

State Expert Appraisal Committee (SEAC)

Minutes of 467th meeting of the State Expert Appraisal Committee (SEAC) held on 16.05.2024 (Thursday) at SEIAA Conference Hall, 2nd Floor, Panagal Maligai, Saidapet, Chennai 600 015 for consideration of Mining projects.

Confirmation of Earlier Minutes

The minutes of the 466th SEAC meeting held on 10.05.2024 were circulated to the Members in advance and as there were no remarks, the Committee decided to confirm the minutes.

Agenda No: 467-01

(File No:10832/2024)

Proposed Rough Stone and Gravel quarry over an extent of 4.04.5 Ha at SF.No. 172/2B, 172/2C, 172/2D & 172/7 of Periyavenmani Village, Madhuranthakam Taluk, Chengalpattu District, Tamil Nadu by M/s. Udhayam Mines and Minerals Private Limited –For Terms of Reference. (SIA/TN/MIN/470158/2024, Dated: 22.04.2024).

The proposal was placed for appraisal in the 467th meeting of SEAC held on 16.05.2024. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, M/s. Udhayam Mines and Minerals Private Limited has applied for Terms of Reference for the Proposed Rough Stone and Gravel quarry over an extent of 4.04.5 Ha at SF.No. 172/2B, 172/2C, 172/2D & 172/7 of Periyavenmani Village, Madhuranthakam Taluk, Chengalpattu District, Tamil Nadu.
2. The project/activity is covered under category “B1” of Item 1(a) “Mining of Minerals Projects” of the schedule to the EIA Notification, 2006.
3. As per the precise area communication letter, the lease period is 10 years and the mining plan is for 10 years & production should not exceed 5,33,830 m³ of Rough stone & 63,584 m³ of Gravel. The annual peak production should not exceed 68,000 m³ of Rough stone & 30,116 m³ of Gravel. The ultimate depth of


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mining is 42m BGL.

Based on the presentation and details furnished by the project proponent, SEAC decided to grant Terms of Reference (TOR) with Public Hearing subject to the following TORs, in addition to the standard terms of reference for EIA study for non-coal mining projects and details issued by the MOEF & CC to be included in EIA/EMP Report:

1. The structures within the radius of (i) 50 m, (ii) 100 m, (iii) 200 m and (iv) 300 m & upto 1km shall be enumerated with details such as dwelling houses with number of occupants, whether it belongs to the owner (or) not, places of worship, industries, factories, sheds, etc.
2. As there a cart track is seen to be passing through the proposed land, PP should furnish details including NoC from the authorities concerned.
3. The proponent shall furnish photographs of adequate fencing, garland drain & green belt along the periphery including replantation of existing trees & safety distance between the adjacent quarries & water bodies nearby provided as per the approved mining plan.
4. The Proponent shall carry out Bio diversity study and the same shall be included in EIA Report.
5. The PP shall prepare the EMP for the entire life of mine of 10 years and also furnish the monitoring mechanism indicating to abide the EMP for the entire life of mine.
6. The PP shall prepare the progressive Mine Closure Plan for the entire life of mine of 10 years indicating various components to be implemented along with the budget allocated in the EMP for the entire life of mine.
7. The PP shall prepare a conceptual working plan accommodating the remedial actions such as inclusion of haul road accessibility keeping the benches intact, based on the studies carried out to assess the slope stability of the working benches to be constructed and existing quarry wall apart from the proposed mining methodology.

Agenda No:467-02

(File No:10072/2023)

Proposed Rough Stone and Gravel Quarry over an extent of 1.62.17 HA at S.F.No:


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84/2C1, 2D1, 2E1, 2C2, 2D2A, 2E2, 2J, 2K & 2L of Kallanai Village, Kalligudi Taluk, Madurai District, Tamil Nadu by Thiru. S. Rathinam – for Environmental Clearance. (SIA/TN/MIN/469081/2024, Dated: 15.04.2024).

The proposal was placed for appraisal in the 467th meeting of SEAC held on 16.05.2024. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

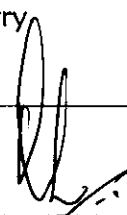
The SEAC noted the following:

1. The Project Proponent, Thiru.S.Rathinam has applied for Environmental Clearance for the Proposed Rough Stone and Gravel Quarry over an extent of 1.62.17 Ha at S.F.No: 84/2C1, 2D1, 2E1, 2C2, 2D2A, 2E2, 2J, 2K & 2L of Kallanai Village, Kalligudi Taluk, Madurai District, Tamil Nadu.
2. The project/activity is covered under Category “B1” of Item 1(a) “Mining of Minerals Projects” of the Schedule to the EIA Notification, 2006.
3. ToR along with Public Hearing issued vide Lr.No.SEIAA-TN/F.No.10072/SEAC/ToR-1506/2023 Dated:31.07.2023.
4. Public hearing conducted on 25.01.2024.
5. EIA Report submitted on 18.03.2024.
6. The salient features of the proposal are as follows

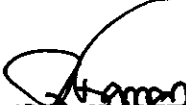
File No.	10072/ 2023	Category	B1
	SIA/TN/MIN/469081/2024, Dated: 15.04.2024		1(a)
Sl. No	Salient Features of the Proposal		
1.	Name of the Owner/Firm	:	Thiru S. Rathinam S/o. Sri. S. Sinna Veeran, 10, North Street, Chinna Udaippu Village, Perungudi Post, Madurai South, Madurai District – 625 022.
2.	Type of quarrying (Ordinary Stone/Sand/Granite/Limestone)	:	Rough Stone & Gravel Quarry


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3.	S.F Nos. of the quarry site	: 84/2C1, 2D1, 2E1 ,2C2, 2D2A, 2E2, 2J, 2K & 2L
4.	Village in which situated	: Kallanai
5.	Taluk in which situated	: Kalligudi
6.	District in which situated	: Madurai
7.	Extent of quarry (in ha.)	: 1.62.17 Ha
8.	Latitude & Longitude of all corners of the quarry site	: 09°45'54.5"N to 09°45'57.3"N 78°02'40.4"E to 78°02'46.3"E
9.	Topo Sheet No.	: 58 K/01
10.	Type of mining	: Opencast semi Mechanized Mining
11.	Details of Environmental Setting.	: Nearest Reserve Forest: Nil within 10 km radius Wild life sanctuary: SMTR -27.84km (NW) Water bodies: Odai-50m, Kallanai kanmoi-120m Gundar-30m (W) Drainage Channel- 40m Habitations: 600m (NE) Structures: Shed-260m, Govt. High School-980m (NE) Temple-360m(SW)
12.	NBWL Clearance/Conservation Measures	: Nil
13.	Details of Previous History	: This is a fresh quarry
14.	CCR If Applicable	: Nil
15.	Date of ToR	: Dated:31.07.2023
16.	Date of Public Hearing	: 25.01.2024.
17.	Details of EC/ToR Granted in the Cluster.	: EC granted for the File No: 9488/2022 (Tmt. Meenatchi) on 10.05.2024.
18.	Life of Project	: 10 years


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	Lease Period	:	10 years															
	Mining Plan Period	:	10 years															
	Mining Plan Details	:	As per approved Mining Plan															
			<table border="1"> <thead> <tr> <th></th> <th>Rough Stone</th> <th>Gravel</th> </tr> </thead> <tbody> <tr> <td>19. Geological Resources m³ (RoM)</td> <td>8,06,520 m³</td> <td>-</td> </tr> <tr> <td>Minable Resources m³ (RoM)</td> <td>2,42,467.5 m³</td> <td>26,325 m³</td> </tr> <tr> <td>Annual Peak Production in m³</td> <td>28,950 m³</td> <td>9,000 m³</td> </tr> <tr> <td>Maximum Depth in meters</td> <td colspan="2">47m BGL</td> </tr> </tbody> </table>		Rough Stone	Gravel	19. Geological Resources m ³ (RoM)	8,06,520 m ³	-	Minable Resources m ³ (RoM)	2,42,467.5 m ³	26,325 m ³	Annual Peak Production in m ³	28,950 m ³	9,000 m ³	Maximum Depth in meters	47m BGL	
	Rough Stone	Gravel																
19. Geological Resources m ³ (RoM)	8,06,520 m ³	-																
Minable Resources m ³ (RoM)	2,42,467.5 m ³	26,325 m ³																
Annual Peak Production in m ³	28,950 m ³	9,000 m ³																
Maximum Depth in meters	47m BGL																	
20.	Depth of water table	:	65m-70m BGL															
21.	Man Power requirement per day:	:	38 Nos.															
22.	Water requirement: 1. Drinking & Domestic 2. Dust Suppression 3. Green belt	:	5.0 KLD 1.5 KLD 2.3 KLD 1.2 KLD															
23.	Power requirement	:	450 Liters of HSD / day															
24.	Precise area communication approved by the Deputy Director, Dept. of G&M	:	Rc.No. No:08/Mines/2023-1 dated:14.03.2023															
25.	Mining Plan approved by Deputy Director, Dept. of Geology & Mining.	:	Rc.No. No:08/Mines/2023-1 dated:10.04.2023															
26.	500m cluster letter issued by the Deputy Director, Dept. of Geology and Mining.	:	Rc.No. No:08/Mines/2023-1 dated:10.04.2023															
27.	VAO Certificate Regarding Structures within 300m Radius	:	Letter furnished															


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28.	Project Cost (excluding EMP cost)	:	Rs.95,93,468 /-		
29.	EMP cost (in Rs. Lakhs).	:	Capital Cost – Rs. 17.44 Lakhs Recurring Cost – Rs. 15.63 Lakhs		
30.	CER cost (in Rs. Lakhs).	:	Rs. 5,00,000/-		
31.	SEAC Recommendation.	:	Recommended.		
32.	Recommended Quantities	:	Validity	30 years subject to the following upper limits.	
				Rough Stone	Gravel
		:	Max Total RoM in m ³	2,42,467.5 m ³	26,325 m ³
		:	Annual Max RoM in m ³	28,950 m ³	9,000 m ³
:	Ultimate Depth in mtrs	47m BGL			
33.	Standard Conditions	:	Annexure I		
34.	Is the depth recommended more than 40m.	:	YES		
35.	If 34 above is YES	:	Annexure II		
36.	Is the proposed area located near Reserve Forest	:	NO		
37.	If 36 above is YES	:	NA		
38.	Special Conditions	:	Nil		

Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance for the annual peak production capacity shall not exceed 28,950 m³ of Rough stone & 9,000 m³ of Gravel for the ultimate depth of mining up to 47m BGL for the project life of 10 years (or) expiry date of mine lease but subject to a maximum of thirty years, whichever is earlier, subject to the standard conditions as per the Annexure I of this minutes & normal conditions stipulated by MOEF &CC, in addition to the following specific conditions:


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- 1) The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier, vide MoEF&CC Notification S.O. 1807(E) dated 12.04.2022.
- 2) Tree plantation & fencing and installation of garland drainage with siltation tank around the mine lease area shall be completed before execution of the mine lease.
- 3) The PP shall register promptly through online in the Shram Suvidha Portal which is the official portal of Ministry of Labour & Employment, Govt of India to obtain Labour Identification Number (LIN) before obtaining the CTO from the TNPCB.
- 4) The PP shall abide by the mitigation and restoration measures provided in the Environment Management plan prepared for the project life.
- 5) The project proponent shall maintain 7.5m greenbelt in safety zone and such plantation should not be disturbed.
- 6) The PP shall ensure that the loaded trucks are covered with a tarpaulin cover to avoid the spillage & dust pollution while transportation.
- 7) The PP shall abide by all the conditions as stipulated in accordance with the provisions of MMR 1961 and DGMS Circular No.7 of 1997 while carrying out the controlled blasting operations through a statutorily competent persons appointed by him.
- 8) The proponent shall carryout suppression of dust generated due to transport vehicles by continuous water spraying using tankers.
- 9) The PP shall strictly satisfy the requirements of the provisions of Mines Act 1952, the regulations of MMR 1961 and the DGMS Circulars, the Environment Act & Rules, 1986, Explosives Act 1884, Explosive rules 1983 and other laws, orders pertaining to the quarry operation without any deviation.
- 10) As accepted by the Project Proponent the CER cost of Rs. 5 lakhs and the amount shall be spent for the Government Primary School, Kallanai Village, before obtaining CTO from TNPCB.


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Agenda Item No: 467- 03

File No: 10834/2023

Existing Rough stone and Gravel quarry over an extent of 1.21.46Ha in S.F.Nos. 986/B1(Part), of Mudalipalayam Village, Kangayam Taluk, Tiruppur District, Tamil Nadu by Tmt. G. Susila - For Terms of Reference. (SIA/TN/MIN/469431/2024, dt: 16/04/2024)

The proposal was placed in this 467th meeting of SEAC held on 16.05.2024. The Project Proponent made a detailed presentation on the proposed project. The details of the project furnished by the proponent are available on the PARIVESH web portal (parivesh.nic.in). The SEAC noted the following among other things:

1. The Project Proponent, Tmt. G. Susila has applied seeking Terms of Reference for EIA study for the Existing Rough Stone & Gravel Mine over an extent of 986/B1(Part), of Mudalipalayam Village, Kangayam Taluk, Tiruppur District, Tamil Nadu.
2. The proposed quarry/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006 as amended.
3. As per mining plan, the lease period is for 5 years. The mining plan is for 5 years & production should not exceed 94,511 m³ of Rough stone & 4,176 m³ of Gravel. The annual peak production should not exceed 19,526 m³ of Rough stone & 4,176 m³ of Gravel. The ultimate depth of mining is 42m BGL.

Based on the presentation and details furnished by the project proponent, SEAC decided to grant Terms of Reference (TOR) with Public Hearing subject to the following TORs, in addition to the standard terms of reference for EIA study for non-coal mining projects and details issued by the MOEF & CC to be included in EIA/EMP Report:

1. The project proponent shall submit a Certified Compliance Report obtained from the office of the concerned DEE/TNPCB (or) IRO, MoEF & CC, Chennai as per the MoEF&CC O.M dated.08.06.2022 for the previous EC and appropriate mitigating measures for the non-compliance items, if any.
2. For the existing quarry, the PP shall obtain a letter from the concerned AD (Mines) which shall stipulate the following information:
 - i. Original pit dimension of the existing quarry
 - ii. Quantity achieved Vs EC Approved Quantity


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- iii. Balance Quantity as per Mineable Reserve calculated.
 - iv. Mined out Depth as on date Vs EC Permitted depth
 - v. Details of illegal/illicit mining carried out, if any
 - vi. Quantity of material mined out outside the mine lease area (or) in the adjacent quarry/land.
 - vii. Existing condition of Safety zone/benches
 - viii. Details of any penalties levied on the PP for any violation in the quarry operation
3. PP shall furnish a letter from AD/DD mines stating that the project will not fall under violation category.
 4. The structures within the radius of (i) 50 m, (ii) 100 m, (iii) 200 m and (iv) 300 m & upto 1km shall be enumerated with details such as dwelling houses with number of occupants, whether it belongs to the owner (or) not, places of worship, industries, factories, sheds, etc.
 5. The Proponent shall develop greenbelt and garland drain around the boundary of the proposed quarry and the photographs indicating the same shall be shown during the EIA appraisal.
 6. The study on impact of the proposed quarrying operations on the surrounding environment which includes reserve forest, water bodies, etc.
 7. The Project Proponent shall furnish the revised EMP based on the study carried out on impact of the dust & other environmental impacts due to proposed quarrying operations on the nearby agricultural lands for remaining life of the mine in the format prescribed by the SEAC considering the cluster situation.

Agenda No: 476 - 04

(File No: 9341/2024)

Existing Rough stone & Gravel quarry lease over an extent of 2.54.58 Ha in S.F.No. 509/2 at Madukkarai Village, Madukkarai Taluk, Coimbatore District, Tamil Nadu by Thiru. M. Saravanan – Environmental Clearance. (SIA/TN/MIN/462941/2024, dt 13/04/2024)

The proposal was placed in this 467th meeting of SEAC held on 16.05.2024. The Project Proponent made a detailed power point presentation about the proposed project. The details of the project furnished by the proponent are available on the PARIVESH web


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portal (parivesh.nic.in).

The SEAC noted the following:

1. The Project Proponent, Thiru. M. Saravanan has applied seeking Environment Clearance for the existing Rough & Gravel stone quarry lease over an extent of 2.54.58 Ha in S.F.No. 509/2 at Madukkarai Village, Madukkarai Taluk, Coimbatore District, Tamil Nadu.
2. The proposed quarry/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification 2006, as amended.
3. ToR issued vide Lr.No. SEIAA-TN/F.No.9341/SEAC/ToR-1238/2022 Dated:30.08.2022
4. Public Hearing conducted on 11.10.2023. During public hearing few of the local people have opposed the proposed project activity. The PP has furnished action plan in this regard.

File No.	9341/2022		Category	B1
	SIA/TN/MIN/469241/2024, Dated: 13.04.2024			1(a)
Sl. No	Salient Features of the Proposal			
1.	Name of the Owner/Firm	:	Thiru. M. Saravanan S/o. Mallaiyan, No. 16/176, Palakkad Road, Marappalam, Madukkarai, Coimbatore District – 641 105.	
2.	Type of quarrying (Ordinary Stone/Sand/Granite/Limestone)	:	Rough Stone and Gravel Quarry	
3.	S.F Nos. of the quarry site	:	509/2	
4.	Village in which situated	:	Madukkarai	
5.	Taluk in which situated	:	Madukkarai	
6.	District in which situated	:	Coimbatore	
7.	Extent of quarry (in ha.)	:	2.54.58 Ha	
8.	Latitude & Longitude of all corners of the quarry site	:	10°53'09.8142"N to 10°53'18.1889"N 76°56'40.4454"E to 76°56'46.8417"E	


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9.	Topo Sheet No.	: 58 - B/13
10.	Type of mining	: Opencast – Mechanized Mining
11.	Details of Environmental Setting.	<p>Nearest Habitation – 530m – South East</p> <p>Nearest School – Government High School, Marappalam – 1.6km – North West</p> <p>Nearest Reserve Forest – Boluvampatti R.F – 1.54km – North West</p> <p>Nearest Wildlife Sanctuary – Indira Gandhi (Anamalai) Wildlife Sanctuary – 38km – South West</p> <p>Nearest Water Bodies</p> <ul style="list-style-type: none"> ● Odai – 480m – West ● Odai – 900m – West ● Odai – 1.6 km - West
12.	NBWL Clearance/ Conservation Measures	: Not Applicable
13.	Details of Previous History	EC: Lr.No.SEIAA- TN/F.No.2466/1(a)/2483/2015, Dated: 01.12.2015
14.	CCR If Applicable	CCR: E.P./12.1/2022-23/SEIAA/88/TN/888 Dated: 18.08.2022
15.	Date of ToR	: 30.08.2022
16.	Date of Public Hearing	: 11.10.2023
17.	Details of EC/ToR Granted in the Cluster.	<p>File No: 9596 – EC Granted</p> <p>File No: 9126 – EC Granted</p> <p>File No: 9195 – TOR Granted</p> <p>File No: 9342 – TOR Granted</p>
18.	Life of Project	: 5 Years
	Lease Period	: 5 Years
	Mining Plan Period	: 5 Years


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	Mining Plan Details	: Rough Stone	Weathered Rock	Gravel
19.	Geological Resources m ³ (RoM)	: 6,24,256	23,132	11,566
	Minable Resources m ³ (RoM)	: 2,33,497	3,744	2,640
	Annual Peak Production in m ³	: 66,450	3,744	2,640
	Maximum Depth in meters	: 41m BGL		
20.	Depth of water table	: 65-70m BGL		
21.	Man Power requirement per day:	: 26 Nos		
22.	Water requirement:	2.5 KLD		
	1. Drinking & Domestic	: 1.5		
	2. Dust Suppression	: 0.5 KLD		
	3. Green belt	: 0.5 KLD		
23.	Power requirement	: TNEB		
24.	Precise area communication approved by the Deputy Director, Dept. of G&M	: Rc.No.294/Mines/2022 Dated: 02.05.2022		
25.	Mining Plan approved by Deputy Director, Dept. of Geology & Mining.	: Rc.No.294/Mines/2022 Dated: 13.05.2022		
26.	500m cluster letter issued by the Deputy Director, Dept. of Geology and Mining.	: Rc.No.294/Mines/2022 Dated: 13.05.2022		
27.	VAO Certificate Regarding Structures within 300m Radius	: Letter Dated: 13.05.2022		
28.	Project Cost (excluding EMP cost)	: Rs. 1,43,65,000/-		



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29.	EMP cost (in Rs. Lakhs).	:	Rs. 107,00,000/-	
30.	CER cost (in Rs. Lakhs).	:	Rs. 5,00,000/-	
31.	SEAC Recommendation.	:	Recommended.	
32.	Recommended Quantities	:	Production quantity of Rough Stone (m ³)	Production quantity of Gravel (m ³)
		:	1,99,157 m ³	2640 m ³
		:	Annual Peak production of Rough Stone (m ³)	Annual Peak production of Gravel (m ³)
		:	43,790 m ³	2,640 m ³
33.	Standard Conditions	:	Annexure I	
34.	Is the depth recommended more than 40m.	:	YES ✓	NO
35.	If 34 above is YES	:	Annexure II	
36.	Is the proposed area located near Reserve Forest	:	YES ✓	NO
37.	If 36 above is YES	:	Annexure III	
38.	Special Conditions	:		

Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance for the annual peak production capacity of not exceeding 43,790 m³ of rough stone and 2,640 m³ of Gravel by maintaining the ultimate working depth of mining up to 41m BGL for the project life of 5 years (or) expiry date of mine lease but subject to a maximum of thirty years, whichever is earlier, subject to the standard conditions as per the Annexure I of this minutes & normal conditions stipulated by MOEF &CC, in addition to the following specific conditions:

- 1) The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier, vide MoEF&CC Notification S.O, 1807(E) dated 12.04.2022.


