Proposed/existing/Lease expired) located within 500 mts radius are furnished as follows:


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i. Existing quarries:

S. No	Name of the Owner(Tvl)	Village & S. F. No.	Extent In Hect	Lease period	Remarks
1.	Tmt.B.Sridevi W/o. balaji, Flot.No.56 Balasundaram St, Chandramohannagar, Velingapattarai Kancheepuram – 631 501.	Kundiyanthan -dalam S.F.Nos.181, 2A, 2B, etc.,	1.15.5	28.07.2016 To 27.07.2021	--
2.	Thiru.M.Sundharsan, PL.No.37, parvathiNagra, 3 rd street, madampakkam, Chennai- 600 126.	Kundiyanthan -dalam S.F.No.178/1B 2, 1C1, 1C2, 1D1, etc.,	3.25.0	17.09.2018 To 16.09.2023	--
3	Thiru.K.Kumar S/o. K.Kumar, S/o. Kannaiyan, No.2/32, Mandampam Junction, Arapakkam Village & post, Kancheepuram.	Kundiyanthan -dalam S.F.No.163/14 B, 14C etc.,	2.29.5	28.07.2016 To 27.07.2021	
4	Thiru.R.Venkatasubramaniyan S/o. Ramachandran No.83/1, Pilliyarkoill street, UthiramerurTaluk, Kancheepuram District.	Kundiyanthan -dalam S.F.No. 168/2A, 2B2, 2C & etc.,	2.54.0	04.12.2018 To 03.12.2023	

ii. Abandoned quarries:

S. No	Name of the Owner (Tvl)	Village & S. F. No.	Extent In Hect	Lease period	Remarks
---NIL---					


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iii. Present proposed quarries:

S. No	Name of the Owner (Tvl)	Village & S. F. No.	Extent In Hect	Lease period	Remarks
1.	K.Chandrasekaran, S/o. Kathirvel, No.301, Madhurayan Pettai Street, Mamandur Village, Vembakkam Taluk,	Kundiyanthan dalam Village S. F. No. 163/1, 2, 3, etc.,	1.97.5	--	--

iv. Future proposed quarries:

S. No	Name of the Owner (Tvl)	Village & S. F. No.	Extent In Hec	Lease period	Remarks
1.	M/S. Bhuvaneswari blue metal No.37, VembuligamanKovil Street, Pazhavanthangal Chennai.	Kundiyanthan dalam Village S.F.Nos.181/11, 112, & etc.,	2.05.5	--	--
2	Thiru.S.Gunasekaran, S/o. Shanmugan, No.33, MandapamKuttu Salai, Arbakkam Village Wajajabad taluk, Kancheepuram	Kundiyanthan dalam Village S.F.Nos.141, 142/1,3,4B, 5c & etc.,	1.94.3	--	
3	Thiru. A.Willam S/o. Anthoni Savarimuthu No.139, 4 th main Road Lakshmi Nagar extension Porur, Chennai – 600 116.	Kundiyanthan dalam Village S.F.No.159/16 0 & 164/2	2.88.0	--	



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The SEAC noted the following:

- a. The proponent Thiru. K.Chandrasekaran has applied for Environment Clearance to SEIAA-TN for Rough stone and Gravel quarry lease over an extent of 1.97.5ha in S.F.Nos.163/1A, 163/1B, 163/2, 163/3, 163/4, 163/7, 163/8A, 163/9, 163/10A, 163/10B & 163/11 at Kundiyanthandalam Village, VembakkamTaluk, Tiruvannamalai District, Tamilnadu by Tamil Nadu
- 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.

Based on the presentation made by the proponent and the documents furnished, the SEAC decided to recommend the proposal for the grant of Terms of Reference (ToR) to SEIAA with Public Hearing, subject to the following specific conditions in addition to the normal conditions as part of ToR:

1. The study shall be conducted on the combined impact of the quarries in the cluster
2. A detailed study of the lithology of the mining lease area shall be furnished.
3. Details of village map, "A" register and FMB sketch shall be furnished.
4. The proposal for green belt activities shall be furnished.
5. The Socio economic studies should be carried out within 10km buffer zone from the mines.
6. Detailed study report combined impact of the crushers, their impacts on the water bodies, and open wells within 1 km radius impact on this the project proponent shall furnish in the EIA report.
7. Detailed mining closure plan for the proposed project approved by the Geology /Mining department shall be submitted along with EIA report.
8. The spot level and contour levels of the proposed quarry site shall be measured and the same shall be furnished along with EIA.



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9. A detailed report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining for drilling and blasting shall be submitted.
10. The proponent may conduct a detailed Hydro-geological study and to study the impacts of mines both on surface water and groundwater availability, water levels and their water quality and furnish report along with EIA report.
11. The proposal for CER shall be furnished with time frame as per Office Memorandum of MoEF & CC dated 01.05.2018.
12. Obtain a letter /certificate from the Assistant Director of Geology and Mining standing that there is no other Minerals/resources like sand in the quarrying area within the approved depth of mining and below depth of mining and the same shall be furnished in the EIA report.
13. Ground water quality monitoring should be conducted for one month and the report shall furnish in the EIA report.
14. EIA report should strictly follow the Environmental Impact Assessment Guidance Manual for Mining of Minerals published February 2010.
15. Detail plan on rehabilitation and reclamation carried out for the stabilization and restoration of the mined areas.
16. The EIA study report shall include the surrounding mining activity, if any.
17. Modeling study for Air, Water and noise shall be carried out and incremental increase in the above study shall be substantiated with mitigation measures.
18. A study on the geological resources available shall be carried out and reported.
19. A specific study on agriculture & livelihood shall be carried out and reported.
20. Impact on ponds, rivers and other water bodies to be elaborated.
21. Impact of soil erosion, soil physical chemical and biological property changes may be assumed.