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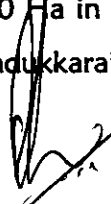
- 2) Tree plantation & fencing and installation of garland drainage with siltation tank around the mine lease area shall be completed before execution of the mine lease.
- 3) The PP shall register promptly through online in the Shram Suvidha Portal which is the official portal of Ministry of Labour & Employment, Govt of India to obtain Labour Identification Number (LIN) before obtaining the CTO from the TNPCB.
- 4) The PP shall abide by the mitigation and restoration measures provided in the Environment Management plan prepared for the project life.
- 5) The project proponent shall maintain 7.5m greenbelt in safety zone and such plantation should not be disturbed.
- 6) The PP shall ensure that the loaded trucks are covered with a tarpaulin cover to avoid the spillage & dust pollution while transportation.
- 7) The PP shall abide by all the conditions as stipulated in accordance with the provisions of MMR 1961 and DGMS Circular No.7 of 1997 while carrying out the controlled blasting operations through a statutorily competent persons appointed by him.
- 8) The proponent shall carryout suppression of dust generated due to transport vehicles by continuous water spraying using tankers.
- 9) The PP shall strictly satisfy the requirements of the provisions of Mines Act 1952, the regulations of MMR 1961 and the DGMS Circulars, the Environment Act & Rules, 1986, Explosives Act 1884, Explosive rules 1983 and other laws, orders pertaining to the quarry operation without any deviation.
- 10) As accepted by the Project Proponent the CER cost is Rs. 5 Lakhs and the amount shall be spent towards Government Higher secondary School, Marapaalam Village, Coimbatore District for the activities as committed before obtaining CTO from TNPCB.

Agenda No: 476 - 05

(File No: 9342/2024)

Existing Rough stone & Gravel quarry lease over an extent of 3.32.50 Ha in S.F.No. 509/1(Part) & 15/1A2(Part) at Madukkarai and Palathurai Village, Madukkarai Taluk,


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Coimbatore District, Tamil Nadu by Thiru. M. Shanmugam – Environmental Clearance.
(SIA/TN/MIN/469153/2024 Dated: 12.04.2024)

The proposal was placed in this 467th meeting of SEAC held on 16.05.2024. The Project Proponent made a detailed power point presentation about the proposed project. The details of the project furnished by the proponent are available on the PARIVESH web portal (parivesh.nic.in).


The SEAC noted the following:

1. The Project Proponent, Thiru. M. Shanmugam has applied seeking Environment Clearance for the existing Rough stone & Gravel quarry lease over an extent of 3.32.50 Ha in S.F.No. 509/1(Part) & 15/1A2(Part) at Madukkarai and Palathurai Village, Madukkarai Taluk, Coimbatore District, Tamil Nadu.
2. The proposed quarry/activity is covered under Category “B1” of Item 1(a) “Mining Projects” of the Schedule to the EIA Notification 2006, as amended.
3. ToR issued vide Lr.No.SEIAA-TN/F.No.9342/SEAC/ToR-1248/2022 Dated:30.08.2022
4. Public Hearing conducted on 11.10.2023. During public hearing few of the local people have opposed the proposed project activity. The PP has furnished action plan in this regard.

File No.	9342/2022		Category	B1
	SIA/TN/MIN/469153/2024 Dated: 12.04.2024			1(a)
Sl. No	Salient Features of the Proposal			
1.	Name of the Owner/Firm	:	Thiru. M. Shanmugam S/o. Mallaiyan, No. 12/1B, Santhosh Illam, Sri Lakshmi Nagar Marappalam, Madukkarai, Coimbatore District – 641 105.	
2.	Type of quarrying (Ordinary Stone/Sand/Granite/Limestone)	:	Rough Stone and Gravel Quarry	
3.	S.F Nos. of the quarry site	:	509/1(Part) & 15/1A2(Part)	
4.	Village in which situated	:	Madukkarai and Palathurai	


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5.	Taluk in which situated	:	Madukkarai
6.	District in which situated	:	Coimbatore
7.	Extent of quarry (in ha.)	:	3.32.50 Ha
8.	Latitude & Longitude of all corners of the quarry site	:	10°53'05.7553"N to 10°53'15.8811"N 76°56'37.3129"E to 76°56'43.2515"E
9.	Topo Sheet No.	:	58 – B/13
10.	Type of mining	:	Opencast Mechanized Mining
11.	Details of Environmental Setting.	:	<p>Nearest Habitation - 600m – South East</p> <p>Nearest School – Government High School, Muthugoundanur – 3.5km – North West</p> <p>Nearest Reserve Forest – Bolumvampatti R.F – 1.52km – North West</p> <p>Nearest Wildlife Sanctuary – Indira Gandhi (Anamalai) Wildlife Sanctuary – 38.0km – South West</p> <p>Nearest Water Bodies:</p> <ul style="list-style-type: none"> ● Odai – 80m – NW ● Odai – 280m – NW ● Odai – 770m – W
12.	NBWL Clearance/ Conservation Measures	:	Not Applicable
13.	Details of Previous History	:	<p>Lessee Name: Tmt. S. Manonmani</p> <p>Lease Period: 01.06.2016 to 31.05.2021</p> <p>EC: Lr.No.SEIAA-</p> <p>TN/F.No.3735/1(a)/2779/2015, Dated: 21.01.2016</p> <p>Lessee Name: M. Saravanan</p> <p>Lease Period: 01.12.2015 to 18.08.2022</p>
14.	CCR If Applicable	:	Applicable and obtained for the adjacent quarry proposal vide E.P./12.1/2022-



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		23/SEIAA/88/TN/888 Dated: 18.08.2022 located at SF No. 509/2, Madukkarai village			
15.	Date of ToR	:	30.08.2022		
16.	Date of Public Hearing	:	11.10.2023		
17.	Details of EC/ToR Granted in the Cluster.		File No: 9596 – EC Granted File No: 9126 – EC Granted File No: 9195 – TOR Granted File No: 9341 – TOR Granted		
18.	Life of Project	:	5 Years		
	Lease Period	:	5 Years		
	Mining Plan Period	:	5 Years		
19.	Mining Plan Details	:	Rough Stone m ³	Weathered Rock m ³	Gravel m ³
	Geological Resources m ³ (RoM)	:	11,69,457	38,488	10,456
	Minable Resources m ³ (RoM)	:	3,32,018	10,123	754
	Annual Peak Production in m ³	:	74,265	10,123	754
	Maximum Depth in meters	:	51m BGL (2m Gravel + 4m Weathered Rock + 45m Rough Stone)		
20.	Depth of water table	:	65 – 70m BGL		
21.	Man Power requirement per day:	:	37 Nos		
22.	Water requirement:		2.8 KLD		
	1. Drinking & Domestic	:	0.8 KLD		
	2. Dust Suppression	:	0.5KLD		
	3. Green belt	:	1.5 KLD		
23.	Power requirement	:	TNEB		
24.	Precise area communication approved by the Deputy Director, Dept. of G&M	:	Rc.No.295/Mines/2022 Dated: 05.05.2022		


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25.	Mining Plan approved by Deputy Director, Dept. of Geology & Mining.	:	Rc.No.295/Mines/2022 Dated: 13.05.2022	
26.	500m cluster letter issued by the Deputy Director, Dept. of Geology and Mining.	:	Rc.No.295/Mines/2022 Dated: 13.05.2022	
27.	VAO Certificate Regarding Structures within 300m Radius	:	Letter Dated: 13.05.2022	
28.	Project Cost (excluding EMP cost)	:	Rs. 1,06,96,000/-	
29.	EMP cost (in Rs. Lakhs).	:	Rs. 1,44,00,000/-	
30.	CER cost (in Rs. Lakhs).	:	Rs. 5,00,000	
31.	SEAC Recommendation.	:	Recommended.	
32.	Recommended Quantities	:	Production quantity of Rough Stone (m ³)	Production quantity of Gravel (m ³)
		:	3,03,683 m ³	754 m ³
		:	Annual Peak production of Rough Stone (m ³)	Annual Peak production of Gravel (m ³)
		:	74,265 m ³	754 m ³
33.	Standard Conditions	:	Annexure I	
34.	Is the depth recommended more than 40m.	:	YES ✓	NO
35.	If 34 above is YES	:	Annexure II	
36.	Is the proposed area located near Reserve Forest	:	YES ✓	NO
37.	If 36 above is YES	:	Annexure III	
38.	Special Conditions	:		


Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance for the


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annual peak production capacity of not exceeding 74,265m³ of rough stone & 754 m³ of Gravel by maintaining the ultimate working depth of mining up to 46m BGL for the project life of 5 years (or) expiry date of mine lease but subject to a maximum of thirty years, whichever is earlier, and subject to the standard conditions as per the Annexure I of this minutes & normal conditions stipulated by MOEF &CC, in addition to the following specific conditions:

- 1) The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier, vide MoEF&CC Notification S.O, 1807(E) dated 12.04.2022.
- 2) Tree plantation & fencing and installation of garland drainage with siltation tank around the mine lease area shall be completed before execution of the mine lease.
- 3) The PP shall register promptly through online in the Shram Suvidha Portal which is the official portal of Ministry of Labour & Employment, Govt of India to obtain Labour Identification Number (LIN) before obtaining the CTO from the TNPCB.
- 4) The PP shall abide by the mitigation and restoration measures provided in the Environment Management plan prepared for the project life.
- 5) The project proponent shall maintain 7.5m greenbelt in safety zone and such plantation should not be disturbed.
- 6) The PP shall ensure that the loaded trucks are covered with a tarpaulin cover to avoid the spillage & dust pollution while transportation.
- 7) The PP shall abide by all the conditions as stipulated in accordance with the provisions of MMR 1961 and DGMS Circular No.7 of 1997 while carrying out the controlled blasting operations through a statutorily competent persons appointed by him.
- 8) The proponent shall carryout suppression of dust generated due to transport vehicles by continuous water spraying using tankers.


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- 9) The PP shall strictly satisfy the requirements of the provisions of Mines Act 1952, the regulations of MMR 1961 and the DGMS Circulars, the Environment Act & Rules, 1986, Explosives Act 1884, Explosive rules 1983 and other laws, orders pertaining to the quarry operation without any deviation.
- 10) As accepted by the Project Proponent the CER cost is Rs. 5 Lakhs and the amount shall be spent towards Government Higher secondary School, Marapaalam Village, Coimbatore District for the activities as committed before obtaining CTO from TNPCB.

Agenda No. 467 - 06

(File No. 1194/2013)


Existing Black Granite Quarry over an extent of 8.98.5 Ha at S.F. No. 883(Part), Ajjanahalli Village, Pennagaram Taluk, Dharmapuri District by M/s. Tamil Nadu Minerals Limited - for Environmental Clearance Under Violation.

(SIA/TN/MIN/37405/2018, Dated: 06.06.2019)

Earlier, the proposal was placed before the 352nd SEAC Meeting held on 08.02.2023. The details of the project furnished by the proponent are available in the website (www.parivesh.nic.in).

The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. The quarry lease was issued in the name of M/s. TAMIN Limited by the Government, Industries Department vide Letter. No. G.O. (3D) No. 02 dated 04/01/2011 for a period of 30 years to quarry black granite over an extent of 8.98.5 Hectares in S.F.No 883 (Part) of Ajjanahalli Village, Pennagaram Taluk, Dharmapuri District.
2. The unit was issued ToR under violation category vide Lr No. SEIAATN/F.No.1194/ToR-379/2018 dated 22/05/2018.
3. Quarrying operation will be done by Opencast Semi Mechanised method.
4. Lease applied area is not covered under HACA region.
5. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area.


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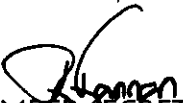
6. No Interstate boundary & Western Ghats Boundary within the radius of 5km from the lease area.
7. No National Park & Wild Life Sanctuary within the radius of 10km from the lease area.
8. Earlier the proposal was placed in 259th SEAC meeting held on 31.03.2022. Based on the Inspection report, presentation and documents furnished by the project proponent, SEAC noted that in G.O(MS) No. 295 dated 03.11.2021 the Government in Industries Department has notified the following Rules specifying certain conditions for permitting mining activities near ecologically sensitive areas.

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

The Committee noted that the Bevanur Reserve Forest is located at a distance of 0.6km from this project site and the proposal is, therefore, hit by the above G.O. The Committee, therefore, **decided not to recommend the proposal**. Based on the presentation and documents furnished by the PP SEAC noted that this is a violation case to start with. Hence, SEAC decided that PP shall apply afresh with relevant documents in online through PARIVESH portal, clearly stating the history of the case, to take further course of action.

Subsequently, the proposal was placed in the 505th Authority meeting held on 09.05.2022 and SEIAA decided to communicate the SEAC minutes to the project proponent held on 31.03.2022.

Now, the proposal was placed in this 467th meeting of SEAC held on 16.05.2024. The Committee noted that the project proponent was absent for the meeting. The SEAC decided to defer the subject to a later date directing the project proponent to furnish the reason for not attending the meeting.


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Agenda No. 467 - 07

File No.9576/2023

Existing Rough Stone and gravel quarry lease over an extent 1.92.5 Ha at S.F.Nos. 710/3 & 712/2 of Kuppam Village, Pugalur Taluk, Karur District, Tamil Nadu by Thiru. M. Gunasekaran - For Environmental Clearance.

(SIA/TN/MIN/459175/2024 dated:19.01.2024)

The proposal was placed in the 467th meeting of SEAC held on 16.05.2024. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru. M. Gunasekaran has applied for Environmental Clearance for the Existing Rough Stone and gravel quarry lease over an extent 1.92.5 Ha at S.F.Nos. 710/3 & 712/2 of Kuppam Village, Pugalur Taluk, Karur District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. It is an existing quarry. Earlier, the proponent has obtained EC from SEIAA vide Lr.No.SEIAA-TN/F.No.3718/1(a)/E.C.No.3087/2015 dated.02.03.2016.
4. Subsequently, the proponent submitted an application seeking Terms of Reference for the next scheme of mining as the proposal falls under 'B1' category.
5. ToR was issued to the project proponent vide Lr.No.SEIAA-TN/F.No.9576/SEAC/ToR-1353/2023, Dated:10.02.2023.
6. Public hearing was conducted on 02.11.2023.
7. Baseline monitoring period March to May 2023.
8. EIA Report submitted in the PARIVESH Portal on 19.01.2024.
9. Earlier, the proposal was placed in the 453rd SEAC meeting held on 20.03.2024. Based on the presentation and details furnished by the project proponent, the Committee decided to call for the following details from the project proponent to consider the proposal for appraisal:
 - i) The project proponent shall submit a Certified Compliance Report as per the MoEF&CC O.M dated.08.06.2022 for the previous EC obtained from SEIAA dated.02.03.2016.


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10. Subsequently, the proponent vide letter dated.27.04.2024 submitted the Certified Compliance Report F.No.EP/12.1/2023-24/SEIAA/365/TN/574 dtaed.26.04.2024 obtained from the IRO of MoEF&CC for the earlier EC obtained from SEIAA.

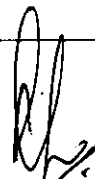
11. In view of the above, the proposal is again placed in this 467th SEAC meeting.

12. The salient features of the proposal are as follows:


File No	9576/2024	Category	B1
	459175/2024		1(a)
Sl. No	Salient Features of the Proposal		
1.	Name of the Owner/Firm	:	Thiru.M.Gunasekaran S/o Muthusamy, No 3/37, Karaippalayam, Thirukkatuthurai, Pugalur Taluk, Karur District -639 117.
2.	Type of quarrying	:	Rough Stone and Gravel
3.	S.F Nos. of the quarry site	:	710/3 & 712/2
4.	Village in which situated	:	Kuppam
5.	Taluk in which situated	:	Pugalur
6.	District in which situated	:	Karur
7.	Extent of quarry (in ha.)	:	1.92.5 Ha
8.	Latitude & Longitude of all corners of the quarry site	:	10°58'49.04"N to 10°58'55.76"N 77°55'56.49"E to 77°56'02.53"E
9.	Topo Sheet No.	:	58 - F/13
10.	Type of mining	:	Opencast Mechanized Mining Method
11	Details of Environmental Setting.		P.U.M School, Salipalayam – 1.0km - NE
12.	NBWL Clearance/ Conservation Measures		Not applicable


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13	Details of Previous History	Earlier quarried by the same PP during the period 2016-2021. EC obtained vide letter dated.02.03.2016.	
14.	CCR If Applicable	F.No.EP/12.1/2023-24/SEIAA/365/TN/574 dated.26.04.2024 obtained from the IRO of MoEF&CC	
15.	Life of Projects	5 years	
	Lease Period	5 years	
	Mining Plan Period	: 5 years	
16.	Mining Plan Details	As per approved Mining Plan	As modified by SEAC
	Geological Resources m ³ (RoM)	Rough Stone – 7,24,430m ³	-
		Gravel – 29,112m ³	-
	Minal Resources m ³ (RoM)	Rough Stone – 1,60,982m ³	-
		Gravel – 11,446 m ³	-
	Annual Peak Production in m ³	Rough Stone – 29,600m ³	-
		Gravel – 5,600m ³	-
Maximum Depth in meters	: 37m below ground level	-	
17.	Depth of water table	: 69 – 65m	
18.	Man Power requirement per day:	: 20 Nos.	
19.	Water requirement:	1.5 KLD	
	1. Domestic Purpose	: 0.5 KLD	
	2. Dust suppression	: 0.3 KLD	
	3. Green Belt	: 0.7 KLD	


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20.	Power requirement	:	1,14,390 Liters of HSD for entire project life		
21.	Precise area communication approved by the Deputy Director, Dept. of G&M	:	Rc.No.297/Kanimam/2021, dated: 04.03.2022.		
22.	Mining Plan approved by the Deputy Director, Dept. of G&M.	:	Rc.No.297/Mines/2021, dated:27.05.2022.		
23.	500m cluster letter issued by the Deputy Director, Dept. of G&M.	:	Rc.No.297/Mines/2021, dated:23.06.2022.		
24.	VAO Certificate Regarding Structures within 300m Radius	:	Letter Dated: 29.04.2022.		
25.	Project Cost (excluding EMP cost)	:	Rs. 43,50,000 /-		
26.	EMP cost (in Rs. Lakhs).	:	Capital Cost – Rs. 26,25,750/- Recurring Cost – Rs. 14,89,678/-		
27.	CER cost (in Rs. Lakhs).	:	Rs. 5,00,000 /-		
28.	EC Recommendation	:	Validity	30 years subject to the following upper limits.	
				Rough Stone	Gravel
			Max Total RoM	1,40,607m ³	11,446m ³
			Annual Max RoM	29,600m ³	5600m ³
	Max Depth in mtrs		37m Below Ground Level		
29.	Standard Conditions	:	Annexure I		
30.	Is the depth recommended more than 40m.	:	YES	NO	
31.	If 30 above is YES	:	Special Conditions II		


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32.	Is the proposed area located near Reserve Forest	:	YES	NO
33.	If 32 above is YES	:	Special Conditions III	
34.	Other Special Conditions	:	Stipulated as below	

Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance for the annual peak production capacity not exceeding 29,600m³ of Rough stone & 5600m³ of gravel by restricting the ultimate depth of mining up to 37m Below Ground Level for the project life of 5 years (or) expiry date of mine lease but subject to a maximum of thirty years, whichever is earlier, from the date of lease execution and subject to the standard conditions as per the Annexure I of this minutes & normal conditions stipulated by MoEF &CC, in addition to the following specific conditions:

- 1) The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier, vide MoEF&CC Notification S.O, 1807(E) dated 12.04.2022.
- 2) Tree plantation & fencing and installation of garland drainage with siltation tank around the mine lease area shall be completed before execution of the mine lease.
- 3) The PP shall register promptly through online in the Shram Suvidha Portal which is the official portal of Ministry of Labour & Employment, Govt of India to obtain Labour Identification Number (LIN) before obtaining the CTO from the TNPCB.
- 4) The PP shall abide by the mitigation and restoration measures provided in the Environment Management plan prepared for the project life.
- 5) The project proponent shall maintain 7.5m greenbelt in safety zone and such plantation should not be disturbed.
- 6) The PP shall ensure that the loaded trucks are covered with a tarpaulin cover to avoid the spillage & dust pollution while transportation.


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- 7) The PP shall abide by all the conditions as stipulated in accordance with the provisions of MMR 1961 and DGMS Circular No.7 of 1997 while carrying out the controlled blasting operations through a statutorily competent persons appointed by him.
- 8) The proponent shall carryout suppression of dust generated due to transport vehicles by continuous water spraying using tankers.
- 9) The PP shall strictly satisfy the requirements of the provisions of Mines Act 1952, the regulations of MMR 1961 and the DGMS Circulars, the Environment Act & Rules, 1986, Explosives Act 1884, Explosive rules 1983 and other laws, orders pertaining to the quarry operation without any deviation.
- 10) As accepted by the Project Proponent the CER cost is Rs. 5 Lakhs and the amount shall be spent towards the Panchayat Union Middle School, Saliyapalayam, K.Paramathi for the activities as committed before obtaining CTO from TNPCB.

Agenda No: 467 -08

(File No: 10829/2024)

Proposed Rough stone & Gravel Quarry lease over an extent of 5.530Ha at SF.Nos. 204/1, 204/2, 204/3, 205, 206/1, 206/2, 206/3, 206/4, 206/5, 206/6, 206/7, 206/8, 206/9 of Periyavenmani Village, Madhuranthakam Taluk, Chengalpattu District, Tamil Nadu by M/s. AK Blue Metals Pvt Ltd - For Terms of Reference.

(SIA/TN/MIN/470147/2024, Dated:22.04.2024)

The proposal was placed in the 467th SEAC Meeting held on 16.05.2024. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

1. The Project Proponent, M/s. AK Blue Metals Pvt Ltd has applied for Terms of Reference for the Proposed Rough stone & Gravel Quarry lease over an extent of 5.530Ha at SF.Nos. 204/1, 204/2, 204/3, 205, 206/1, 206/2, 206/3, 206/4, 206/5, 206/6, 206/7, 206/8, 206/9 of Periyavenmani Village, Madhuranthakam Taluk, Chengalpattu District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) " Mining of mineral of the Schedule to the EIA Notification, 2006.


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3. The lease period is for 10 years. The mining plan is for the period of Ten years & the production should not exceed 11,12,850m³ of rough stone & 91,518m³ of Gravel with an ultimate depth of mining is 52m BGL. The annual peak production is 1,61,130m³ of rough stone & 49,128m³ of Gravel.

SEAC decided to recommend for grant of Terms of Reference (TOR) with Public Hearing, subject to the TORs stated therein, in addition to the standard terms of reference for EIA study for non-coal mining projects and details issued by the MOEF & CC and additional ToR conditions given in ANNEXURE-I are to be included in EIA/EMP Report. In addition to the following condition,

1.The PP shall furnish the letter from panchayat office that existing cart track located within the lease area is not in use.

Agenda No: 467- 09

(File No: 9745/2023)


Proposed Rough stone & Gravel Quarry over an extent of 1.15.0 Ha in SF.No. 193/3B (part) at Thennilai East Village, Pugalur Taluk, Karur District, Tamil Nadu by Tmt.S.Santhimathi - For Environmental Clearance.

(SIA/TN/MIN/462911/2024, Dated. 15.02.2024)

Earlier the proposal was placed in the 456th meeting of SEAC held on 28.03.2024. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Project Proponent, Tmt.S.Santhimathi has applied for Environmental Clearance for the Proposed Rough stone & Gravel Quarry over an extent of 1.15.0 Ha in SF.No. 193/3B(part) of Thennilai East Village, Pugalur Taluk, Karur District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) " Mining of mineral Projects of the Schedule to the EIA Notification, 2006.
3. Lr. No. SEIAA-TN/ F. No. 4776/1 (a)/EC.No.3267/2015, dated: 09.07.2016.
4. CCR Obtained from MoEF&CC on 12.01.2023.
5. ToR issued Vide - Lr No. SEIAA-TN/F. No. 9745/SEAC/ ToR-1459/2023, Dated:15.05.2023.


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6. Public hearing conducted on dated :19.12.2023.

The SEAC noted that the Project Proponent has not attended the meeting. Hence the subject was not taken up for discussion. The project proponent shall furnish the reason for his absence.

Now the proposal was placed in the 467th meeting of SEAC held on 16.05.2024.

Based on the presentation and documents furnished by the project proponent, the SEAC has decided to defer the proposal and directed the PP to provide the additional details as stipulated below:

1. As committed earlier while obtaining the ToR for the project, the PP shall furnish the revised mining plan for carrying out the Manual Mining operation only involving no drilling and blasting activities in the proposed quarry which shall be approved by the competent Authority.

Agenda No: 467-10

(File No: 10196/2023)

Proposed Rough stone quarry lease over an extent of 2.00.0Ha at SF.No. 418(P),66 of Mettupatti Village, Vadipatti Taluk, Madurai District, Tamil Nadu by Thiru.N.Athimuthan - for Environmental Clearance.

(SIA/TN/MIN/433376/2023, Dated: 15.06.2023)

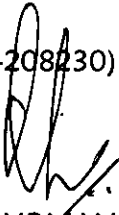
The proposal was placed in 403rd meeting of SEAC held on 24.08.2023. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Project Proponent, Thiru.N.Athimuthan has applied for Environmental Clearance for the proposed Rough stone quarry lease over an extent of 2.00.0Ha at SF.No. 418(P), 66 of Mettupatti Village, Vadipatti Taluk, Madurai District, Tamil Nadu.
2. The proposed quarry/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. Earlier, the PP has obtained Environmental Clearance from DEIAA vide Lr. No.DEIAA-TN-MDU/F.No.042/1(a)/Dated:24.08.2017 for the period of 10 years.
4. As per the MOEF&CC OM F. NO. IA3-22/11/2023-IA.III (E-208230) dated


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28.4.2023 the EC has been granted by DEIAA should be Reappraised by SEIAA/SEAC.

5. Further, it is pertinent to observe that EIA Office memorandum F.No. IA3-22/11/2023-IA (E-208230), dated. 28.04.2023 and relevant part of the OM reads as under:

"....it has been decided that all valid ECs issued by DEIAA shall be reappraised through SEAC/SEIAA in compliance to the order of the Hon'ble NGT in O.A.142 of 2022. In view of above, t is hereby directed that all concerned SEACs shall re-appraise the ECs issued between 15.01.2016 and 13.09.2018 (including both dates) and all fresh ECs shall be granted only by SEIAAs based on such appraisal. The exercise shall be completed within a time period of one year from the date of issue of this OM. DEIAAs shall transfer all such files where ECs have been granted to concerned SEIAA within a time period of one month from issue of this OM....."

"....Environmental clearance was granted by DEIAA need to be brought in consonance with the directions given by the Hon'ble Supreme Court in Deepak Kumar (supra) and order dated. 13.09.2018 by this Tribunal in Satendra Pandey (supra) by re-appraisal by SEIAA and only such mining leases may be continued which have been on re-appraisal granted environmental clearance by SEIAA and after taking appropriate remedial action on the basis of such re-appraisal..."

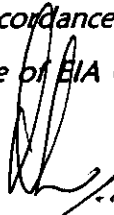
Further, in order to have a uniform approach across the country for such appraisal, SEIAA shall scrutiny and appraise the proposals based on the checklist provided below:

xi. Compliance of Hon'ble Supreme Court Judgement dated 02.08.2017 passed in Common Cause vs Union of India Writ Petition (C) 114 of 2014....."

6. Based on the above, the PP should have stopped all the quarrying activity including excavation, transportation and dispatch of mineral/waste with effect from 28.05.2023, i.e. to facilitate the PP for submitting the application with necessary documents to the SEIAA-TN and completion of statutory formalities pertaining to the discontinuance of mining operations in accordance with MMDR Act 1957 & Mines Act 1952, within one month of issue of EIA Office


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memorandum F.No. IA3-22/11/2023-IA (E-208230), dated. 28.04.2023 and will continue to operate only after obtaining Environmental clearance from SEIAA-TN once completing the remedial actions based on such re-appraisal by SEIAA-TN.

7. But, it is further informed by the PP that the proponent has continued to carry out mining operations after submitting the application for the reappraisal by the SEIAA-TN till as on date.
8. As per the mining plan the lease period is for 10 years. The mining plan is for the period of Five years & the production should not exceed 1,48,578m³ of rough stone with an ultimate depth of mining is 35m BGL. The annual peak production is 30,780m³ of rough stone (4th year).
9. ToR Issued Vide – Lr.No.SEIAA-TN/F.No.10196/SEAC/1(a)ToR/Violation - 1545/2023 Dated:13.09.2023.

The subject was placed in the 656th Authority meeting held on 20.09.2023. The Authority noted that the subject was appraised in the 403rd SEAC meeting held on 24.08.2023. Based on the presentation and documents furnished by the project proponent, SEAC decided to grant of Terms of Reference (TOR) under Violation category, subject to the specific TORs stated therein, in addition to the standard terms of reference for EIA study for non-coal mining projects and the EIA/EMP report along with assessment of ecological damage, remediation plan and natural and community resource augmentation plan and it shall be prepared as an independent chapter by the accredited consultants. The grant of Terms of Reference (TOR) under Violation category does not entail EC which is subject to the outcome of the final orders of the Hon'ble High Court of Madras in the matter of W.P.(MD) No. 11757 of 2021.

After detailed discussions, the Authority accepted the recommendation of SEAC and decided to grant Terms of Reference (ToR) under violation category for undertaking EIA study followed by the EMP report along with assessment of ecological damage, remediation plan and natural and community resource augmentation plan and it shall be prepared as an independent chapter by the accredited consultants subject to the conditions as recommended by SEAC & normal / Standard conditions in addition to certain conditions.


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Accordingly, ToR was granted under violation category vide Lr.No.SEIAA-TN/F.No.10196/SEAC/1(a)ToR/Violation -1545/2023 Dated:13.09.2023.

Now the proposal was placed in the 451st SEAC meeting held on 13.03.2024. The Project Proponent vide letter dated 31.01.2024. Requests to consider as Non Violation case as per MOEF&CC OM:F.No.IA3-22/11/2023-IA.III(E-208230) Dated :03.11.2023 Based on the presentation and details furnished by the project proponent, SEAC decided to call for additional particulars as follows,

1. The PP shall submit Certified Compliance Report obtained from the office of the IRO, MoEF & CC, Chennai and the PP shall furnish appropriate mitigating measures for the non-compliance items, if any.

On receipt of the same, further deliberations shall be done. Hence, the proponent is advised to submit the details within a period of 30 days failing which the proposal will be automatically delisted from the PARIVESH Portal.

Now the proposal was placed in the 467th meeting of SEAC held on 16.05.2024.

SEAC noted that violation TOR was issued in this case as the Project Proponent has continued mining operation after 28.4.2023. Subsequently, MoEF&CC vide OM Dated 03.11.2023 had clarified that all the Environmental Clearance issued by DEIAA will be valid for a period of one year which was further extend by six months vide OM dated 15.03.2024. Accordingly in all such cases where the Project Proponent had obtained Environmental Clearance from DEIAA up to 13.9.2018 shall be valid up to 27.07.2024. In the present case the Project Proponent has obtained Environmental Clearance from DEIAA for a period of ten years vide DEIAA letter dated 24.04.2017, Hence the validity of Environmental Clearance upto 24.04.2027.

However, view of NGT Order and subsequent clarification from MoEF&CC, PP has valid EC till 27.10.2024 as per the OM dated 15.03.2024,Therefore SEAC decided the present case doesn't fall under violation and decided to appraise the case under normal category.

File No.	10196/2023	Category	B2
	SIA/TN/MIN/433376/2023, Dated: 15.06.2023		1(a)


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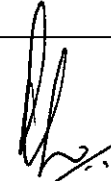
Sl. No	Salient Features of the Proposal	
1.	Name of the Owner/Firm	Thiru. N. Athimuthan S/o. Natarajan No.5-5/132-3, Thanichiam Main Road, Ghandhi Giramam, Athees Company, Kallanai, Madurai-625501
2.	Type of quarrying (Ordinary Stone/Sand/Granite/Limestone)	Rough stone quarry
3.	S.F Nos. of the quarry site	: 418(P),66
4.	Village in which situated	: Mettupatti
5.	Taluk in which situated	: Vadipatti
6.	District in which situated	: Madurai
7.	Extent of quarry (in ha.)	: 2.00.0Ha
8.	Latitude & Longitude of all corners of the quarry site	: 10°07' 44.5982"N to 10°07'51.4882"N 78°07' 44.6790"E to 78°07'50.4599"E
9.	Topo Sheet No.	: 58 J/4
10.	Type of mining	: Opencast Semi-mechanized Mining
11.	Details of Environmental Setting.	Nearest Reserve Forest: 1.Perumalai-I R.F -1.4km - N 2. Sembathi Reserve Forest - 2.5km - W Nearest Habitation: 1.Village- 1.07km- SE Nearest Road: 1.NH785- Tovarankurichu- Madurai -5.45Km 2.MDR 568-1.79km Nearest Airport: Madurai- 33 km - S Nearest Railway Station: Samayanallur Railway station - 20km - SW


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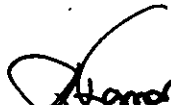

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		Nearest Water bodies: 1.Sathiar dam – 5.70km –SW Nearest Wildlife sanctuary: 1.Vettangudi Bird Sanctuary –31.44km – E
12.	NBWL Clearance/ Conservation Measures	-
13.	Details of Previous History	: 1.Lr.No. DEIAA-TN-MDU/F.No.042/1 (a) /dated: 24.08.2017
14.	CCR If Applicable	: CCR obtained from IRO(SZ), MoEF & CC, Chennai. Dated 24.04.2024
15.	Life of Project	: 10 Years
	Lease Period	: 10 Years
	Mining Plan Period	: 5 Years
16.	Mining Plan Details	: As per approved Mining Plan
	Geological Resources m ³ (RoM)	: 2,63,532 m ³ of ROM, 2,50,355 m ³ of Recovery@95%, 13,177 m ³ of reject waste@5%
	Minable Resources m ³ (RoM)	: 1,56,398 m ³ of ROM, 1,48,578 m ³ of Recovery@95%, 7820 m ³ of reject waste@5%
	Annual Peak Production in m ³	: 32,400 m ³ of ROM, 30780 m ³ of Recovery@95%, 1620 m ³ of reject waste@5%
	Maximum Depth in meters	: 88m from Hill Top
17.	Depth of water table	: 38m – 42m BGL
18.	Man Power requirement per day	: 30 Employees
19.	Water requirement:	4.2 KLD
	1. Drinking & Domestic.	: 1.2 KLD
		: 2.7 KLD


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	2. Dust Suppression & Green belt. 3. Wet Drilling		0.3 KLD
20.	Power requirement	:	TNEB
21.	Precise area communication approved by the District Collector, Department of G&M.	:	Na.Ka.No.313/2017-Kannimam, Dated:17.07.2017.
22.	Scheme of Mining Plan approved by Assistant Director, Department of G&M.	:	Roc.No.1446/Mines/2022, Dated:16.08.2022.
23.	500m Cluster Letter approved by the Assistant Director(i/c), Department of G&M.	:	Roc.No.1446/Mines/2022, Dated:11.06.2023.
24.	VAO Certificate Regarding Structures within 300m Radius	:	Letter Dated: 02.11.2023.
25.	Project Cost (excluding EMP cost)	:	Rs.69,50,000/-
26.	EMP cost (in Rs. Lakhs).	:	Rs.42.38 Lakhs
27.	CER cost (in Rs. Lakhs).	:	Rs. 5,00,000
28.	SEAC Recommendation.	:	Recommended
29.	Recommended Quantities	:	Validity
			30 years subject to the following upper limits.
		:	Rough stone
		:	Max Total in m ³ 1,56,398m ³
		:	Annual Max in m ³ 32,400m ³
		:	Max Depth in mtrs 88m from Hill top
30.	Standard Conditions	:	Annexure I
31.	Is the depth recommended more than 40m.	:	YES


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32.	If 30 above is YES	:	Special Conditions II
33.	Is the proposed area located near Reserve Forest	:	NO
34.	If 32 above is YES	:	Special Conditions III
35.	Other Special Conditions	:	-

Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance for the annual peak production capacity shall not exceed 32,400 m³ of Rough stone for the ultimate depth of mining up to 88 m from Hill Top for the project life of 5 years (or) expiry date of mine lease but subject to a maximum of thirty years, whichever is earlier, from the date of lease execution, subject to the standard conditions as per the Annexure I of this minutes & normal conditions stipulated by MOEF &CC, in addition to the following specific conditions:

- 1) The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier, vide MoEF&CC Notification S.O, 1807(E) dated 12.04.2022.
- 2) Tree plantation & fencing and installation of garland drainage with siltation tank around the mine lease area shall be completed before execution of the mine lease.
- 3) The PP shall register promptly through online in the Shram Suvidha Portal which is the official portal of Ministry of Labour & Employment, Govt of India to obtain Labour Identification Number (LIN) before obtaining the CTO from the TNPCB.
- 4) The PP shall abide by the mitigation and restoration measures provided in the Environment Management plan prepared for the project life.
- 5) The project proponent shall maintain 7.5m greenbelt in safety zone and such plantation should not be disturbed.
- 6) The PP shall ensure that the loaded trucks are covered with a tarpaulin cover to avoid the spillage & dust pollution while transportation.


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- 7) The PP shall abide by all the conditions as stipulated in accordance with the provisions of MMR 1961 and DGMS Circular No.7 of 1997 while carrying out the controlled blasting operations through a statutorily competent persons appointed by him.
- 8) The proponent shall carryout suppression of dust generated due to transport vehicles by continuous water spraying using tankers.
- 9) The PP shall strictly satisfy the requirements of the provisions of Mines Act 1952, the regulations of MMR 1961 and the DGMS Circulars, the Environment Act & Rules, 1986, Explosives Act 1884, Explosive rules 1983 and other laws, orders pertaining to the quarry operation without any deviation.
- 10) As accepted by the Project Proponent the CER cost is Rs. 5 Lakhs and the amount shall be spent for the activities as committed towards Government High School in 66-Mettupatti Village before obtaining CTO from TNPCB.

Agenda No: 467- 11

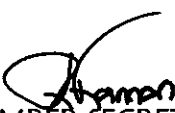
(File No: 9050/2022)

Proposed Rough Stone & Gravel quarry lease over an extent of 2.57.0Ha at SF.Nos. 843/1, 843/2, 844/1 (P), 844/2 (P) & 844/3 of Nadanthai (North) Village, Aravakurichi Taluk, Karur District, Tamil Nadu by Thiru.G.Prabakar - For Environmental Clearance. (SIA/TN/MIN/454166/2023, Dated: 04.12.2023).

Earlier the proposal was placed in the 445th meeting of SEAC held on 15.02.2024. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Project Proponent, Thiru. G. Prabakar has applied for Environmental Clearance for the proposed Rough Stone & Gravel quarry lease over an extent of 2.57.0Ha at SF. Nos. 843/1, 843/2, 844/1 (P), 844/2 (P) & 844/3 of Nadanthai (North) Village, Aravakurichi Taluk, Karur District, Tamil Nadu.
2. The proposed quarry/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. Earlier EC Issued Vide Lr.No.SEIAA-TN/F.No.3697/EC/1(a)/2710/2015 dated:08.01.2016.


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Based on the presentation and details furnished by the project proponent, SEAC decided to defer and call for additional particulars as follows,

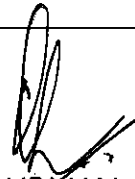
1. The PP shall submit Certified Compliance Report obtained from the office of the IRO, MoEF & CC, Chennai and the PP shall furnish appropriate mitigating measures for the non-compliance items, if any.

On receipt of the same, further deliberations shall be done. Hence, the proponent is advised to submit the details within a period of 30 days failing which the proposal will be automatically delisted from the PARIVESH Portal.

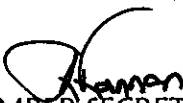
Now the proposal was placed in the 467th meeting of SEAC held on 16.05.2024.

File No.	9050/2022 SIA/TN/MIN/454166/2023, Dated: 04.12.2023	Category	B1 1(a)
Sl. No	Salient Features of the Proposal		
1.	Name of the Owner/Firm	:	Thiru.G.Prabakar, S/o. Gunasekaran, No.129/301, Dev Palace, M.G.Road, Bharathi Nagar, Karur Taluk, Karur District
2.	Type of quarrying (Ordinary Stone/Sand/Granite/Limestone)	:	Rough Stone & Gravel Quarry
3.	S.F Nos. of the quarry site	:	843/1, 843/2, 844/1(P), 844/2(P) & 844/3
4.	Village in which situated	:	Nadanthai (North)
5.	Taluk in which situated	:	Aravakurichi
6.	District in which situated	:	Karur
7.	Extent of quarry (in ha.)	:	2.57.0Ha
8.	Latitude & Longitude of all corners of the quarry site	:	10°54'35.94"N to 10°54'42.21"N 77°52'35.29"E to 77°52'41.87"E
9.	Topo Sheet No.	:	58 F/13


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10.	Type of mining	: Opencast Mechanized mining
11.	Details of Environmental Setting.	: Nearest Reserve Forest: 1. Kadavur – 50m 2. Periyamanimalai Reserve Forest – 26 Km Wild Life Sanctuary: 1.Vellode Birds Sanctuary – 43 Km Water Bodies: 1.Odai – 380 m Nearest National Highway: 1.NH-81 –Coimbatore-Chidhambaram – 6.0 Km State Highways: 1.SH-21 –Pollachi-Karur -6.0 Km Railway Station: 1.Kodumudi Railway Station – 18 Km Airport: 1.Trichy – 90 Km Nearest Habitation: 330m Town: Aravakurichi Government School: 1.Panchayat Middle School,Thulukampalayam – 1.3 Km Government Hospital: Nadanthai –2.0 Km Defense Installation/Historical Monuments/Archaeological: 1.Kodumanal Archaeological Excavation - 44.5 Km
12.	NBWL Clearance/Conservation Measures	: Letter obtained from DFO dated Na.Ka.No.1173/2023 va


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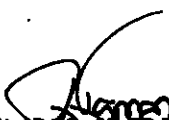

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13.	Details of Previous History	:	1.Lessee: Thiru.G.Prabakar 2.Lease Period: 20.01.2016 to 19.01.2021 (Extent: 4.51.0 Ha) 3.Earlier EC Issued Vide Lr.No.SEIAA-TN/F.No.3697/EC/1(a)/2710/2015 dated:08.01.2016. 4.445 th SEAC Meeting Dated 15.02.2024 & 703 rd SEIAA Meeting Dated 13.03.2024.	
14.	CCR If Applicable	:	CCRF.No.EP/12.1/202324/SEIAA/372/TN/57 6 Dated 26.04.2024	
15.	Date of ToR	:	Lr No.SEIAA-TN/F.No.9050/SEAC/ToR 1169/2022 Dated: 06.06.2022.	
16.	Date of Public Hearing	:	Public hearing conducted on 27.09.2023	
17.	Details of EC/ToR Granted in the Cluster.	:	Earlier EC Issued Vide Lr.No.SEIAA-TN/F.No.3697/EC/1(a)/2710/2015 dated:08.01.2016.	
18.	Life of Project	:	5 Years	
	Lease Period	:	5 Years	
	Mining Plan Period	:	5 Years	
19.	Mining Plan Details	:	As per approved Mining Plan	
	Geological Resources m ³ (RoM)	:	Rough Stone	Gravel
		:	7,89,000m ³	32,788m ³
	Minaible Resources m ³ (RoM)	:	Rough Stone	Gravel
		:	3,56,775m ³	25,912m ³
	Annual Peak Production in m ³	:	Rough Stone	Gravel
		:	36,750m ³	10,428m ³
Maximum Depth in meters	:	42m BGL		
20.	Depth of water table	:	70m bgl	
21.	Man Power requirement per day	:	24 Employees	


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22.	Water requirement: 1. Drinking & Domestic 2. Dust Suppression 3. Green belt	:	1.5KLD 0.5KLD 0.3KLD 0.7KLD														
23.	Power requirement	:	TNEB 1,70,870 Liters of HSD will be utilized for the entire project life.														
24.	Precise area communication approved by the Deputy Director, Dept. of G&M	:	Rc.No.609/Mines/2020, Dated: 21.10.2021.														
25.	Mining Plan approved by Deputy Director, Dept. of Geology & Mining.	:	Rc.No.609/Mines/2020, Dated: 25.01.2022.														
26.	500m cluster letter issued by the Deputy Director, Dept. of Geology and Mining.	:	Rc.No.609/Mines/2020, Dated: 09.02.2022.														
27.	VAO Certificate Regarding Structures within 300m Radius	:	Letter Dated:03.12.2021.														
28.	Project Cost (excluding EMP cost)	:	Rs.43,83,000														
29.	EMP cost (in Rs. Lakhs).	:	Rs.134 Lakhs														
30.	CER cost (in Rs. Lakhs).	:	Rs.5 lakhs														
31.	SEAC Recommendation.	:	Recommended														
32.	Recommended Quantities	:	<table border="1"> <tr> <td rowspan="2">Validity</td> <td colspan="2">30 years subject to the following upper limits.</td> </tr> <tr> <td>Rough Stone</td> <td>Gravel</td> </tr> <tr> <td>Max Total in m³</td> <td>1,81,195m³</td> <td>25,912m³</td> </tr> <tr> <td>Annual Max in m³</td> <td>36,750m³</td> <td>10,428m³</td> </tr> <tr> <td>Max Depth in mtrs</td> <td colspan="2">42m BGL.</td> </tr> </table>	Validity	30 years subject to the following upper limits.		Rough Stone	Gravel	Max Total in m ³	1,81,195m ³	25,912m ³	Annual Max in m ³	36,750m ³	10,428m ³	Max Depth in mtrs	42m BGL.	
Validity	30 years subject to the following upper limits.																
	Rough Stone	Gravel															
Max Total in m ³	1,81,195m ³	25,912m ³															
Annual Max in m ³	36,750m ³	10,428m ³															
Max Depth in mtrs	42m BGL.																