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

Agenda -140-02 -20
File No.7209/2019

Proposed Multi Color Granite Quarry lease over an extent of 2.39.5ha comprising S.F.Nos. 567/1, 567/3 & 567/5 at Karandapalli Village of Denkanikottai Taluk, Krishnagiri District., Tamil Nadu by M/s. Sri Angalamman Granites– For Environment Clearance.

(SIA/TN/MIN/44918/2019)

The proposal was placed in the 140th SEAC Meeting held on 10.12.2019. 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. Government Order / Lease details:

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


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2. Mining Plan / Scheme of Mining approved details:
 - a. The Mining plan was prepared for the period of 5 years. The mining plan was got approval from the Director of Geology and Mining, Industrial Estate, Guindy, Chennai vide Rc.No.5882/MM5/2018, dated 08.11.2018.
3. As per the Department of Geology and Mining, Guindy, Chennai. Mining Plan approval for the 5 years, the production schedule for 5 years states that the total quantity of Multi Colour Granite should not exceed 21,054m³(@35% recovery)..
 - a. For First year - 4,252m³ of Granite
 - b. For Second year - 4,232m³ of Granite
 - c. For Third year - 4,238m³ of Granite
 - d. For Fourth year - 4,228m³ of Granite
 - e. For Fifth year - 4,104m³ of Granite
4. The quarry operation is proposed up to a depth of 13m (1m Topsoil + 2m Weathered Rock + 10m Multi Coloured Granite).
5. Quarrying Operation will be done by Opencast Semi Mechanised method with Diamond Wire Saw cutting.
6. Granite are to be transported by Tippers of 2 Nos. (20TCapacity).
7. The Total Waste will be resulting in the quarrying operation for first five years is around 46,029m³proposed to dump on temporarily dump on the North western side and Topsoil (3,826m³)will be preserved all along the boundary barriers for afforestation.
8. The project is located at 12°28'44.49"N to 12°28'50.47"N latitude and 77°43'53.69"E to 77°44'01.74"E Longitude.
9. The total Manpower requirement is 35 Nos.
10. Total cost of the project is Rs. 32.79lakhs and EMP cost about Rs. 2.45 lakhs
11. The water table is reported to be at the depth of 50m below ground level.
12. Lease area applied is not covered under HACA region.
13. No Coastal Regulation Zone (CRZ) is located within the radius of 10km from the lease area.


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for SEAC-TN

14. No Interstate boundary & Western Ghats Boundary is located within the radius of 10km from the lease area.
15. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 is located within the radius of 10km from the lease area.
16. Cauvery North Wild life sanctuary located at 4.0km on the southern of the lease applied area and proposal applied in National board of Wildlife sanctuary portal vide Proposal No. FP/TN/QRY/3574/2018.
17. Letter obtained from the Deputy Director, Department of Geology and Mining, Krishnagiri vide Letter RC. No. 540/2017/Mines dated 16.09.2019.

Details of Existing quarries:

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

Details of abandoned / old quarries:

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



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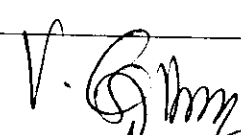
Details of Proposed quarries:

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

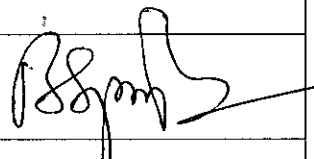
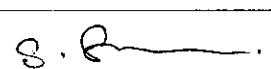
The SEAC noted the following:


- a. The proponent of M/s. Sri Angalamman Granites has applied for Environment Clearance to SEIAA-TN for Multi-Color Granite Quarry lease over an extent of 2.39.5ha comprising S.F.Nos. 567/1, 567/3 & 567/5 at Karandapalli Village of Denkanikottai Taluk, Krishnagiri District., Tamil Nadu
- 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.

Based on the Initial discussion with the proponent and the scrutiny of documents furnished, it was noticed that the lease deed is not registered yet. Hence the SEAC decided to direct the proponent to submit the registered lease deed, before making the presentation. On receipt of the above details, SEAC will decide the further course of action on the proposal.

S.No	Name	Designation	Signature
1	Dr. S. Mohan	Chairman	
2	Thiru D. Sekar	Member Secretary	—
3	Dr. S. Kanmani	Member	
4	Dr. VeluGomathi	Member	

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5	Dr. L. Subbaraj	Member	
6	Thiru.V.Shanmugam	Member	—
7	Dr.R.Sivacoumar	Member	—
8	Shri B. SugirtharajKoilpillai	Member	
9	Dr. L. Elango	Member	—
10	Dr. R. Ilangovan	Member	—
11	Dr. S. Sankar	Member	
12	Thiru. T. MuruguSubramonian	Member	


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