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33.	Standard Conditions	:	Annexure I
34.	Is the depth recommended more than 40m.	:	YES
35.	If 34 above is YES	:	Annexure II
36.	Is the proposed area located near Reserve Forest	:	NO
37.	If 36 above is YES	:	Annexure III
38.	Special Conditions	:	-

Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance for the annual peak RoM production capacity not exceeding 36,750 m³ of Rough stone and 10,428 m³ of Gravel by maintaining the restricted ultimate depth of mining of 42m BGL, subject to the standard conditions as per the Annexure I of this minutes & normal conditions stipulated by MOEF &CC, in addition to the following specific conditions:

- 1) The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier, vide MoEF&CC Notification S.O, 1807(E) dated 12.04.2022.
- 2) Tree plantation & fencing and installation of garland drainage with siltation tank around the mine lease area shall be completed before execution of the mine lease.
- 3) The PP shall register promptly through online in the Shram Suvidha Portal which is the official portal of Ministry of Labour & Employment, Govt of India to obtain Labour Identification Number (LIN) before obtaining the CTO from the TNPCB.
- 4) The PP shall abide by the mitigation and restoration measures provided in the Environment Management plan prepared for the project life.
- 5) The project proponent shall maintain 7.5m greenbelt in safety zone and such plantation should not be disturbed.


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- 6) The PP shall ensure that the loaded trucks are covered with a tarpaulin cover to avoid the spillage & dust pollution while transportation.
- 7) The PP shall abide by all the conditions as stipulated in accordance with the provisions of MMR 1961 and DGMS Circular No.7 of 1997 while carrying out the controlled blasting operations through a statutorily competent persons appointed by him.
- 8) The proponent shall carryout suppression of dust generated due to transport vehicles by continuous water spraying using tankers.
- 9) The PP shall strictly satisfy the requirements of the provisions of Mines Act 1952, the regulations of MMR 1961 and the DGMS Circulars, the Environment Act & Rules, 1986, Explosives Act 1884, Explosive rules 1983 and other laws, orders pertaining to the quarry operation without any deviation.
- 10) As accepted by the Project Proponent the CER cost is Rs. 5 Lakhs and the amount shall be spent for the activities as committed towards Panchayat Union Middle School, Thulukampalayam, Karur District before obtaining CTO from TNPCB.

Agenda No: 467-12

(File No: 10314/2023)

Proposed Rough stone & Gravel quarry lease over an extent of 1.05.0Ha at SF.No. 192/1 & 192/2 of Sathiyamangalam Village, Kulathur Taluk, Pudukkottai District, Tamil Nadu by Tvl. Veeram Stones Pvt Ltd - for Environmental Clearance.

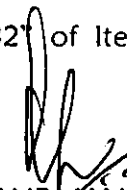
(SIA/TN/MIN/440093/2023, Dated:11.08.2023)

Earlier the proposal was placed in 414th meeting of SEAC held on 06.10.2023. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Project Proponent, Tvl.Veeram Stones Pvt Ltd has applied for Environmental Clearance for the proposed rough stone & Gravel quarry lease over an extent of 1.05.0Ha at SF.No. 192/1 & 192/2 of Sathiyamangalam Village, Kulathur Taluk, Pudukkottai District, Tamil Nadu.
2. The proposed quarry/activity is covered under Category "B2" of Item 1(a)


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“Mining Projects” of the Schedule to the EIA Notification, 2006.

3. Earlier EC issued vide – Lr.No.SEIAA-TN/F.No.8239/1(a)/EC.No:4655/2021 dated:30.04.2021.

Based on the presentation and details furnished by the project proponent, SEAC decided to defer and call for additional particulars as follows,

1. The PP shall submit Certified Compliance Report obtained from the office of the concerned IRO, MoEF & CC, Chennai and the PP shall furnish appropriate mitigating measures for the non-compliance items, if any.
2. The PP shall submit the revised quantity with reference to X-Y section of the Production & Development Plan given in the Approved Mining Plan for accommodating the safety parameters.
3. As accepted the PP shall revise CER cost to Rs.8 Lakhs.

Hence, the proponent is advised to submit the additional documents/ information as sought above within a period of 30 days failing which your proposal will automatically get delisted from the PARIVESH portal.


Now the proposal was placed in the 467th meeting of SEAC held on 16.05.2024.

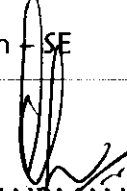
File No.	10314/2023	Category	B2
	SIA/TN/MIN/440093/2023, Dated:11.08.2023		1(a)
Sl. No	Salient Features of the Proposal		
1.	Name of the Owner/Firm	Tvl.Veeram Stones Pvt Ltd Udaiyandipatti Village : Sathiyamangalam Post Kulathur Taluk Pudukkottai District	
2.	Type of quarrying (Ordinary Stone/Sand/Granite/Limestone)	: Rough stone & Gravel quarry	
3.	S.F Nos. of the quarry site	: 192/1 & 192/2	
4.	Village in which situated	: Sathiyamangalam	
5.	Taluk in which situated	: Kulathur	


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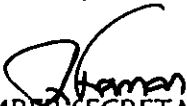

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6.	District in which situated	: Pudukkottai
7.	Extent of quarry (in ha.)	: 1.05.0Ha
8.	Latitude & Longitude of all corners of the quarry site	: 10°28'03.76"N to 10°28'09.91"N 78°45'55.30"E to 78°46'00.35"E
9.	Topo Sheet No.	: 58 J/15
10.	Type of mining	: Opencast Semi-mechanized Mining
11.	Details of Environmental Setting.	<p>Nearest Sanctuary: Vettangudi Birds Sanctuary – 48.19 Km – SW</p> <p>Nearest Reserve Forest: Narthamalai RF – 2.76 Km - N</p> <p>Nearest town / city: Pudukkottai – 8.18 km – SE</p> <p>Nearest highway:</p> <p>1. NH 336 – Trichy to Pudukkottai Road – 1.39 Km</p> <p>2. MDR - Sithannavasal road – 1.96 km – SW</p> <p>Nearest railway station:</p> <p>1. Vellanur Railway Station – 3.35 km, E</p> <p>Nearest Airport:</p> <p>Tiruchirapalli International Airport – 32.95 km – N</p> <p>Nearest Water Bodies:</p> <p>Kulamuthi Kulam – 0.50 Km – NE</p> <p>1. Peria Vellala Kulam – 0.55 Km – SSW</p> <p>2. Melur Urani – 0.64 Km - E</p> <p>3. Pai Kulam – 0.61 Km – SE</p> <p>4. Alan Kulam – 0.66 Km – S</p> <p>5. Mel Kulam – 1.18 Km – S</p> <p>6. Kili Kulam – 1.44 Km – E</p> <p>7. Temple Pond – 1.70 Km – W</p> <p>8. Thottiya Kulam – 1.96 Km – SE</p>


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		9.Kila Kulam – 1.98 Km - SE 10. Vellanur local Pond – 2.76 Km – SE 11. Perunjunai Lake – 4.75 Km – SSW 12. Melakulam – 5.07 Km – SW 13. Thiruvengainathar Lake – 5.61 Km – S 14. Annavasal Periyakulam Lake – 7.0 Km – W 15. Kavinadu Kanmai – 9.67 Km – S	
12.	NBWL Clearance/ Conservation Measures	-	
13.	Details of Previous History	: Earlier Operated Period – 2017 to 2022	
14.	CCR If Applicable	: CCR obtained vide Letter No: EP/12.1/2023-24/SEIAA/127/TN/176 dated 14.02.2024	
15.	Life of Project	: 10 Years (Including existing quarry operation 5 Years)	
	Lease Period	: 5 Years	
	Mining Plan Period	: 5 Years	
16.	Mining Plan Details	: As per approved Mining Plan	
	Geological Resources m ³ (RoM)	: Rough stone	Gravel
		: 5,09,760m ³	420m ³
	Mirable Resources m ³ (RoM)	: Rough stone	Gravel
		: 46,539m ³	-
	Annual Peak Production in m ³	: Rough stone	Gravel
: 12,880 m ³		-	
Maximum Depth in meters	: 37.0m (2.0m Gravel+ 35m Rough stone)		
17.	Depth of water table	: 70m in rainy season - 75m in summer season	
18.	Man Power requirement per day:	: 32 Employees	
19.	Water requirement:	: 2.5 KLD	


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	1. Drinking & Domestic 2. Dust Suppression 3. Green belt	1.5 KLD 0.5 KLD 0.5 KLD	
20.	Power requirement	TNEB : 64,800 Liters of HSD for the entire period of life	
21.	Precise area communication approved by the Assistant Director, Department of G&M.	Na.Ka.No.722/2022(G&M), : Dated:07.03.2023	
22.	Mining Plan approved by Assistant Director, Department of G&M.	Rc.No. 722/2022(G&M), Dated:07.06.2023 :	
23.	500m Cluster Letter approved by the Assistant Director, Department of G&M.	Rc.No. 722/2022(G&M), Dated:02.06.2023 :	
24.	VAO Certificate Regarding Structures within 300m Radius	: Letter Furnished Dated: Nil	
25.	Project Cost (excluding EMP cost)	: Rs. 32,60,000/-	
26.	EMP cost (in Rs. Lakhs).	: Rs.57,76,432	
27.	CER cost (in Rs. Lakhs).	: Rs. 8,00,000	
28.	SEAC Recommendation.	: Recommended	
29.	Recommended Quantities	: Validity	30 years subject to the following upper limits.
			Rough stone
		: Max Total in m ³	46539m ³
		: Annual Max in m ³	12,880m ³
	: Max Depth in mtrs	37.0m (2.0m Gravel+ 35m Rough stone)	
30.	Standard Conditions	: Annexure I	


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31.	Is the depth recommended more than 40m.	:	NO
32.	If 30 above is YES	:	Special Conditions II
33.	Is the proposed area located near Reserve Forest	:	NO
34.	If 32 above is YES	:	Special Conditions III
35.	Other Special Conditions	:	-

Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance for the annual peak production capacity shall not exceed 12,880 m³ of Rough stone for the ultimate depth of mining up to 37 m (2.0m Gravel+ 35m Rough stone) for the project life of 5 years (or) expiry date of mine lease but subject to a maximum of thirty years, whichever is earlier, subject to the standard conditions as per the Annexure I of this minutes & normal conditions stipulated by MOEF &CC, in addition to the following specific conditions:

- 1) The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier, vide MoEF&CC Notification S.O, 1807(E) dated 12.04.2022.
- 2) Tree plantation & fencing and installation of garland drainage with siltation tank around the mine lease area shall be completed before execution of the mine lease.
- 3) The PP shall register promptly through online in the Shram Suvidha Portal which is the official portal of Ministry of Labour & Employment, Govt of India to obtain Labour Identification Number (LIN) before obtaining the CTO from the TNPCB.
- 4) The PP shall abide by the mitigation and restoration measures provided in the Environment Management plan prepared for the project life.
- 5) The project proponent shall maintain 7.5m greenbelt in safety zone and such plantation should not be disturbed.


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- 6) The PP shall ensure that the loaded trucks are covered with a tarpaulin cover to avoid the spillage & dust pollution while transportation.
- 7) The PP shall abide by all the conditions as stipulated in accordance with the provisions of MMR 1961 and DGMS Circular No.7 of 1997 while carrying out the controlled blasting operations through a statutorily competent persons appointed by him.
- 8) The proponent shall carryout suppression of dust generated due to transport vehicles by continuous water spraying using tankers.
- 9) The PP shall strictly satisfy the requirements of the provisions of Mines Act 1952, the regulations of MMR 1961 and the DGMS Circulars, the Environment Act & Rules, 1986, Explosives Act 1884, Explosive rules 1983 and other laws, orders pertaining to the quarry operation without any deviation.
- 10) As accepted by the Project Proponent the CER cost is Rs. 8 Lakhs and the amount shall be spent for the activities as committed towards Panchayat Union Primary School, Sathiyamangalam Village, Kulathur Taluk, Pudukkottai District before obtaining CTO from TNPCB.

Agenda No: 467-13

(File No: 10822/2024)

Proposed Rough Stone and Gravel quarry over an extent of 2.10.5 Ha at S.F.Nos. 18/1, 20/1B, 21 & 23 of Manickampatti Village, Vadipatti Taluk, Madurai District, Tamil Nadu by Thiru. T. Ravichandran - For Terms of Reference.

(SIA/TN/MIN/464282/2024, Dated: 12.04.2024)

The proposal was placed for appraisal in this 467th meeting of SEAC held on 16.05.2024. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Project Proponent, Thiru. T. Ravichandran has applied seeking Terms of Reference for the proposed Rough Stone and Gravel quarry over an extent of 2.10.5 Ha at S.F.Nos. 18/1, 20/1B, 21 & 23 of Manickampatti Village, Vadipatti Taluk, Madurai District, Tamil Nadu.
2. The proposed quarry/activity is covered under Category "B1" of Item 1(a)


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“Mining Projects” of the Schedule to the EIA Notification, 2006, as amended.

3. The precise area communication was issued for the period of 10 Years. The approved mining plan is for 10 Years. As per the approved mine plan, the annual peak production shall not exceed 15,600 m³ of Rough Stone (5th year) and 18,290 m³ of Gravel (2nd year) for an ultimate depth of 25m below ground level.

Based on the presentation and the documents furnished by the project proponent, the SEAC decided to grant the Terms of Reference with following special conditions:

1. The PP shall obtain wetland conversion certificate for the Survey No. 21 from the District Collector, Madurai for the proposed quarrying activity.
2. The Proponent shall complete the garland drainage around the boundary of the proposed quarry and the photographs indicating the same shall be furnished.
3. The PP shall complete the fencing, tree plantation and photographs, videos of the same shall be furnished.
4. The PP shall mark the DGPS reference pillars painted with blue & white colour indicating the safety barrier of 7.5 m to be left under the Rule 13 (1) of MCDR, 1988 within the lease boundary and protective bunds, and provide the details.

Agenda No: 467-14

(File No: 10826/2024)

Proposed Rough Stone and Gravel quarry over an extent of 2.23.12 Ha at S.F.Nos. 207/4B, 5B, 6B, 7B, 8B, 9, 208/1A, 2A, 2B1, 2B2, 5A, 5C, 5D, 5E, 5F, 5G, 212/1L, 1M, 1N of Pazhaveri Village, Uthiramerur Taluk, Kancheepuram District, Tamil Nadu by M/s. APK Minerals Private Limited - For Terms of Reference.

(SIA/TN/MIN/469805/2024, Dated: 22.04.2024)

The proposal was placed for appraisal in this 467th meeting of SEAC held on 16.05.2024. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Project Proponent, M/s. APK Minerals Private Limited has applied seeking Terms of Reference for the proposed Rough Stone and Gravel quarry over an extent of 2.23.12 Ha at S.F.Nos. 207/4B, 5B, 6B, 7B, 8B, 9, 208/1A, 2A, 2B1, 2B2, 5A, 5C, 5D, 5E, 5F, 5G, 212/1L, 1M, 1N of Pazhaveri Village, Uthiramerur


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Taluk, Kancheepuram District, Tamil Nadu.

2. The proposed quarry/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006, as amended.
3. The precise area communication was issued for the period of 10 Years. The approved mining plan is for 10 Years for without common boundary working. As per the approved mine plan, the annual peak production shall not exceed 68,890 m³ of Rough Stone (4th year) and 15,312 m³ of Gravel (3rd year) for an ultimate depth of 32m.

Based on the presentation made by the project proponent, SEAC decided to recommend for grant of Terms of Reference (TOR) with Public Hearing for the production quantity of 1,83,780 m³ of Rough Stone & 31,776 m³ of Gravel for a period of 10 years, the annual peak production capacity not exceeding 68,890 m³ of Rough Stone & 15,312 m³ of Gravel and the ultimate depth of mining upto 32m, subject to the following TORs, in addition to the standard terms of reference for EIA study for non-coal mining projects and details issued by the MOEF & CC and additional ToR conditions given in ANNEXURE-I are to be included in EIA/EMP Report:

1. This ToR is issued for the specified lease area without common boundary. Accordingly the PP shall furnish the Modified Mining Plan, duly approved by the authority concerned, accommodating the revised quantity to be excavated keeping the boundary as required to be maintained in accordance with the provisions of the Tamil Nadu Minor Mineral Concessional Rules 1959.

Agenda No: 467-15

(File No: 10602/2023)

Proposed Ordinary Earth quarry over an extent of 2.95.50 Ha at S.F.Nos. 251(P), 252/4, 252/5 & 252/6 of Dharugapuram Village, Sivagiri Taluk, Tenkasi District, Tamil Nadu by Thiru. S. Ramesh – For Environmental Clearance.

(SIA/TN/MIN/454663/2023, Dated: 20.12.2023)

The proposal was placed for appraisal in this 467th meeting of SEAC held on 16.05.2024. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:


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1. The project proponent, Thiru. S. Ramesh has applied for Environmental Clearance for the Proposed Ordinary Earth quarry over an extent of 2.95.50 Ha at S.F.Nos. 251(P), 252/4, 252/5 & 252/6 of Dharugapuram Village, Sivagiri Taluk, Tenkasi District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The precise area communication was issued for the period of 3 Years. The approved mining plan is for 3 Years. As per the approved mine plan, the annual peak production shall not exceed 15,183 m³ of Ordinary Earth for an ultimate depth of 2m below ground level.
4. Earlier, the proposal was placed for appraisal in the 448th meeting of SEAC held on 23.02.2024. Based on the presentation and the documents furnished by the project proponent, the SEAC decided to accept the request made by the project proponent to defer the presentation due to non-availability of basic information and defer the proposal.

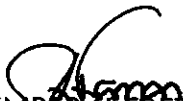
On receipt of the above details, the SEAC would further deliberate on this project and decide the further course of action.

5. The project proponent vide letter dated 29.04.2024 has submitted the following details:
 - i) Letter from AD mines, Mines, Tenkasi stating Ordinary Earth instead of earth and there are no odai, Kanmoi, river and any other water bodies situated adjoining to the applied lease area was obtained on dated: 06.03.2023.
 - ii) Fencing and plantation was carried out and the copy of photograph is given.

Hence, the proposal was again placed in the 467th meeting of SEAC held on 16.05.2024.

The salient features of the proposal are as follows:

File No.	10602 / 2023	Category	B2
	454663 / 2023		1(a)


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Sl. No	Salient Features of the Proposal	
1.	Name of the Owner/Firm	: Thiru. S. Ramesh, S/o. Sankaran, D.No.33/3, Santhai Street, Singilipatti Village, Chokkampatti Post, Kadayanallur Taluk, Tenkasi District - 627 751.
2.	Type of quarrying (Ordinary Stone/Sand/Granite/Limestone)	: Ordinary Earth
3.	S.F Nos. of the quarry site	: 251(P), 252/4, 252/5 & 252/6
4.	Village in which situated	: Dharugapuram
5.	Taluk in which situated	: Sivagiri
6.	District in which situated	: Tenkasi
7.	Extent of quarry (in ha.)	: 2.95.50 Ha
8.	Latitude & Longitude of all corners of the quarry site	: 09°13'10.44"N to 09°13.18'37"N 77°26'26.96"E to 77°26'31.47"E
9.	Topo Sheet No.	: 58 – G/8
10.	Type of mining	: Opencast Semi Mechanized Mining
11.	Details of Environmental Setting.	: <u>Reserve Forest:</u> Vasudevanallur RF – 7km, NW <u>Wild Life Sanctuary:</u> Nellai Wildlife Sanctuary – 7km, W <u>Habitations:</u> Dharugapuram – 860m, SW <u>Water bodies:</u> Kanmai – 300m, E Kottaimalai Ar. – 2.1km, S Nikshepa Nadi – 4.5km, NE <u>Structures:</u>


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		Individual Small Temple like structure - 50m - SW Brick Unit - 200m - W Shed - 295m & 305m - N Pump Shed - 375m - NW	
12.	NBWL Clearance/ Conservation Measures	Nil	
13.	Details of Previous History	: Nil	
14.	CCR If Applicable	: Nil	
15.	Life of Project	: 3 years	
	Lease Period	: 3 years	
	Mining Plan Period	: 3 years	
16.	Mining Plan Details	: As per approved Mining Plan	As modified by SEAC
	Geological Resources m ³ (RoM)	: Ordinary Earth	Ordinary Earth
		: 58,502 m ³	-
	Mirable Resources m ³ (RoM)	: Ordinary Earth	Ordinary Earth
		: 45,472 m ³	-
	Annual Peak Production in m ³	: Ordinary Earth	Ordinary Earth
: 15,183 m ³		-	
Maximum Depth in meters	: 2m below ground level	-	
17.	Depth of water table	: 60m below ground level	
18.	Man Power requirement per day:	: 5 Nos.	
19.	Water requirement:	3.0 KLD	
	1. Drinking & Domestic	: 0.5 KLD	
	2. Dust Suppression	: 1.5 KLD	
	3. Green belt	: 1.0 KLD	
20.	Power requirement	: TNEB	


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21.	Precise area communication approved by the Joint Director / Assistant Director (i/c), Dept. of Geology & Mining.	:	Rc.No.M1/165/2023, Dated: 02.11.2023
22.	Mining Plan approved by the Joint Director / Assistant Director (i/c), Dept. of Geology & Mining.	:	Rc.No.M1/165/2023, Dated: 14.11.2023
23.	500m cluster letter issued by the Joint Director / Assistant Director (i/c), Dept. of Geology and Mining.	:	Rc.No.M1/165/2023, Dated: 14.11.2023
24.	VAO Certificate Regarding Structures within 300m Radius	:	Letter dated 07.11.2023
25.	Project Cost (excluding EMP cost)	:	Rs. 31,74,000/-
26.	EMP cost (in Rs. Lakhs).	:	Capital Cost - Rs. 11.37 Lakhs Recurring Cost - Rs. 3.92 Lakhs
27.	CER cost (in Rs. Lakhs).	:	Rs. 2,50,000/-
28.	SEAC Recommendation.	:	Recommended.
29.	Recommended Quantities	:	Ordinary Earth
		:	Max Total RoM in m ³ 45,472 m ³
		:	Annual Max RoM in m ³ 15,183 m ³
		:	Ultimate Depth in mtrs 2m below ground level
30.	Standard Conditions	:	Annexure I


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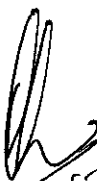

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31.	Is the depth recommended more than 40m.	:	NO
32.	If 30 above is YES	:	Special Conditions II
33.	Is the proposed area located near Reserve Forest	:	YES Vasudevanallur RF – 7km, NW
34.	If 32 above is YES	:	Special Conditions III
35.	Other Special Conditions	:	NA

Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance for the annual peak production capacity not exceeding 15,183 m³ of Ordinary Earth by maintaining the ultimate depth of mining up to 2m below ground level for the project life of 3 years (or) expiry date of mine lease, whichever is earlier, from the date of lease execution, subject to the standard conditions as per the Annexure I of this minutes & normal conditions stipulated by MOEF&CC, in addition to the following specific conditions:

- 1) The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier, vide MoEF&CC Notification S.O, 1807(E) dated 12.04.2022.
- 2) The PP shall complete the quarrying operations within a period of 3 years from the date of issue of EC.
- 3) The PP shall ensure that the loaded trucks are covered with a tarpaulin cover to avoid the spillage & dust pollution while transportation.
- 4) The PP shall not carry out drilling & blasting operations in the proposed quarry.
- 5) The PP shall install a 'Bio-toilet' and Rest shelter facility for the persons employed in the mine before obtaining the CTO from the TNPCB.
- 6) As accepted by the Project Proponent the CER cost of Rs. 2.50 Lakhs and the amount shall be spent for the below activities as committed, before obtaining CTO from TNPCB.


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Activities	CER cost (Rs)
Provision of the following facilities in Maveeran Poolithevan Government Higher Secondary School, Nelkattumseval Village. <ul style="list-style-type: none"> • Tree plantation (100 no's) • Repairing of Toilets and its maintaining during the lease period • Providing Drinking water facility, Ceiling Fan • Library rack with books 	Rs.1,50,000/-
<ul style="list-style-type: none"> • Conservation and EMP measure for Nellai Wildlife Sanctuary 	Rs.1,00,000/-
Total	Rs.2,50,000/-

Agenda No: 467-16

(File No: 10686/2024)

Proposed Rough Stone and Gravel quarry over an extent of 1.47.0 Ha at S.F.Nos. 34/1, 34/2, 34/3, 34/4, 34/5B, 34/8A & 34/15 of Vadapoondipattu Village, Cheyyar Taluk, Tiruvannamalai District, Tamil Nadu by Thiru. D. Vijayan – For Environmental Clearance. (SIA/TN/MIN/458465/2024, Dated: 22.01.2024)


The proposal was placed for appraisal in this 467th meeting of SEAC held on 16.05.2024. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru. D. Vijayan has applied for Environmental Clearance for the Proposed Rough Stone and Gravel quarry over an extent of 1.47.0 Ha at S.F.Nos. 34/1, 34/2, 34/3, 34/4, 34/5B, 34/8A & 34/15 of Vadapoondipattu Village, Cheyyar Taluk, Tiruvannamalai District, Tamil Nadu.
2. The project/activity is covered under Category “B2” of Item 1(a) “Mining of Minerals Projects” of the Schedule to the EIA Notification, 2006.
3. Earlier, the proposal was placed for appraisal in the 455th meeting of SEAC held on 27.03.2024. Based on the presentation and the documents furnished by the project proponent, the SEAC decided to call for the following details from the project proponent:


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1) The proponent is requested to carry out a survey and enumerate on the structures located within the radius of (i) 50 m, (ii) 100 m, (iii) 200 m and (iv) 300 m (v) 500m shall be enumerated with details such as dwelling houses with number of occupants, whether it belongs to the owner (or) not, places of worship, industries, factories, sheds, etc with indicating the owner of the building, nature of construction, age of the building, number of residents, their profession and income, etc.

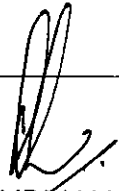
On receipt of the above details, the SEAC would further deliberate on this project and decide the further course of action. Hence, the Proponent is advised to submit the additional documents/information as sought above within the period of 30 days failing which your proposal will automatically get delisted from the PARIVESH portal.

4. The project proponent vide letter dated 28.03.2024 furnished the reply as follows.

S.No	SEAC Query	Reply
1.	The proponent is requested to carry out a survey and enumerate on the structures located within the radius of (i) 50 m, (ii) 100 m, (iii) 200 m and (iv) 300 m (v) 500m shall be enumerated with details such as dwelling houses with number of occupants, whether it belongs to the owner (or) not, places of worship, industries, factories, sheds, etc with indicating the owner of the building, nature of construction, age of the building, number of residents, their profession and income, etc.	The poultry farm located at the distance of 137m in the south-western direction of the proposed site is belongs to my relative and presently the same is not in operation. In this regard, I hereby giving assurance that after the commencement of the proposed quarrying operations, the poultry farm shed which is located at the distance of 137m in the south-western direction will be used as labour shed for the labours employed in my quarrying activities.


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The Project Proponent vide letter dated 15.05.2024 has requested the Committee to defer their proposal, since, the proponent was not able to attend the meeting due to health issues. Hence, the Committee decided to defer the proposal.

Agenda No: 467-17

(File No: 10711/2024)


Proposed Gravel with Pebbles and Cobbles Quarry over an extent of 4.00.78 Ha at S.F.Nos. 103/2A1A3, 103/2A1A2, 103/2A1B, 103/2A1A1, 103/2A2, 103/2A3, 108/1A, 108/1B, 108/1C, 108/1D, 108/1E, 108/1F, 108/1G, 108/1H, 108/1I, 108/1J, 108/2B, 108/2C, 108/2D, 108/2E, 108/2F, 108/3C, 108/3D, 108/3E, 108/4B, 108/4C, 108/4D, 109/1B, 109/2B, 109/3A1A, 109/3B, 109/3D, 109/3E, 109/3A1B, 109/1A2, 109/1A3, 109/2A, 109/3A2, 109/3A3, 109/3A4, 109/3A5, 109/3A6, 110/1A1B, 110/1B, 110/1D, 110/1C, 110/1A1A & 109/3F of Ramapuram Village, Tiruttani Taluk, Tiruvallur District, Tamil Nadu by Thiru. M. Gopal – For Environmental Clearance.

(SIA/TN/MIN/462675/2024, Dated: 13.02.2024)

The proposal was placed for appraisal in this 467th meeting of SEAC held on 16.05.2024. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru. M. Gopal has applied for Environmental Clearance for the Proposed Gravel with Pebbles and Cobbles Quarry over an extent of 4.00.78 Ha at S.F.Nos. 103/2A1A3, 103/2A1A2, 103/2A1B, 103/2A1A1, 103/2A2, 103/2A3, 108/1A, 108/1B, 108/1C, 108/1D, 108/1E, 108/1F, 108/1G, 108/1H, 108/1I, 108/1J, 108/2B, 108/2C, 108/2D, 108/2E, 108/2F, 108/3C, 108/3D, 108/3E, 108/4B, 108/4C, 108/4D, 109/1B, 109/2B, 109/3A1A, 109/3B, 109/3D, 109/3E, 109/3A1B, 109/1A2, 109/1A3, 109/2A, 109/3A2, 109/3A3, 109/3A4, 109/3A5, 109/3A6, 110/1A1B, 110/1B, 110/1D, 110/1C, 110/1A1A & 109/3F of Ramapuram Village, Tiruttani Taluk, Tiruvallur District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The precise area communication was issued for the period of One year and six months. The approved mining plan is for One year and six months. As per the


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approved mine plan, the annual peak production shall not exceed 50,814 m³ ROM which includes 40,651.2 m³ of Gravel (@80%), 5081.4 m³ of Pebbles (@10%) & 5081.4 m³ of Cobbles (@10%) for an ultimate depth of 2m below ground level.

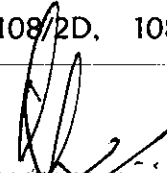
4. Earlier, the proposal was placed for appraisal in the 461st meeting of SEAC held on 25.04.2024. Based on the presentation and the documents furnished by the project proponent, the SEAC noticed that the following S.F. Nos. 103/2A1B, 109/2A, 109/3A2, 109/3A3, 109/3A4, 109/3A5, 109/3A6 & 109/3F are missing in the registered lease agreement. Hence, the PP is requested to include the missing S.F. Nos. in the lease agreement and furnish the revised registered lease agreement.
5. The project proponent vide letter dated 09.05.2024 furnished the revised registered lease agreement by including the missing S.F. Nos. 103/2A1B, 109/2A, 109/3A2, 109/3A3, 109/3A4, 109/3A5, 109/3A6 & 109/3F.

Hence, the proposal was again placed in the 467th meeting of SEAC held on 16.05.2024.

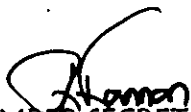
The salient features of the proposal are as follows:

File No.	10711 / 2024	Category	B2
	462675 / 2024		1(a)
Sl. No	Salient Features of the Proposal		
1.	Name of the Owner/Firm	:	Thiru. M. Gopal, S/o. Mahalingam, No.70, 3 rd Street, Ayyanarpuram, Pudukkottai District – 622 001.
2.	Type of quarrying (Ordinary Stone/Sand/Granite/Limestone)	:	Gravel with Pebbles and Cobbles
3.	S.F Nos. of the quarry site	:	103/2A1A3, 103/2A1A2, 103/2A1B, 103/2A1A1, 103/2A2, 103/2A3, 108/1A, 108/1B, 108/1C, 108/1D, 108/1E, 108/1F, 108/1G, 108/1H, 108/1I, 108/1J, 108/2B, 108/2C, 108/2D, 108/2E.


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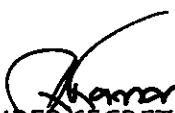

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		108/2F, 108/3C, 108/3D, 108/3E, 108/4B, 108/4C, 108/4D, 109/1B, 109/2B, 109/3A1A, 109/3B, 109/3D, 109/3E, 109/3A1B, 109/1A2, 109/1A3, 109/2A, 109/3A2, 109/3A3, 109/3A4, 109/3A5, 109/3A6, 110/1A1B, 110/1B, 110/1D, 110/1C, 110/1A1A & 109/3F
4.	Village in which situated	: Ramapuram
5.	Taluk in which situated	: Tiruttani
6.	District in which situated	: Tiruvallur
7.	Extent of quarry (in ha.)	: 4.00.78 Ha
8.	Latitude & Longitude of all corners of the quarry site	: 13°10'20.74"N to 13°10'34.09"N 79°42'14.82"E to 79°42'23.40"E
9.	Topo Sheet No.	: 57 – O/12
10.	Type of mining	: Opencast Mechanized Mining
11.	Details of Environmental Setting.	Reserve Forest: Kolathur R.F – 1.8 km – SE Wild Life Sanctuary: Karikili Birds Sanctuary – 64Km – SE Water bodies: Vaikkal – NW – 50m safety distance maintained Tank – 230m – W Tank – 540m – S Channel – 600m – NW Kusasthalai River – 1.7km – NE Habitations: 325m - E
12.	NBWL Clearance/ Conservation Measures	NA
13.	Details of Previous History	: It is Fresh Lease Application
14.	CCR If Applicable	: NA


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15.	Life of Project	:	One year and six months	
	Lease Period	:	One year and six months	
	Mining Plan Period	:	One year and six months	
16.	Mining Plan Details	:	As per approved Mining Plan	As modified by SEAC
	Geological Resources m ³ (RoM)	:	Gravel with Pebbles and Cobbles	Gravel with Pebbles and Cobbles
		:	80,156 m ³ ROM which includes 64,124.8 m ³ of Gravel (@80%), 8015.6 m ³ of Pebbles (@10%) & 8015.6 m ³ of Cobbles (@10%)	-
	Minaable Resources m ³ (RoM)	:	Gravel with Pebbles and Cobbles	Gravel with Pebbles and Cobbles
		:	61,920 m ³ ROM which includes 49,536 m ³ of Gravel (@80%), 6192 m ³ of Pebbles (@10%) & 6192 m ³ of Cobbles (@10%)	-
	Annual Peak Production in m ³	:	Gravel with Pebbles and Cobbles	Gravel with Pebbles and Cobbles
:		50,814 m ³ ROM which includes 40,651.2 m ³ of Gravel (@80%), 5081.4 m ³ of Pebbles (@10%) & 5081.4 m ³ of Cobbles (@10%)	-	


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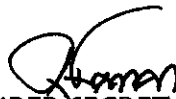
	Maximum Depth in meters	:	2m below ground level
17.	Depth of water table	:	44m-49m below ground level
18.	Man Power requirement per day:	:	13 Nos.
19.	Water requirement: 1. Drinking & Domestic 2. Dust Suppression 3. Green belt	:	2.0 KLD 0.2 KLD 1.0 KLD 0.8 KLD
20.	Power requirement	:	TNEB 10320 Liters of HSD
21.	Precise area communication approved by the Deputy Director, Dept. of Geology & Mining.	:	Rc.No.412/2023/G&M-2, Dated: 22.12.2023
22.	Mining Plan approved by the Assistant Director, Dept. of Geology & Mining.	:	Rc.No.412/2023/G&M-2 dated: 02.02.2024
23.	500m cluster letter issued by the Assistant Director, Dept. of Geology and Mining.	:	Rc.No.412/2023/G&M-1 dated: 02.02.2024
24.	VAO Certificate Regarding Structures within 300m Radius	:	Letter dated 22.01.2024
25.	Project Cost (excluding EMP cost)	:	Rs. 1,18,33,000/-
26.	EMP cost (in Rs. Lakhs).	:	Capital Cost - Rs. 17,02,716/- Recurring Cost - Rs. 6,49,499/-
27.	CER cost (in Rs. Lakhs).	:	Rs. 2,00,000/-
28.	SEAC Recommendation.	:	Recommended.

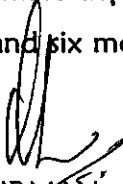

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29.	Recommended Quantities	:	Gravel with Pebbles and Cobbles
		:	Max Total RoM in m ³
		:	Annual Max RoM in m ³
		:	Ultimate Depth in mtrs
			61,920 m ³ ROM which includes 49,536 m ³ of Gravel (@80%), 6192 m ³ of Pebbles (@10%) & 6192 m ³ of Cobbles (@10%)
			50,814 m ³ ROM which includes 40,651.2 m ³ of Gravel (@80%), 5081.4 m ³ of Pebbles (@10%) & 5081.4 m ³ of Cobbles (@10%)
			2m below ground level
30.	Standard Conditions	:	Annexure I
31.	Is the depth recommended more than 40m.	:	NO
32.	If 30 above is YES	:	Special Conditions II
33.	Is the proposed area located near Reserve Forest	:	YES Kolathur R.F – 1.8 km – SE
34.	If 32 above is YES	:	Special Conditions III
35.	Other Special Conditions	:	NA

Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance for the production quantity of 61,920 m³ ROM which includes 49,536 m³ of Gravel (@80%), 6192 m³ of Pebbles (@10%) & 6192 m³ of Cobbles (@10%) & the ultimate depth of mining upto 2m below ground level for the project life of One year and six months


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only (or) expiry date of mine lease, whichever is earlier, subject to the standard conditions as per the Annexure I of this minutes & normal conditions stipulated by MOEF&CC, in addition to the following specific conditions:

- 1) The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier, vide MoEF&CC Notification S.O. 1807(E) dated 12.04.2022.
- 2) The PP shall complete the quarrying operations within a period of One year and six months from the date of issue of EC.
- 3) The PP shall ensure that the loaded trucks are covered with a tarpaulin cover to avoid the spillage & dust pollution while transportation.
- 4) The PP shall not carry out drilling & blasting operations in the proposed quarry.
- 5) The PP shall install a 'Bio-toilet' and Rest shelter facility for the persons employed in the mine before obtaining the CTO from the TNPCB.
- 6) As accepted by the Project Proponent the CER cost of Rs. 2 Lakhs and the amount shall be spent for the activities as committed towards Panchayat Union Primary School, Ramapuram Village, Tiruttani Taluk, Tiruvallur District, before obtaining CTO from TNPCB.

Agenda No: 467-18

(File No: 10845/2024)

Proposed Ordinary Earth quarry over an extent of 3.58.90 Ha (Government Poramboke Land) at S.F.No. 69 (Part) (Periya Tank) of Iraniyachithi Village, Cheyyur Taluk, Chengalpattu District, Tamil Nadu by M/s. JSRIDPL – ARIPL (JV), M/s. JSR Infra Developers Private Limited – For Environmental Clearance.

(SIA/TN/MIN/471017/2024, Dated: 30.04.2024)

The proposal was placed for appraisal in this 467th meeting of SEAC held on 16.05.2024. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, M/s. JSRIDPL – ARIPL (JV), M/s. JSR Infra Developers


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Private Limited has applied for Environmental Clearance for the Proposed Ordinary Earth quarry over an extent of 3.58.90 Ha (Government Poramboke Land) at S.F.No. 69 (Part) (Periya Tank) of Iraniyachithi Village, Cheyyur Taluk, Chengalpattu District, Tamil Nadu.


2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The precise area communication was issued for the period of 90 days. The approved mining plan is for 90 days. As per the approved mine plan, the production shall not exceed 30,000 m³ of Ordinary Earth for an ultimate depth of 0.90m below ground level.
4. The salient features of the proposal are as follows:

File No.	10845 / 2024	Category	B2
	471017 / 2024		1(a)
Sl. No	Salient Features of the Proposal		
1.	Name of the Owner/Firm	:	M/s. JSRIDPL – ARIPL (JV), M/s. JSR Infra Developers Private Limited, No.17, Vijayaragava Road, T.Nagar, Chennai - 600 017.
2.	Type of quarrying (Ordinary Stone/Sand/Granite/Limestone)	:	Ordinary Earth
3.	S.F Nos. of the quarry site	:	69 (Part) (Periya Tank)
4.	Village in which situated	:	Iraniyachithi
5.	Taluk in which situated	:	Cheyyur
6.	District in which situated	:	Chengalpattu
7.	Extent of quarry (in ha.)	:	3.58.90 Ha (Government Poramboke Land)
8.	Latitude & Longitude of all corners of the quarry site	:	12°25'25.87"N to 12°25.31'41"N 80°00'09.94"E to 80°00'27.40"E
9.	Topo Sheet No.	:	66 – D/03


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10.	Type of mining	:	Opencast Mechanized Mining	
11.	Details of Environmental Setting.	:	<u>Reserve Forest:</u> Sitharkadu RF - 9.91 Km Salur RF – 17.1km, N <u>Wild Life Sanctuary:</u> Karikili Bird Sanctuary - 25.74 Km Vendathangal Bird Sanctuary - 18.2 Km <u>Nearest Habitation:</u> 350m - SE	
12.	NBWL Clearance/ Conservation Measures	:	NA	
13.	Details of Previous History	:	It's a Fresh quarry	
14.	CCR If Applicable	:	NA	
15.	Life of Project	:	90 days	
	Lease Period	:	90 days	
	Mining Plan Period	:	90 days	
16.	Mining Plan Details	:	As per approved Mining Plan	As modified by SEAC
	Geological Resources m ³ (RoM)	:	Ordinary Earth	Ordinary Earth
		:	30,005.1 m ³	-
	Movable Resources m ³ (RoM)	:	Ordinary Earth	Ordinary Earth
		:	30,005.1 m ³	-
	Annual Peak Production in m ³	:	Ordinary Earth	Ordinary Earth
:		-	-	
Maximum Depth in meters	:	0.90m below ground level	-	
17.	Depth of water table	:	26m-31m below ground level	
18.	Man Power requirement per day:	:	14 Nos.	
19.	Water requirement:	:	-	


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	1. Drinking & Domestic 2. Dust Suppression 3. Green belt		
20	Power requirement	:	TNEB 5000 Liters of HSD
21.	Precise area communication approved by the District Collector	:	Na.Ka.No.62/Kanimam/2023, Dated:07.03.2024
22.	Mining Plan approved by the Deputy Director (Addl. Charge), Dept. of Geology & Mining.	:	RC.No.62/Mines/2023, Dated: 13.03.2024
23.	500m cluster letter issued by the Deputy Director (Addl. Charge), Dept. of Geology and Mining.	:	Roc.No.62/Mines/2023, Dated: 22.04.2024
24.	VAO Certificate Regarding Structures within 300m Radius	:	Letter dated 24.04.2024
25.	Project Cost (excluding EMP cost)	:	Rs. 11,83,000/-
26.	EMP cost (in Rs. Lakhs).	:	Rs. 70,000/-
27.	CER cost (in Rs. Lakhs).	:	Rs. 3,00,000/-
28.	SEAC Recommendation.	:	Recommended.
29.	Recommended Quantities	:	Ordinary Earth
		:	Max Total RoM in m ³ 30,000 m ³
		:	Annual Max RoM in m ³ -


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		:	Ultimate Depth in mtrs	0.90m below ground level
30.	Standard Conditions	:	Annexure I	
31.	Is the depth recommended more than 40m.	:	NO	
32.	If 30 above is YES	:	Special Conditions II	
33.	Is the proposed area located near Reserve Forest	:	YES Sitharkadu RF - 9.91 Km	
34.	If 32 above is YES	:	Special Conditions III	
35.	Other Special Conditions	:	NA	

Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance for the production quantity of 30,000 m³ of Ordinary Earth & the ultimate depth of mining upto 0.90m below ground level for the project life of 90 days only (or) expiry date of mine lease, whichever is earlier, subject to the standard conditions as per the Annexure I of this minutes & normal conditions stipulated by MOEF&CC, in addition to the following specific conditions:

- 1) The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier, vide MoEF&CC Notification S.O. 1807(E) dated 12.04.2022.
- 2) The PP shall complete the quarrying operations within a period of 90 days from the date of issue of EC.
- 3) The PP shall ensure that the loaded trucks are covered with a tarpaulin cover to avoid the spillage & dust pollution while transportation.
- 4) The PP shall not carry out drilling & blasting operations in the proposed quarry.
- 5) The PP shall install a 'Bio-toilet' and Rest shelter facility for the persons employed in the mine before obtaining the CTO from the TNPCB.
- 6) As accepted by the Project Proponent the CER cost of Rs. 3 Lakhs and the amount shall be spent for the activities as committed towards Panchayat Union


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Primary School, Iraniyasithi Panchayat, Ilathur Union, Cheyyur Taluk, Chengalpattu District, before obtaining CTO from TNPCB.

Agenda No:467-19

File No: 9897/2024

Proposed Rough Stone and Gravel Quarry lease over an extent of 4.50.0Ha at S.F.No.207/1A1, 207/1A2A & 208/3 (P), Alur Village, Hosur Taluk, Krishnagiri District, Tamil Nadu by M/s. B.M.Mines - For Environmental clearance (SIA/TN/MIN/462981/2022 Dt:15.02.2024)

The proposal was placed for appraisal in 467th SEAC meeting held on 16.05.2023. The details of the proposed project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, M/s. B.M.Mines has applied for Environmental Clearance for the Existing Rough Stone and Gravel Quarry lease over an extent of 4.50.0Ha at S.F.No.207/1A1, 207/1A2A & 208/3 (P), Alur Village, Hosur Taluk, Krishnagiri District, Tamil Nadu.
2. The project/activity is covered under category "B1" of Item 1 (a) "Mining of Minerals Projects" of the schedule to the EIA Notification, 2006.
3. ToR vide. Lr No. SEIAA-TN/F.No.9897/ToR-1442/2023 Dated:09.05.2023.
4. Public Hearing Conducted on 12.12.2023.
5. EIA Received on 21.02.2024.
6. The Mining Lease was issued for the period of 10 Years. The approved current scheme mining plan for the period of 10 Years & production 7,19,435 m³ of Rough stone & 1,41,800m³ of Gravel & 36,032m³ of Topsoil with the Ultimate depth shall not exceed 40m BGL. The annual peak production shall not exceed 91,260m³ of Rough Stone (5th year) & 48,384m³ of Gravel (2nd Year) & 12,210m³ of Topsoil (2nd Year).

Earlier, proposal was placed for appraisal in 456th SEAC meeting held on 28.03.2024. Based on the presentation and documents furnished by the project proponent, the SEAC has decided to defer the proposal and directed the PP to provide the additional details as stipulated below:

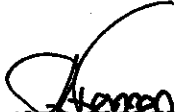

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- i. PP shall furnish the registered lease deed for the proposed d land.
- ii. The proponent shall furnish the Drone video highlighting the tree plantation in the proposed area.

File No.	9897	Category	B1
	462981		1(a)
Sl. No	Salient Features of the Proposal		
1.	Name of the Owner/Firm	:	M/s. B.M.Mines, C/o. C.N. Kaarthi, Villa No.23, Vakil Hosur Hills, Off Rayakottai Road, Chennathur Post, Hosur, Krishnagiri District, Tamil Nadu State – 635 109
2.	Type of quarrying (Ordinary Stone/Sand/Granite/Limestone)	:	Rough Stone and Gravel
3.	S.F Nos. of the quarry site	:	207/1A1, 207/1A2A and 208/3 (Part),
4.	Village in which situated	:	Alur
5.	Taluk in which situated	:	Hosur
6.	District in which situated	:	Krishnagiri
7.	Extent of quarry (in ha.)	:	4.50.0 Ha
8.	Latitude & Longitude of all corners of the quarry site	:	12°44'11.7824"N to 12°44'21.6581"N 77°54'46.9577"E to 77°54'58.7361"E
9.	Topo Sheet No.	:	57-H/14
10.	Type of mining	:	Opencast Mechanized Mining Method
11.	Details of Environmental Setting.	:	Nearest Reserve Forest: ✓ Sanamavu R.F. – 700m– South West Nearest Wildlife Sanctuary: ✓ Cauvery North Wildlife Sanctuary – 21.40 km South


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		<ul style="list-style-type: none"> ✓ Cauvery South Wildlife sanctuary - 43.1 km South West Nearest Water bodies: <ul style="list-style-type: none"> ✓ Odai – 220m South ✓ Tank – 530m North
12.	NBWL Clearance/ Conservation Measures	: Not Applicable
13.	Details of Previous History	: Terms of Reference issued by SEIAA-TN vide Lr. No. SEIAA-TN/F.No.9897/SEAC/ToR-1442/2023 Dated: 09.05.2023
14.	CCR If Applicable	: Not Applicable since it is a fresh quarry
15.	Date of ToR	: Dated: 09.05.2023
16.	Date of Public Hearing	: 12.12.2023
17.	Details of EC/ToR Granted in the Cluster.	Nil
18.	Life of Project	: 10 Years
	Lease Period	: 10 Years
	Mining Plan Period	: 10 Years
19.	Mining Plan Details	: Scheme of Mining Plan Rc. No. 738/2022/Mines. Dated: 17.02.2023
	Geological Resources m ³ (RoM)	: Rough Stone 15,75,000m ³
		: Gravel 1,18,000m ³
	Minable Resources m ³ (RoM)	: Rough Stone 7,19,435m ³
		: Gravel 1,41,800m ³
	Annual Peak Production in m ³	: Rough Stone 91,260m ³
: Gravel 48,384m ³		
Maximum Depth in meters	: Depth 40m BGL	
20.	Depth of water table	: 63-68m
21.	Man Power requirement per day:	: 39 Nos


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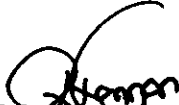
22.	Water requirement: 1. Drinking & Domestic 2. Dust Suppression 3. Green belt	:	2.3 KLD 0.6 KLD 0.9 KLD 0.8 KLD
23.	Power requirement	:	TNEB
24.	Precise area communication approved by the Deputy Director, Dept. of G&M	:	Rc.No. 738/2022/Mines. Dated: 19.01.2023
25.	Mining Plan approved by Deputy Director, Dept. of Geology & Mining.	:	Rc.No. 738/2022/Mines. Dated: 17.02.2023
26.	500m cluster letter issued by the Deputy Director, Dept. of Geology and Mining.	:	Rc.No. 738/2022/Mines. Dated: 17.02.2023
27.	VAO Certificate Regarding Structures within 300m Radius	:	Letter Dated: 20.01.2023
28.	Project Cost (excluding EMP cost)	:	Rs.1,27,20,000/-
29.	EMP cost (in Rs. Lakhs).	:	Capital Cost: Rs.36,11,000/- Recurring Cost: Rs.23,33,016/-
30.	CER cost (in Rs. Lakhs).	:	Rs.5,00,000/-
31.	SEAC Recommendation.	:	Recommended.
32.	Recommended Quantities	First Five-year production details	
		1 st Five Year Production quantity of Rough Stone (m ³)	1 st Five Year Production quantity of Gravel (m ³)
		: 4,39,250 m ³	1,41,800 m ³

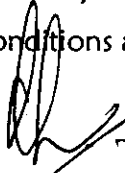

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		1 st Five Year Annual Peak Production of Rough Stone (m ³)	1 st Five Year Annual Peak Production of Gravel (m ³)
		: 91,260 m ³	48,384 m ³
		Second Five-year production details	
		2 nd Five Year Production quantity of Rough Stone (m ³)	2 nd Five Year Production quantity of Gravel (m ³)
		2,80,185 m ³	-
		2 nd Five Year Annual Peak Production of Rough Stone (m ³)	2 nd Five Year Annual Peak Production of Gravel (m ³)
		60,500 m ³	-
33.	Standard Conditions	: Annexure I	
34.	Is the depth recommended more than 40m.	: YES ✓	NO
35.	If 34 above is YES	: Annexure II	
36.	Is the proposed area located near Reserve Forest	: YES ✓	NO
37.	If 36 above is YES	: Annexure III	
38.	Special Conditions	: Nil	

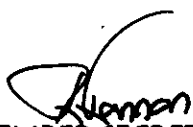
Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance for the annual peak production capacity shall not exceed 91,260 m³ of Rough stone & 48,384 m³ of Gravel for the 1st five year mining period & shall not exceed 60,500 m³ of Rough Stone for the 2nd five year mining period for the ultimate depth of mining up to 40m BGL for the project life of 10 years (or) expiry date of mine lease but subject to a maximum of thirty years, whichever is earlier, subject to the standard conditions as per


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Annexure I, II & III of this minutes & normal conditions stipulated by MOEF &CC, in addition to the following specific conditions:

- 1) The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier, vide MoEF&CC Notification S.O. 1807(E) dated 12.04.2022.
- 2) Tree plantation & fencing and installation of garland drainage with siltation tank around the mine lease area shall be completed before execution of the mine lease.
- 3) The PP shall register promptly through online in the Shram Suvidha Portal which is the official portal of Ministry of Labour & Employment, Govt of India to obtain Labour Identification Number (LIN) before obtaining the CTO from the TNPCB.
- 4) The PP shall abide by the mitigation and restoration measures provided in the Environment Management plan prepared for the project life.
- 5) The project proponent shall maintain 7.5m greenbelt in safety zone and such plantation should not be disturbed.
- 6) The PP shall ensure that the loaded trucks are covered with a tarpaulin cover to avoid the spillage & dust pollution while transportation.
- 7) The PP shall abide by all the conditions as stipulated in accordance with the provisions of MMR 1961 and DGMS Circular No.7 of 1997 while carrying out the controlled blasting operations through a statutorily competent persons appointed by him.
- 8) The proponent shall carryout suppression of dust generated due to transport vehicles by continuous water spraying using tankers.
- 9) The PP shall strictly satisfy the requirements of the provisions of Mines Act 1952, the regulations of MMR 1961 and the DGMS Circulars, the Environment Act & Rules, 1986, Explosives Act 1884, Explosive rules 1983 and other laws, orders pertaining to the quarry operation without any deviation.



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- 10) As accepted by the Project Proponent the CER cost of Rs. 5 lakhs and the amount shall be spent for the Panchayat Union Primary School, Dinnur Village, Krishnagiri District before obtaining CTO from TNPCB.

Agenda No: 467-20.

(File No: 10456/2023)

Existing Rough stone Quarry over an Extent of 2.00.0Ha (Govt. Poramboke Land) in S.F. No:383/2B (Part-2) at Erumapalayam Village of Salem Taluk, Salem District, Tamil Nadu by Thiru. B. Pandidurai - For Environmental Clearance.

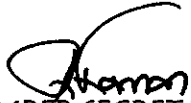
(SIA/TN/MIN/431163/2023, Dt.27/05/2023)

The proposal was placed in 467th SEAC Meeting held on 16.05.2024. The project proponent gave detailed presentation. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. Earlier, the PP has obtained EC through DEIAA vide Lr. No. Dt:19.05.2018 valid upto 18.05.2024 (including Covid relaxation as per MoEF&CC notification Dt:18.01.2023) for over an extent of 2.00 ha, Rough Stone - 260315 m³, & Depth - 66m.
2. MoEF&CC OM Dt:28.04.2023.
3. Now, the project proponent, Thiru.B.Pandidurai has applied for Environmental Clearance for the Proposed Rough stone Quarry over an Extent of 2.00.0Ha in S.F.No:383/2B (Part-2) at Erumapalayam Village of Salem Taluk, Salem District, Tamil Nadu.
4. The project/activity is covered under category "B2" of Item 1 (a) "Mining of Minerals Projects" of the schedule to the EIA Notification, 2006.


Earlier, the proposal was placed in 429th SEAC Meeting held on 13.12.2023 and EIA coordinator informed that Project Proponent is **ABSENT** for the meeting. Hence, the SEAC has decided not to take up this proposal for this SEAC appraisal meeting and to take up in the forthcoming SEAC meeting after obtaining reasons from PP for not attending the meeting. Also, the PP shall furnish CCR obtained from IRO(SZ), MoEF&CC & AD/DD, Dept. of G&M letter for remarks on details of quantity of mineral


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excavated, Existing pit dimension, & 500m radius cluster letter in regard to DEIAA EC issued.

File No.	10456	Category	B2
	431163		1(a)
Sl. No	Salient Features of the Proposal		
1.	Name of the Owner/Firm	:	B. Pandidurai Sri Raaja Ganapathy Blu Metals, No.31-1/24A, VPR Apartments, 5th Cross, Narayana Nagar, Kitchipayalam, Salem District - 636015.
2.	Type of quarrying (Ordinary Stone/Sand/Granite/Limestone)	:	Rough Stone
3.	S.F Nos. of the quarry site	:	383/2B(Part-2)
4.	Village in which situated	:	Erumapalayam
5.	Taluk in which situated	:	Salem
6.	District in which situated	:	Salem
7.	Extent of quarry (in ha.)	:	2.00.0 Ha
8.	Latitude & Longitude of all corners of the quarry site	:	11°37'50.23"N to 11°37'56.92"N 78°10'56.86"E to 78°11'04.02"E
9.	Topo Sheet No.	:	58-1/02
10.	Type of mining	:	Open cast mechanized Method
11.	Details of Environmental Setting.	:	Jarugamalai Reserve forest – 0.78 Km – South East (Source: TNGIS) Wild Life Sanctuary: Cauvery South Wildlife Sanctuary – 68.0km – North West Cauvery North Wildlife Sanctuary – 77.0km – North West


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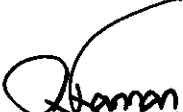

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12.	NBWL Clearance/ Conservation Measures	Not Applicable	
13.	Details of Previous History	Environmental Clearance issued by SEIAA vide : Lr.No. DEIAA-DIA/TN/MIN/14162/2018-SLM- EC.No.07/2018 dated: 19.05.2018	
14.	CCR If Applicable	: CCR obtained vide F. No. EP/12.1/2023- 24/SEIAA/141/TN/529, Dated: 16.04.2024	
15.	Life of Project	: 5 Years	
	Lease Period	: 10 Years (2018-2028)	
	Mining Plan Period	: 5 Years	
16.	Mining Plan Details	Scheme of Mining Plan (2 nd - 5year Mining Plan)	Roc.No.800/2023/Min es-A, Dated:19.09.2023
	Geological Resources m ³ (RoM)	: Rough Stone	9,63,125 m ³
	Minable Resources m ³ (RoM	: Rough Stone	3,01,465 m ³
	Annual Peak Production in m ³	: Rough Stone	46,620 m ³
	Maximum Depth in meters	: Depth	66m (56m AGL + 10m BGL)
17.	Depth of water table	: 73m - 68m	
18.	Man Power requirement per day:	: 23nos.	
19.	Water requirement:	1.0KLD	
	1. Drinking & Domestic	: 0.2KLD	
	2. Dust Suppression	: 0.5KLD	
	3. Green belt	: 0.3KLD	
20.	Power requirement	: 1,66,262 litres of HSD	


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21.	Precise area communication approved by the Deputy Director, Dept. of G&M	:	Roc.No.65/2009/Mines-A, Dated:19.05.2009
22.	Mining Plan approved by Deputy Director, Dept. of Geology & Mining.	:	Roc.No.371/2022/Mines-B, Dated:09.02.2023
23.	500m cluster letter issued by the Deputy Director, Dept. of Geology and Mining.	:	Roc.No.800/2023/Mines-A, Dated:19.09.2023
24.	VAO Certificate Regarding Structures within 300m Radius	:	Letter Dated:26.06.2022
25.	Project Cost (excluding EMP cost)	:	Rs. 55,82,000/-
26.	EMP cost (in Rs. Lakhs).	:	Total (@5% inflation): 117 Lakhs Capital Cost: 25.07 Lakhs Recurring Cost: 16.64 Lakhs
27.	CER cost (in Rs. Lakhs).	:	5 Lakhs
28.	SEAC Recommendation.	:	Recommended.
29.	Recommended Quantities	:	Production quantity of Rough Stone (m ³)
		:	2,05,540 m ³
		:	Annual Peak production of Rough Stone (m ³)
		:	46,620 m ³
30.	Standard Conditions	:	Annexure I
31.	Is the depth recommended more than 40m.	:	YES NO ✓
32.	If 30 above is YES	:	Special Conditions II
33.	Is the proposed area located near Reserve Forest	:	YES ✓ NO
34.	If 32 above is YES	:	Special Conditions III



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35	Other Special Conditions	:	Nil
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Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance for the annual peak production capacity shall not exceed 46,620 m³ of Rough stone for the ultimate depth of mining up to 66m (56AGL + 10 BGL) for the project life of 5 years (or) expiry date of mine lease but subject to a maximum of thirty years, whichever is earlier, from the date of lease execution and subject to the standard conditions as per the Annexure I & III of this minutes & normal conditions stipulated by MOEF &CC, in addition to the following specific conditions:

- 1) The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier, vide MoEF&CC Notification S.O, 1807(E) dated 12.04.2022.
- 2) Tree plantation & fencing and installation of garland drainage with siltation tank around the mine lease area shall be completed before execution of the mine lease.
- 3) The PP shall register promptly through online in the Shram Suvidha Portal which is the official portal of Ministry of Labour & Employment, Govt of India to obtain Labour Identification Number (LIN) before obtaining the CTO from the TNPCB.
- 4) The PP shall abide by the mitigation and restoration measures provided in the Environment Management plan prepared for the project life.
- 5) The project proponent shall maintain 7.5m greenbelt in safety zone and such plantation should not be disturbed.
- 6) The PP shall ensure that the loaded trucks are covered with a tarpaulin cover to avoid the spillage & dust pollution while transportation.
- 7) The PP shall abide by all the conditions as stipulated in accordance with the provisions of MMR 1961 and DGMS Circular No.7 of 1997 while carrying out the controlled blasting operations through a statutorily competent persons appointed by him.


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- 8) The proponent shall carryout suppression of dust generated due to transport vehicles by continuous water spraying using tankers.
- 9) The PP shall strictly satisfy the requirements of the provisions of Mines Act 1952, the regulations of MMR 1961 and the DGMS Circulars, the Environment Act & Rules, 1986, Explosives Act 1884, Explosive rules 1983 and other laws, orders pertaining to the quarry operation without any deviation.
- 10) As accepted by the Project Proponent the CER cost of Rs. 5 lakhs and the amount shall be spent for the Panchayat Union Middle School, Sanniyasigundu Village, Salem District before obtaining CTO from TNPCB.

Agenda No:467-21

(File No: 10856/2024)

Existing Ordinary Earth Quarry over an extent of 3.33.42 Ha at Government Poramboke Land (Periya Eri) in S.F.No. 28/1(P) of Akkinampattu Village, Cheyyur Taluk, Chengalpattu District, Tamil Nadu by Tvl. JSRIDPL-ARIPL(JV), M/s. JSR Infra Developers Pvt. Ltd - For Environmental Clearance. (SIA/TN/MIN/471911/2024, Dated: 06.05.2024).

The proposal was placed for appraisal in the 467th meeting of SEAC held on 16.05.2024. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. Initially, the District Collector, Chengalpattu, granted permission for the excavation of 30,000 cum of ordinary earth over an extent of 3.33.42 Ha at Government Poramboke Land (Periya Eri) in S.F.No. 28/1(P) of Akkinampattu Village, Cheyyur Taluk, Chengalpattu District, Tamil Nadu for the period of 75 days vide Na.Ka.En.64.Kanimam/2023 dated:29.07.2023 for NHAI Project of four laning of Mamallapuram to Mugaiyur Section of NH-332A from 0.000 to 31.000 km under Bharatmala Pariyojana Phase-1.
2. The operations were carried out from 12.08.2023 to 25.10.2023. As per letter issued by the Assistant Engineer/WRD, Kanchipuram, letter dated:26.10.2023, the permitted quantity as per mining plan and excavated quantity are as follows,


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Pits	Area in Ha	Permitted quantity in CUM	Excavated quantity in CUM	Remaining quantity in CUM
1	1.84.42	16,238	Nil	16,238
2	1.53.00	13,770	12,600	1,170
Total	3.33.42	30,000	12,600	17,400
Total Remaining Quantity				17,400

3. Based on the Proponent's request, for Extension of Time (Validity), District Collector, Chengalpattu, has granted Extension of Time (EoT) for a period of 90 days vide Na.Ka.En.64/kanimam/2023 dated:20.12.2023.
4. However, the recent judgement of the Hon'ble Supreme Court of India dated 21.03.2024, striking down the Notification of MoEF&CC, S.O No. 1224 (E) dated 28th March 2020.
5. Now, the project proponent, Tvl. JSRIDPL-ARIPL(JV), M/s. JSR Infra Developers Pvt. Ltd has applied for Environmental Clearance for the Existing Ordinary Earth Quarry over an extent of 3.33.42 Ha at Government Poramboke Land (Periya Eri) in S.F.No. 28/1(P) of Akkinampattu Village, Cheyyur Taluk, Chengalpattu District, Tamil Nadu.
6. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
7. As per the precise area communication letter, the lease period is 90 days and the mining plan is for 75 days & production should not exceed 30,008 m³ of Ordinary Earth. The annual peak production should not exceed 30,008 m³ of Ordinary Earth. The ultimate depth of mining is 0.9m BGL.
8. The salient features of the proposal are as follows:

File No.	10856 / 2024	Category	B2
	SIA/TN/MIN/471911/2024, Dated: 06.05.2024		1(a)
Sl. No	Salient Features of the Proposal		
1.	Name of the Owner/Firm	Tvl. JSRIDPL-ARIPL(JV).	


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		M/s. JSR Infra Developers Pvt. Ltd, No:17, Vijayaragava Road, T.Nagar, Chennai-600 017.
2.	Type of quarrying (Ordinary Stone/Sand/Granite/Limestone)	: Ordinary Earth
3.	S.F Nos. of the quarry site	: 28/1 (P)
4.	Village in which situated	: Akkinampattu
5.	Taluk in which situated	: Cheyyur
6.	District in which situated	: Chengalpattu
7.	Extent of quarry (in ha.)	: 3.33.42 Ha
8.	Latitude & Longitude of all corners of the quarry site	: 12°25'43.00"N to 12°25'49.83"N 80°02'16.66"E to 80°02'29.67"E
9.	Topo Sheet No.	: 66-D/03
10.	Type of mining	: Opencast Mechanized Mining without drilling and blasting
11.	Details of Environmental Setting.	: Nearest Reserve Forest –Sitharkadu RF- 12.27km Wildlife Sanctuary – Karikili Bird Sanctuary- 28.10km, Vedanthangal Bird Sanctuary- 23.46km Nearest Water Bodies: Akkinampattu Periya Eri Nearest Habitations – 100m (S) Structures-Govt. High School-600m (S)
12.	NBWL Clearance/ Conservation Measures	: Nil
13.	Details of Previous History	: Existing quarry
14.	CCR If Applicable	: Nil
15.	Life of Project	: 75 days
	Lease Period	: 90 days


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	Mining Plan Period	:	75 days
	Mining Plan Details	:	As per approved Mining Plan
		:	As Modified by the SEAC
16.	Geological Resources m ³ (RoM)	:	Ordinary Earth
		:	30,008 m ³
	Minable Resources m ³ (RoM)	:	30,008 m ³
		:	17,400 m ³ (12600 cum already excavated)
	Annual Peak Production in m ³	:	30,008 m ³
	Maximum Depth in meters	:	0.9m below ground level
17.	Depth of water table	:	36m-40m below ground level
18.	Man Power requirement per day:	:	14 Nos.
19.	Water requirement:		2.0 KLD
	1. Drinking & Domestic	:	0.5 KLD
	2. Dust Suppression	:	0.5 KLD
	3. Green belt	:	1.0 KLD
20.	Power requirement	:	TNEB 5000 Liters of HSD
21.	Precise area communication approved by the District Collector, Chengalpattu	:	Roc.No.64/Mines/2023, dated: 29.07.2023
		:	Roc.No.64/Mines/2023, dated: 20.12.2023 (Extension of Time)
22.	Mining Plan approved by Assistant Director, Dept. of Geology & Mining.	:	Roc.No.64/Mines/2023, dated:10.08.2023
23.	500m cluster letter issued by the Assistant Director, Dept. of Geology and Mining.	:	Roc.No.64/Mines/2023, dated: 22.04.2024
24.	VAO Certificate Regarding Structures within 300m Radius	:	Letter dated 26.04.2024


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25.	Project Cost (excluding EMP cost)	:	Rs. 6,89,000/-
26.	EMP cost (in Rs. Lakhs).	:	Rs. 50,000/-
27.	CER cost (in Rs. Lakhs).	:	Rs. 3,00,000/-
28.	SEAC Recommendation.	:	Recommended.
29.	Recommended Quantities	:	Ordinary Earth
		:	Max Total RoM in m ³ 17,400 m ³
		:	Annual Max RoM in m ³ 17,400 m ³
		:	Ultimate Depth in mtrs 0.9m below ground level
30.	Standard Conditions	:	Annexure I
31.	Is the depth recommended more than 40m.	:	NO
32.	If 31 above is YES	:	-
33.	Is the proposed area located near Reserve Forest	:	NO
34.	If 32 above is YES	:	-
35.	Other Special Conditions	:	-

Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance for the annual peak production capacity not exceeding 17,400 m³ of Ordinary Earth by maintaining the ultimate depth of mining up to 0.9m below ground level for the project life of 75days (or) expiry date of mine lease, whichever is earlier, from the date of lease execution, subject to the standard conditions as per the Annexure I of this minutes & normal conditions stipulated by MOEF&CC, in addition to the following specific conditions:

- 1) The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier, vide MoEF&CC Notification S.O, 1807(E) dated 12.04.2022.


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- 2) The PP shall complete the quarrying operations within a period of 75 days from the date of issue of EC.
- 3) The PP shall ensure that the loaded trucks are covered with a tarpaulin cover to avoid the spillage & dust pollution while transportation.
- 4) The PP shall carry out the required number of plantations as committed in the EMP without deviation before obtaining the CTO from the TNPCB.
- 5) The PP shall not carry out drilling & blasting operations in the proposed quarry.
- 6) The PP shall install a 'Bio-toilet' and Rest shelter facility for the persons employed in the mine before obtaining the CTO from the TNPCB.
- 7) As accepted by the Project Proponent the CER cost of Rs. 3.0 Lakhs and the amount shall be spent for the activities as committed towards Panchayat Middle School, Akkinampattu Village, before obtaining CTO from TNPCB.

Agenda No: 467-22.

(File No: 10873/2024)

Proposed Ordinary Earth Quarry over an Extent of 3.34.10Ha (Govt. Poramboke Land) in S.F.No: 16A(P) at Kadugapattu Village of Cheyyur Taluk, Chengalpattu District, Tamil Nadu by M/s JSRIDPL - For Environmental Clearance.

(SIA/TN/MIN/472501/2024, Dt.16/05/2023)

The proposal was placed in 467th SEAC Meeting held on 16.05.2024. The project proponent gave detailed presentation. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Project Proponent, M/s JSRIDPL has applied for Environmental Clearance for the Proposed Ordinary Earth Quarry over an extent of 3.34.10Ha at S.F.No: 16A(P) at Kadugapattu Village of Cheyyur Taluk, Chengalpattu District, Tamil Nadu.
2. The proposed quarry/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. The salient features of the proposed project as follows

File No.	10873	Category	B2
	472501		1(a)


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Sl. No	Salient Features of the Proposal		
1.	Name of the Owner/Firm	:	M/S.JSRIDPL-ARIPL(JV) M/S JSR INFRA DEVELOPERS PVT LTD, NO 17, VIJAYARAGAVA ROAD, T.NAGAR CHENNAI 600017
2.	Type of quarrying (Ordinary Stone/Sand/Granite/Limestone)	:	Ordinary Earth
3.	S.F Nos. of the quarry site	:	16A(P)
4.	Village in which situated	:	Kadugapattu
5.	Taluk in which situated	:	Cheyyur
6.	District in which situated	:	Chengalpattu
7.	Extent of quarry (in ha.)	:	3.34.10Ha
8.	Latitude & Longitude of all corners of the quarry site	:	12°26'22.62"N to 12°26'28.16"N 80°00'40.82"E to 80°00'54.74"E
9.	Topo Sheet No.	:	66-D/03
10.	Type of mining	:	Open Cast Mechanized Method
11.	Details of Environmental Setting.	:	1. Karikili Bird Sanctuary- 25.74 Km, NW 2. Vendathangal Bird Sanctuary-20.70 Km, NW
12.	NBWL Clearance/ Conservation Measures	:	Not Applicable
13.	Details of Previous History	:	Not Available
14.	CCR If Applicable	:	Not Applicable
15.	Life of Project	:	75 Days
	Lease Period	:	75 Days
	Mining Plan Period	:	75 Days
16.	Mining Plan Details	:	Scheme of Mining Plan (75 days)
			Rc.No.63/Mines/202 3, Dated: 14.05.2024


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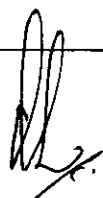
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	Geological Resources m ³ (RoM)	:	Ordinary Earth	30,069 m ³
	Minable Resources m ³ (RoM)	:	Ordinary Earth	30,069 m ³
	Annual Peak Production in m ³	:	Ordinary Earth	30,069 m ³
	Maximum Depth in meters	:	Depth	0.90m BGL
17.	Depth of water table	:	40m in Summer Season – 36m in Rainy Season	
18.	Man Power requirement per day:	:	14 Nos.	
19.	Water requirement:		1 KLD	
	1. Drinking & Domestic	:	0.5 KLD	
	2. Dust Suppression	:	0.5 KLD	
20.	Power requirement	:	TNEB 5,010 Liters of HSD	
21.	Precise area communication approved by the District Collector Chengalpattu District	:	Rc.No.63/Mines/2023, Dated: 29.07.2023	
22.	Mining Plan approved by Deputy Director, Dept. of Geology & Mining.	:	Rc.No.63/Mines/2023, Dated: 08.12.2023	
23.	500m cluster letter issued by the Deputy Director, Dept. of Geology and Mining.	:	Rc.No.63/Mines/2023, Dated: 14.05.2024	
24.	VAO Certificate Regarding Structures within 300m Radius	:	Letter Dated:24.04.2023	
25.	Project Cost (excluding EMP cost)	:	Rs. 6,90,000/-	
26.	EMP cost (in Rs. Lakhs).	:	Rs.70,000/-	
27.	CER cost (in Rs. Lakhs).	:	Rs.3,00,000/-	


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28.	SEAC Recommendation.	:	Recommended.	
29.	Recommended Quantities	:	Production quantity of Ordinary Earth (m ³)	
		:	30,069 m ³	
		:	Annual peak Production of Ordinary Earth (m ³)	
		:	30,069 m ³	
30.	Standard Conditions	:	Annexure I	
31.	Is the depth recommended more than 40m.	:	YES	NO ✓
32.	If 30 above is YES	:	Special Conditions II	
33.	Is the proposed area located near Reserve Forest	:	YES	NO ✓
34.	If 32 above is YES	:	Special Conditions III	
35.	Other Special Conditions	:	Nil	

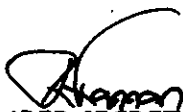
Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance for the annual peak production capacity shall not exceed 30,069 m³ of Ordinary Earth for the ultimate depth of mining up to 0.9m BGL for the project life of 75 days (or) expiry date of mine lease but subject to a maximum of thirty years, whichever is earlier, from the date of lease execution, subject to the standard conditions as per the Annexure I of this minutes & normal conditions stipulated by MOEF &CC, in addition to the following specific conditions:

- 1) The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier, vide MoEF&CC Notification S.O. 1807(E) dated 12.04.2022.
- 2) The PP shall complete the quarrying operations within a period of 75 days from the date of issue of EC.
- 3) The PP shall ensure that the loaded trucks are covered with a tarpaulin cover to avoid the spillage & dust pollution while transportation.


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- 4) The PP shall carry out the required number of plantations as committed in the EMP without deviation before obtaining the CTO from the TNPCB.
- 5) The PP shall not carry out drilling & blasting operations in the proposed quarry.
- 6) The PP shall install a 'Bio-toilet' and Rest shelter facility for the persons employed in the mine before obtaining the CTO from the TNPCB.
- 7) As accepted by the Project Proponent the CER cost of Rs. 3 lakhs and the amount shall be spent for the Panchayat Union Middle School, Kadugapattu Village, Cheyyur Taluk, Chengalpattu District before obtaining CTO from TNPCB.


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ANNEXURE-I


SPECIAL MITIGATION MEASURES FOR THE QUARRIES LOCATED WITHIN 1 KM FROM THE RESERVE FORESTS

1. Since the R.F is located very close to the proposed quarry site, the PP shall develop Green Belt (Thick Tree plantation in two to three rows) along the boundary of the mine lease area before obtaining the CTO from the TNPCB.
2. The proponent shall construct and maintain proper fencing all around the boundary of the proposed working quarry adjacent to the direction of the location of the Reserved Forest before the commencement of the operation and shall furnish the photographs showing the same before obtaining the CTO from TNPCB.
3. The PP shall take steps so that the overburden, waste rock, rejects and fines generated during the mining operations shall be stored in separate dumps positioned in opposite direction to the location of the reserved forest.
4. The PP shall ensure that such waste/reject dumps shall be properly secured to prevent escape of material there from in harmful quantities which may cause degradation of environment and to prevent causation of floods.
5. The PP shall select the site for dumps on impervious ground to ensure minimum leaching effects due to precipitations.
6. The PP shall take necessary steps that wherever possible, the waste rock, overburden etc. shall be back-filled into the mine excavations with a view to restoring the land to its original use as far as possible.
7. Wherever back-filling of waste rock in the area excavated during mining operations is not feasible, the PP shall take adequate steps in discussion with the concerned DFO to suitably terrace the waste dumps ensuring the stability through vegetation to consolidate the green belt development in the areas adjacent to the reserved forest location.
8. The PP shall carry out the scientific investigations in order to keep the ground and noise vibrations caused by blasting operations and movement of HEMM such as Excavators, Trucks within safe limit.


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9. The PP shall not perform secondary breakage involving the drilling & blasting in the quarrying operations and it can be replaced with non-conventional methods such as noise-controlled rock breakers, usage of non-explosive expansive materials/chemicals, Hydraulic Splitting based on the suitable scientific studies carried out by any reputed scientific and academic institutions.
10. The PP shall take adequate steps to control the air pollution due to fines, dust, smoke or gaseous emissions during the quarrying operations within 'Permissible Limits' specified under the environmental laws.
11. The Quarrying and Mining activities shall be restricted in the Eco-sensitive Zone of 60 m from the boundary of the Reserved area and hence the PP shall not even indulge in constructing the haul roads in these areas.
12. No development on existing steep hill slopes or slopes with a high degree of erosion shall be permitted. Hence, the PP shall not carry out the quarrying on steep hill slopes with a gradient of 20° or more or areas with a high degree of erosion on forestland.
13. The PP shall give an affidavit at the time of lease execution that there will be no felling of trees (or) any encroachment will not be made on these Reserved Forest lands and also within the Eco- sensitive Zone of 60 m without the prior permission of the State Government in case of reserve forest land as per the procedures laid down by the State Government.
14. The PP shall not use plastic carry bags within the quarry area.
15. The PP shall ensure that all the haul roads within the quarry lease shall be provided with adequate number of road side drains and these drains shall be kept free from blockage for runoff disposals. This run off from the road side drainage shall relate to the natural drainage system in the area.
16. The PP shall adhere to the provisions of the MoEF had issued Notification No. S.O. 1545 dated 25th June 2009 regulating certain activities in the eco-sensitive zone to conserve and protect the reserved forest area from ecological and environmental point of view.


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GRAVEL / RED EARTH & PEBBLES QUARRY – GENERAL CONDITIONS

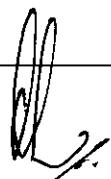
1. The proponent shall mandatorily appoint the statutory competent persons and commence the quarry operations within the purview of Mines Act 1952.
2. The proponent shall erect fencing all around the boundary of the proposed area with gates for entry/exit before the commencement of the operation and shall furnish the photographs/map showing the same before obtaining the CTO from TNPCB.
3. Perennial maintenance of haulage road/village / Panchayat Road shall be done by the project proponent as required in connection with the concerned Govt. Authority.
4. The Project Proponent shall adhere to the working parameters of mining plan which was submitted at the time of EC appraisal wherein year-wise plan was mentioned for total excavation. No change in basic mining proposal shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change, which entail adverse environmental impacts, even if it is a part of approved mining plan modified after grant of EC or granted by State Govt. in the form of Short-Term Permit (STP), Query license or any other name.
5. Perennial sprinkling arrangement shall be in place on the haulage road for fugitive dust suppression. Fugitive emission measurements should be carried out during the mining operation at regular intervals.
6. The Proponent shall ensure that the noise level is monitored during mining operation at the project site for all the machineries deployed and adequate noise level reduction measures undertaken accordingly.
7. Proper barriers to reduce noise level and dust pollution should be established by providing greenbelt along the boundary of the quarrying site and suitable working methodology to be adopted by considering the wind direction.
8. The purpose of green belt around the project is to capture the fugitive emissions, carbon sequestration and to attenuate the noise generated, in addition to improving the aesthetics.


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9. Taller/one year old saplings raised in appropriate size of bags (preferably eco-friendly bags) should be planted in proper spacing as per the advice of local forest authorities/botanist/horticulturist with regard to site specific choices. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner.
10. **Noise and Vibration Related:** (i) Appropriate measures should be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs/muffs, (iii) Noise levels should be monitored regularly (on weekly basis) near the major sources of noise generation within the core zone.
11. The operation of the quarry should not affect the agricultural activities & water bodies near the project site and a 50 m safety distance from water body should be maintained without carrying any activity. The proponent shall take appropriate measures for "Silt Management" and prepare a SOP for periodical de-siltation indicating the possible silt content and size in case of any agricultural land exists around the quarry.
12. The proponent shall provide sedimentation tank / settling tank with adequate capacity for runoff management.
13. The proponent shall ensure that the transportation of the quarried granite stones shall not cause any hindrance to the Village people/Existing Village Road and shall take adequate safety precautionary measures while the vehicles are passing through the schools / hospital. The Project Proponent shall ensure that the road may not be damaged due to transportation of the quarried granite stones; and transport of granite stones will be as per IRC Guidelines with respect to complying with traffic congestion and density.
14. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of the mining operation.
15. The Project Proponent shall comply with the provisions of the Mines Rules 1955 for ensuring safety, health and welfare of the people working in the mines and the surrounding habitants.


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16. The project proponent shall ensure that the provisions of the MMDR Act, 1957, the MCDR 2017 and Tamilnadu Minor Mineral Concession Rules 1959 are complied by carrying out the quarrying operations in a skillful, scientific and systematic manner keeping in view proper safety of the labour, structure and the public and public works located in that vicinity of the quarrying area and in a manner to preserve the environment and ecology of the area.
17. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be informed to the District AD/DD (Geology and Mining) District Environmental Engineer (TNPCB) by the proponent without fail.
18. The Project Proponent shall abide by the annual production scheduled specified in the approved mining plan and if any deviation is observed, it will render the Project Proponent liable for legal action in accordance with Environment and Mining Laws.
19. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wildlife as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance, as per the existing law from time to time.
20. All the conditions imposed by the Assistant/Deputy Director, Geology & Mining, concerned District in the mining plan approval letter and the Precise area communication letter issued by concerned District Collector should be strictly followed.
21. That the grant of this E.C. is issued from the environmental angle only, and does not absolve the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility, to comply with the conditions laid down in all other laws for the time-being in force, rests with the project proponent.
22. The mining lease holders shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.
23. As per the MoEF& CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere EMP furnished.



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ROUGH STONE/JELLY/BLUE METAL QUARRY

- 1) The PP shall inform send the 'Notice of Opening' of the quarry to the Director of Mines Safety, Chennai Region before obtaining the CTO from the TNPCB.
- 2) The Project Proponent shall abide by the annual production scheduled specified in the approved mining plan and if any deviation is observed, it will render the Project Proponent liable for legal action in accordance with Environment and Mining Laws.
- 3) The proponent shall appoint the statutory competent persons relevant to the proposed quarry size as per the provisions of Mines Act 1952 and Metalliferous Mines Regulations, 1961, as amended from time to time.
- 4) Within a period one month from the execution of lease deed, the PP shall ensure that the persons deployed in the quarry including all the contractual employees/truck drivers shall undergo initial/periodical training in the DGMS approved GVTC situated in Trichy / Salem / Hosur.
- 5) The PP shall construct a garland drain of size, gradient and length around the proposed quarry incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain should be provided prior to the commencement of mining. Garland drain, silt-traps, siltation ponds and outflow channel should be de-silted periodically and geo-tagged photographs of the process should be included in the HYCR.
- 6) Monitoring of drainage water should be carried out at different seasons by an NABL accredited lab and clear water should only be discharged into the natural stream. Geo-tagged photographs of the drainage and sampling site should be submitted along with HYCR.
- 7) The proponent shall install the 'S3 (or) G2' type of fencing all around the boundary of the proposed working quarry with gates for entry/exit before the commencement of the operation as recommended in the DGMS Circular, 11/1959 and shall furnish the photographs showing the same before obtaining the CTO from TNPCB.
- 8) The Proponent shall submit a conceptual 'Slope Stability Action Plan' incorporating the benches & accessible haul road approved by the concerned


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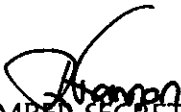
AD (Mines) for the proposed quarry to the DEE/TNPCB at the time of obtaining the CTO.

- 9) The PP shall ensure that the persons employed in the quarry whether permanent, temporary or contractual are undergoing the initial/periodical medical examination in the DGMS approved OHS Clinics/Hospitals as per the DGMS Circular No. 01 of 2011 before they are engaged in mining activities.
- 10) The PP shall ensure that the persons employed in the quarry whether permanent, temporary or contractual are provided with adequate PPEs before engaged in mining operations.
- 11) The PP shall meticulously carry out the mitigation measures as spelt out in the approved EMP.
- 12) Proper barriers to reduce noise level and dust pollution should be established by providing greenbelt along the boundary of the quarrying site and suitable working methodology should be adopted by considering the wind direction.
- 13) The Project Proponent shall ensure that the funds earmarked for environmental protection measures are kept in a separate bank account and should not be diverted for other purposes. Year-wise expenditure should be included in the HYCR.
- 14) The Project Proponent shall send a copy of the EC to the concerned Panchayat/local body.
- 15) Perennial maintenance of haulage road/village / Panchayat Road shall be done by the project proponent as required, in coordination with the concerned Govt. Authority.
- 16) Perennial sprinkling arrangements shall be in place on the haulage road for fugitive dust suppression. Fugitive emission measurements should be carried out during the mining operation at regular intervals and submit the consolidated report to TNPCB once in six months.
- 17) The Proponent shall ensure that the noise level is monitored during mining operation at the project site for all the machineries deployed and adequate noise level reduction measures are undertaken accordingly. The report on the periodic monitoring shall be included in the HYCR.


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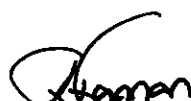

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- 18) Proper barriers to reduce noise level and dust pollution should be established by providing greenbelt along the boundary of the quarrying site and suitable working methodology to be adopted by considering the wind direction.
- 19) The purpose of green belt around the project is to capture the fugitive emissions, carbon sequestration and to attenuate the noise generated, in addition to improving the aesthetics. A wide range of indigenous plant species should be planted as given in the appendix. The plant species with dense/moderate canopy of native origin should be chosen. Species of small/medium/tall trees alternating with shrubs should be planted in a mixed manner.
- 20) Taller/one year old saplings raised in appropriate size of bags (preferably eco-friendly bags) should be planted in proper spacing as per the advice of local forest authorities/botanist/horticulturist with regard to site specific choices. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner.
- 21) **Noise and Vibration Related:** (i) Appropriate measures should be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs/muffs. (ii) Noise levels should be monitored regularly (on weekly basis) near the major sources of noise generation within the core zone.
- 22) The PP shall carry out maximum of only one round of controlled blast per day, restricted to the maximum of 30 to 40 number of holes per round with maintaining maximum charge per delay in such a manner that the blast-induced ground vibration level (Peak Particle Velocity) measured in the houses/structures located at a distance of 500 m shall not exceed 2.0 mm/s and no fly rock shall travel beyond 20 m from the site of blasting.
- 23) The PP shall also ensure that the blasting operations are not carried out on a 'day after day' basis and a minimum 24 hours break should be observed between blasting days to reduce the environmental impacts effectively.


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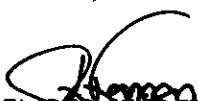

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- 24) If 'Deep-hole large diameter drilling and blasting' is required, then the PP shall obtain special permission from DGMS.
- 25) The PP shall ensure that the blasting operations shall be carried out during a prescribed time interval with a prior notice to the habitations situated around the proposed quarry after having posted the sentries/guards adequately to confirm the non-exposure of public within the danger zone of 500 m from the boundary of the quarry. The PP shall use the jack hammer drill machine fitted with the dust extractor for the drilling operations such that the fugitive dust is controlled effectively at the source.
- 26) The PP shall ensure that the blasting operations are carried out by the blaster/Mine Mate/Mine Foreman employed by him in accordance with the provisions of MMR 1961 and it shall not be carried out by the persons other than the above statutory personnel.
- 27) The proponent shall undertake in a phased manner restoration, reclamation and rehabilitation of lands affected by the quarrying operations and shall complete this work before the conclusion of such operations as per the Environmental Management Plan & the approved Mine Closure Plan.
- 28) Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
- 29) The operation of the quarry should not affect the agricultural activities & water bodies near the project site and a 50 m safety distance from water body should be maintained without carrying any activity. The proponent shall take appropriate measures for "Silt Management" and prepare a SOP for periodical de-siltation indicating the possible silt content and size in case of any agricultural land exists around the quarry.
- 30) The proponent shall provide sedimentation tank / settling tank with adequate capacity for runoff management.
- 31) The proponent shall ensure that the transportation of the quarried granite stones shall not cause any hindrance to the Village people/Existing Village Road and shall take adequate safety precautionary measures while the vehicles are passing through the schools / hospital. The Project Proponent


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- shall ensure that the road may not be damaged due to transportation of the quarried granite stones; and transport of granite stones will be as per IRC Guidelines with respect to complying with traffic congestion and density.
- 32) To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of the mining operation.
- 33) The Project Proponent shall comply with the provisions of the Mines Act, 1952, MMR 1961 and Mines Rules 1955 for ensuring safety, health and welfare of the people working in the mines and the surrounding habitants.
- 34) The project proponent shall ensure that the provisions of the MMDR Act, 1957 & the MCDR 2017 and Tamilnadu Minor Mineral Concession Rules 1959 are complied by carrying out the quarrying operations in a skillful, scientific and systematic manner keeping in view proper safety of the labour, structure and the public and public works located in that vicinity of the quarrying area and in a manner to preserve the environment and ecology of the area.
- 35) The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be informed to the District AD/DD (Geology and Mining) District Environmental Engineer (TNPCCB) and the Director of Mines Safety (DMS), Chennai Region by the proponent without fail.
- 36) The Project Proponent shall abide by the annual production scheduled specified in the approved mining plan and if any deviation is observed, it will render the Project Proponent liable for legal action in accordance with Environment and Mining Laws.
- 37) All the conditions imposed by the Assistant/Deputy Director, Geology & Mining, concerned District in the mining plan approval letter and the Precise area communication letter issued by concerned District Collector should be strictly followed.
- 38) That the grant of this E.C. is issued from the environmental angle only, and does not absolve the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force. The sole


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and complete responsibility, to comply with the conditions laid down in all other laws for the time-being in force, rests with the project proponent.

39) As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEFCC, the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.

40) The mining lease holders shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.

41) As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere to the EMP as committed.

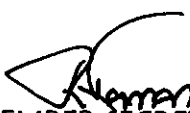

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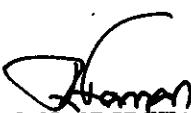
SPECIAL MITIGATION MEASURES FOR THE QUARRIES LOCATED IN CLOSE PROXIMITY TO THE WINDMILLS

Sl. No	Existing (or) Virgin Quarry	
	Wind Mills located at a distance of 150 m to 300 m	Wind Mills located beyond 300 m Up to 500 m
1.	Appointment of I/II Class Mines Manager Certificate of Competency under MMR 1961.	Appointment of I/II Class Mines Manager Certificate of Competency under MMR 1961.
2.	Special precautions are to be taken during blasting within danger zone such as posting guards, etc.	Blast design parameters should be mentioned in mining plan/scheme. and may be reviewed by a competent mining engineer.
3.	Blast design parameters should be mentioned in mining plan/scheme.	MCPD and total charge should be fixed such that it should not exceed 1.3 kg and 26.50 kg respectively.
4.	The recommendations of scientific organisation need to be incorporated in the mining plan/scheme before its approval.	Fresh scientific study may be conducted if mine management wants to increase the MCPD and total explosive charge above the quantity of 1.30 kg and 26.50 kg respectively. Continuous monitoring using seismograph should also be done in such cases by the mine management.
5.	Engagement of blasting in-charge having Diploma/Degree in mining engineering for day-to-day blasting.	Engagement of blasting in-charge having Diploma/Degree in mining engineering for day-to-day blasting.
6.	Training of the blasting crew on controlled blasting practices before engaged in operation.	Training of the blasting crew on controlled blasting practices before engaged in operation.


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7.	Submission of monthly report on blast design pattern and detailed explosive consumption as well as volume of rock excavation to a statutory body viz. DGMS, DMG, PESO or SPCB.	Submission of monthly report on blast design pattern and detailed explosive consumption as well as volume of rock excavation to a statutory body viz. DGMS, DMG, SPCB. Report of recorded ground vibration need to be added in monthly report.
8.	Report of recorded ground vibration need to be added in monthly report which shall be sent to all the statutory body viz. DGMS, DMG, SPCB.	Report of recorded ground vibration need to be added in monthly report which shall be sent to all the statutory body viz. DGMS, DMG, SPCB.
9.	Small diameter emulsion cartridge of 25 mm diameter (125 gm weight per cartridge) shall be used. However, ANFO explosives may also be used as main explosive charge.	Small diameter emulsion cartridge of 25 mm diameter (125 gm weight per cartridge) shall be used. However, ANFO explosives may also be used as main explosive charge.
10.	Electronic (or) Non-electric detonators (Nonel) shall be used in all the blasts for in-hole explosive initiation and surface hole-to-hole firing.	Non-electric detonators (Nonel) shall be used in all the blasts for in-hole explosive initiation and surface hole-to-hole firing.
11.	Max. number of holes in a round: 30.	Max. number of holes in a round: 40 to 60.


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TERMS OF REFERENCE (TOR) FOR GRANITE / ROUGH STONE QUARRY


1. In the case of existing/operating mines, a letter obtained from the concerned AD (Mines) shall be submitted and it shall include the following:
 - (i) Original pit dimension
 - (ii) Quantity achieved Vs EC Approved Quantity
 - (iii) Balance Quantity as per Mineable Reserve calculated.
 - (iv) Mined out Depth as on date Vs EC Permitted depth
 - (v) Details of illegal/illicit mining
 - (vi) Violation in the quarry during the past working.
 - (vii) Quantity of material mined out outside the mine lease area
 - (viii) Condition of Safety zone/benches
 - (ix) Revised/Modified Mining Plan showing the benches of not exceeding 6 m height and ultimate depth of not exceeding 50m.
2. Details of habitations around the proposed mining area and latest VAO certificate regarding the location of habitations within 300m radius from the periphery of the site.
3. The proponent is requested to carry out a survey and enumerate on the structures located within the radius of (i) 50 m, (ii) 100 m, (iii) 200 m and (iv) 300 m (v) 500m shall be enumerated with details such as dwelling houses with number of occupants, whether it belongs to the owner (or) not, places of worship, industries, factories, sheds, etc with indicating the owner of the building, nature of construction, age of the building, number of residents, their profession and income, etc.
4. The PP shall submit a detailed hydrological report indicating the impact of proposed quarrying operations on the waterbodies like lake, water tanks, etc are located within 1 km of the proposed quarry.
5. The Proponent shall carry out Bio diversity study through reputed Institution and the same shall be included in EIA Report.
6. The DFO letter stating that the proximity distance of Reserve Forests, Protected Areas, Sanctuaries, Tiger reserve etc., up to a radius of 25 km from the proposed site.


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7. In the case of proposed lease in an existing (or old) quarry where the benches are not formed (or) partially formed as per the approved Mining Plan, the Project Proponent (PP) shall the PP shall carry out the scientific studies to assess the slope stability of the working benches to be constructed and existing quarry wall, by involving any one of the reputed Research and Academic Institutions - CSIR-Central Institute of Mining & Fuel Research / Dhanbad, NIRM/Bangalore, Division of Geotechnical Engineering-IIT-Madras, NIT-Dept of Mining Engg, Surathkal, and Anna University Chennai-CEG Campus. The PP shall submit a copy of the aforesaid report indicating the stability status of the quarry wall and possible mitigation measures during the time of appraisal for obtaining the EC.
8. However, in case of the fresh/virgin quarries, the Proponent shall submit a conceptual 'Slope Stability Plan' for the proposed quarry during the appraisal while obtaining the EC, when the depth of the working is extended beyond 30 m below ground level.
9. The PP shall furnish the affidavit stating that the blasting operation in the proposed quarry is carried out by the statutory competent person as per the MMR 1961 such as blaster, mining mate, mine foreman, II/I Class mines manager appointed by the proponent.
10. The PP shall present a conceptual design for carrying out only controlled blasting operation involving line drilling and muffle blasting in the proposed quarry such that the blast-induced ground vibrations are controlled as well as no fly rock travel beyond 30 m from the blast site.
11. The EIA Coordinators shall obtain and furnish the details of quarry/quarries operated by the proponent in the past, either in the same location or elsewhere in the State with video and photographic evidences.
12. If the proponent has already carried out the mining activity in the proposed mining lease area after 15.01.2016, then the proponent shall furnish the following details from AD/DD, mines,
13. What was the period of the operation and stoppage of the earlier mines with last work permit issued by the AD/DD mines?


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14. Quantity of minerals mined out.
 - Highest production achieved in any one year
 - Detail of approved depth of mining.
 - Actual depth of the mining achieved earlier.
 - Name of the person already mined in that leases area.
 - If EC and CTO already obtained, the copy of the same shall be submitted.
 - Whether the mining was carried out as per the approved mine plan (or EC if issued) with stipulated benches.
15. All corner coordinates of the mine lease area, superimposed on a High-Resolution Imagery/Topo sheet, topographic sheet, geomorphology, lithology and geology of the mining lease area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
16. The PP shall carry out Drone video survey covering the cluster, green belt, fencing, etc.,
17. The proponent shall furnish photographs of adequate fencing, green belt along the periphery including replantation of existing trees & safety distance between the adjacent quarries & water bodies nearby provided as per the approved mining plan.
18. The Project Proponent shall provide the details of mineral reserves and mineable reserves, planned production capacity, proposed working methodology with justifications, the anticipated impacts of the mining operations on the surrounding environment, and the remedial measures for the same.
19. The Project Proponent shall provide the Organization chart indicating the appointment of various statutory officials and other competent persons to be appointed as per the provisions of the Mines Act'1952 and the MMR, 1961 for carrying out the quarrying operations scientifically and systematically in order to ensure safety and to protect the environment.
20. The Project Proponent shall conduct the hydro-geological study considering the contour map of the water table detailing the number of groundwater


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pumping & open wells, and surface water bodies such as rivers, tanks, canals, ponds, etc. within 1 km (radius) along with the collected water level data for both monsoon and non-monsoon seasons from the PWD / TWAD so as to assess the impacts on the wells due to mining activity. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided.

21. The proponent shall furnish the baseline data for the environmental and ecological parameters with regard to surface water/ground water quality, air quality, soil quality & flora/fauna including traffic/vehicular movement study.
22. The Proponent shall carry out the Cumulative impact study due to mining operations carried out in the quarry specifically with reference to the specific environment in terms of soil health, biodiversity, air pollution, water pollution, climate change and flood control & health impacts. Accordingly, the Environment Management plan should be prepared keeping the concerned quarry and the surrounding habitations in the mind.
23. Rain water harvesting management with recharging details along with water balance (both monsoon & non-monsoon) be submitted.
24. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary, national park, migratory routes of fauna, water bodies, human settlements and other ecological features should be indicated. Land use plan of the mine lease area should be prepared to encompass preoperational, operational and post operational phases and submitted. Impact, if any, of change of land use should be given.
25. Details of the land for storage of Overburden/Waste Dumps (or) Rejects outside the mine lease, such as extent of land area, distance from mine lease, its land use, R&R issues, if any, should be provided.
26. Proximity to Areas declared as 'Critically Polluted' (or) the Project areas which attracts the court restrictions for mining operations, should also be indicated and where so required, clearance certifications from the prescribed Authorities, such as the TNPCB (or) Dept. of Geology and Mining should be

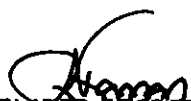

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secured and furnished to the effect that the proposed mining activities could be considered.


27. Description of water conservation measures proposed to be adopted in the Project should be given. Details of rainwater harvesting proposed in the Project, if any, should be provided.
28. Impact on local transport infrastructure due to the Project should be indicated.
29. A tree survey study shall be carried out (nos., name of the species, age, diameter etc.,) both within the mining lease applied area & 300m buffer zone and its management during mining activity.
30. A detailed mine closure plan for the proposed project shall be included in EIA/EMP report which should be site-specific.
31. As a part of the study of flora and fauna around the vicinity of the proposed site, the EIA coordinator shall strive to educate the local students on the importance of preserving local flora and fauna by involving them in the study, wherever possible.
32. The purpose of Green belt around the project is to capture the fugitive emissions, carbon sequestration and to attenuate the noise generated, in addition to improving the aesthetics. A wide range of indigenous plant species should be planted as given in the appendix-I in consultation with the DFO, State Agriculture University. The plant species with dense/moderate canopy of native origin should be chosen. Species of small/medium/tall trees alternating with shrubs should be planted in a mixed manner.
33. Taller/one year old Saplings raised in appropriate size of bags, preferably ecofriendly bags should be planted as per the advice of local forest authorities/botanist/Horticulturist with regard to site specific choices. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner
34. A Disaster management Plan shall be prepared and included in the EIA/EMP Report for the complete life of the proposed quarry (or) till the end of the lease period.


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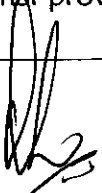
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35. A Risk Assessment and management Plan shall be prepared and included in the EIA/EMP Report for the complete life of the proposed quarry (or) till the end of the lease period.
36. Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out in detail. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. The project specific occupational health mitigation measures with required facilities proposed in the mining area may be detailed.
37. Public health implications of the Project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary allocations.
38. The Socio-economic studies should be carried out within a 5 km buffer zone from the mining activity. Measures of socio-economic significance and influence to the local community proposed to be provided by the Project Proponent should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation.
39. Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
40. Benefits of the Project if the Project is implemented should be spelt out. The benefits of the Project shall clearly indicate environmental, social, economic, employment potential, etc.
41. If any quarrying operations were carried out in the proposed quarrying site for which now the EC is sought, the Project Proponent shall furnish the detailed compliance to EC conditions given in the previous EC with the site photographs which shall duly be certified by MoEF&CC, Regional Office, Chennai (or) the concerned DEE/TNPCB.
42. The PP shall prepare the EMP for the entire life of mine and also furnish the sworn affidavit stating to abide the EMP for the entire life of mine.
43. Concealing any factual information or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this Terms of Conditions besides attracting penal provisions in the Environment (Protection) Act, 1986.



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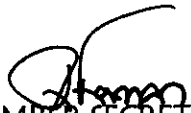
Appendix - I
List of Native Trees Suggested for Planting

No	Scientific Name	Tamil Name	Tamil Name
1	<i>Aegle marmelos</i>	Vilvam	வில்வம்
2	<i>Adenaanthera pavonina</i>	Manjadi	மஞ்சளா, ஆனைக்குன்றிமணி
3	<i>Albizia lebbek</i>	Vaagai	வாளை
4	<i>Albizia amara</i>	Usil	உசில்
5	<i>Bauhinia purpurea</i>	Mantharai	மந்தாரை
6	<i>Bauhinia racemosa</i>	Aafhi	ஆஃபி
7	<i>Bauhinia tomentos</i>	Iruvathi	இருவாத்தி
8	<i>Buchanania axillaris</i>	Kattuma	காட்டூமா
9	<i>Borassus flabellifer</i>	Panai	பனை
10	<i>Butea monosperma</i>	Murukkamararam	முருக்கமரம்
11	<i>Bobax ceiba</i>	Ilavu, Sevvilavu	இலவு
12	<i>Calophyllum inophyllum</i>	Punmai	புன்னை
13	<i>Cassia fistula</i>	Sarakondrai	சரகொண்டை
14	<i>Cassia roxburghii</i>	Sengondrai	செங்கொண்டை
15	<i>Chloroxylon sweitenia</i>	Purasamararam	புரசமரம்
16	<i>Cochlospermum religiosum</i>	Kongu, Manjallavu	கோங்கு, மஞ்சள் இலவு
17	<i>Cordia dichotoma</i>	Naruvuli	நருவூலி
18	<i>Creteoa adansoni</i>	Mavalingum	மாவிளங்கம்
19	<i>Dillenia indica</i>	Uva, Uzha	உவா
20	<i>Dillenia pentagyna</i>	SiruUva, Sitruzha	சீறு உவா
21	<i>Diospyro sebenum</i>	Karungali	கரங்காலி
22	<i>Diospyro schloroxylon</i>	Vaganai	வாகனை
23	<i>Ficus amplissima</i>	Kalltchi	கல் இச்சி
24	<i>Hibiscus tiliaceou</i>	Aatrupoovarasu	ஆத்ரூப்புவாசு
25	<i>Hardwickia binata</i>	Aacha	ஆச்சா
26	<i>Holoptelia integrifolia</i>	Aayili	ஆயிலி மரம், ஆயிலி
27	<i>Lannea coromandelica</i>	Odhiam	ஒத்யம்
28	<i>Lagerstroemia speciosa</i>	Poo Marudhu	பூ மருது
29	<i>Lepisanthus tetraphylla</i>	Neikottaimaram	நெய் கொட்டை மரம்
30	<i>Limonia acidissima</i>	Vila maram	வில்லா மரம்
31	<i>Litsea glutinos</i>	Pisinpattai	பிசின்பட்டை
32	<i>Madhica longifolia</i>	Iluppai	இலுப்பை
33	<i>Manilkara hexandra</i>	UlakkaiPaalai	உலக்கை பாலை
34	<i>Mimusops elengi</i>	Magizhamaram	மகிழ்மரம்
35	<i>Mitragyna parvifolia</i>	Kadambu	காம்பு
36	<i>Morinda pubescens</i>	Nuna	நுனா
37	<i>Morinda citrifolia</i>	Vellai Nuna	வெள்ளை நுனா
38	<i>Phoenix sylvestre</i>	Eachai	ஈச்சமரம்
39	<i>Pongamia pinnat</i>	Pungam	புங்கம்


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40	<i>Premna mollissima</i>	Munnai	முண்டை
41	<i>Premna serratifolia</i>	Narumunnai	நறு முண்டை
42	<i>Premna tomentosa</i>	Malaipoovarasu	மலை பூங்க
43	<i>Prosopis cinerea</i>	Vanni maram	வாணி மரம்
44	<i>Pterocarpus marsupium</i>	Vengai	வேங்கை
45	<i>Pterospermum canescens</i>	Vennangu, Tada	வேண்டாங்க
46	<i>Pterospermum xylocarpum</i>	Polavu	புலவு
47	<i>Putranjiva roxburghii</i>	Karipala	கரிபலா
48	<i>Sidaodora persica</i>	Ugaa Maram	உகா மரம்
49	<i>Sapindus emarginatus</i>	Maripungan, Soapukai	மாறிப்புகை செறிப்புகை
50	<i>Saraca asoca</i>	Asoca	அசுகா
51	<i>Strobilus asper</i>	Piray maram	பிராய் மரம்
52	<i>Strychnos nuxvomica</i>	Yetti	யெட்டி
53	<i>Strychnos potatorum</i>	Therthang Kottai	தேர்தாங்கு கோட்டை
54	<i>Syzygium cumini</i>	Naval	நாவல்
55	<i>Terminalia belleric</i>	Thandri	தாண்டி
56	<i>Terminalia arjuna</i>	Ven marudhu	வேன் மருத்து
57	<i>Toona ciliata</i>	Sandhana vembu	சந்தாண வேம்பு
58	<i>Thespesia populnea</i>	Pirvarasu	பூங்க
59	<i>Walsuratrifoliata</i>	valsura	வால்சுரா
60	<i>Wrightia tinctoria</i>	Veppalai	வேப்பலை
61	<i>Pithecellobium dulce</i>	Kodukkapuli	கொடுக்காப்பூசி


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