

PROPOSAL TO OBTAIN ENVIRONMENT CLEARANCE FROM

***DISTRICT ENVIRONMENT IMPACT ASSESSMENT AUTHORITY (DEIAA),
MADURAI DISTRICT, TAMILNADU***

FOR QUARRYING OF THENPALANJI

ROUGH STONE QUARRY

(TO SUBMISSION OF FORM -1, APPROVED MINING PLAN & PRE-FEASIBILITY REPORT)

(PROJECT CATEGORY-"B2" / PATTA LAND)

(LEASE PERIOD – FIVE YEARS)

LOCATION OF THE QUARRY LEASE APPLIED AREA

Extent : 1.61.0Ha
S.F.No's : 23/2B, 23/2E, 23/2F & 23/3
Village : Thenpalanji
Taluk : Thiruparankundram
District : Madurai
State : Tamilnadu

APPLICANT

M.Rajasekar,

S/o.Marimuthu Pillai,

Old No.11-3-22, New No.1-3-4A,

Pandiyan Nagar 3rd Street,

Karisalkulam, Vilangudi Post,

Madurai-625 108.

PREPARED BY

Dr. P. Thangaraju, M.Sc., Ph.D.,

Qualified person

INDEX FILE

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To consider the proposal for the grant of Environment Clearance for Rough stone Quarry for over an extent of 1.61.0ha in at S.F.Nos: 23/2B, 23/2E, 23/2F & 23/3 of Thenpalanji Village,

Thiruparankundram Taluk, Madurai District By Thiru. M.Rajasekar,

The salient features of the proposal are as follows:

S.No:	Details of the proposal	:	Data furnished	Page No:												
1.	Name of the owner/Firm	:	M.Rajasekar, S/o.Marimuthu Pillai, Old No.11-3-22, New No.1-3-4A, Pandiyar Nagar 3rd Street, Karisalkulam, Vilangudi Post, Madurai-625 108. Mobile No: 98421 52588	19,79,175,												
2.	Type of quarrying (Savudu/Rough stone/ Sand/Granite)	:	It is a Rough stone Quarry project	17,83,175,												
3.	S.F.No of the quarry site with area break up	:	23/2B, 23/2E, 23/2F & 23/3	17,83,175,												
4.	Village in which situated	:	Thenpalanji Village	17,83,175,												
5.	Taluk in which situated	:	Thiruparankundram Taluk	17,83,175,												
6.	District in which situated	:	Madurai District	17,83,175,												
7.	Extent of quarry (in ha)	:	1.61.0ha	17,83,175,												
8.	Period of quarrying proposed	:	Five years	79,												
9.	Production (Quantity in m ³)	:	The proposed quantity of reserves is 1,27,530m³ of Rough stone for a period of five years only.	17,89,91, 95,191,193, 197,												
10.	Latitude and Longitude of all corners of the quarry site	:	09°55'00.88"N to 09°55'06.10"N 77°59'53.01"E to 78°00'00.34"E	85,151,181,												
11.	Topo sheet No	:	58-G/13	85,151,181,												
12.	Precise area communication approved by the District Collector with date	:	The Precise area Communication letter was received from the District Collector, Madurai, vide: Rc.No.1237/2018-Mines, Dated: 29.10.2018	133,												
13.	Mining plan approved by the Assistant Director of the District with date	:	The Mining Plan was got approval by Deputy Director, Department of Geology and Mining, Madurai vide Rc.No.1237/2018-Mines, Dated: 02.11.2018	55,												
14.	Water Requirement: 1. Drinking & Domestic purpose (in KLD) 2. Dust suppression & Green Belt (in KLD)	:	<table border="1"> <thead> <tr> <th>Purpose</th> <th>Quantity KLD</th> <th>Source</th> </tr> </thead> <tbody> <tr> <td>Drinking & Domestic Purpose</td> <td>1.5 KLD</td> <td>Water vendors/ bore well</td> </tr> <tr> <td>Dust Suppression</td> <td>1.0 KLD</td> <td>Existing bore well on nearby quarry area</td> </tr> <tr> <td>Green belt development</td> <td>0.5 KLD</td> <td>Existing bore well on nearby quarry area</td> </tr> </tbody> </table>	Purpose	Quantity KLD	Source	Drinking & Domestic Purpose	1.5 KLD	Water vendors/ bore well	Dust Suppression	1.0 KLD	Existing bore well on nearby quarry area	Green belt development	0.5 KLD	Existing bore well on nearby quarry area	33,201,
Purpose	Quantity KLD	Source														
Drinking & Domestic Purpose	1.5 KLD	Water vendors/ bore well														
Dust Suppression	1.0 KLD	Existing bore well on nearby quarry area														
Green belt development	0.5 KLD	Existing bore well on nearby quarry area														
15.	Depth of quarrying	:	The quarry operation is Proposed up to depth of 31 m below the ground level for a period of five years only.	95												
16.	Project cost (Excluding EMP cost)	:	The total project cost (A+B) and including CSR Cost is about Rs. 46,79,000/- (Rupees forty six lakhs and seventy nine thousand only)	123,125, 225,												
17.	EMP cost	:	The total EMP cost is around Rs. 3,80,000/- (Rupees Three lakhs and eighty thousand only)	125,225,												

Checklist for Mining of Minor Mineral 0 - 4.99 Ha for B2 Category mines & Cluster of Mines within 25 Ha fallen within 500m radius

S.No:	Details of the proposal	:	Data furnished	Page No:												
1.	Name of the owner/Firm	:	Thiru. M.Rajasekar,	19,79,175,												
2.	Correspondence Address with Pin Code	:	S/o.Marimuthu Pillai, Old No.11-3-22, New No.1-3-4A, Pandiyar Nagar 3rd Street, Karisalkulam, Vilangudi Post, Madurai-625 108													
3.	Mobile Number Aadhaar No	:	98421 52588 6365 7827 3475	19,												
4.	Email	:	infogeoexploration@gmail.com	19,												
5.	Type of quarrying (Earth/ Rough stone and Gravel/Sand/Granite)	:	It is a Rough stone project in Thenpalanji Village.	17,83,175,												
6.	S.F. No of the Quarry site	:	S.F.Nos: 23/2B, 23/2E, 23/2F & 23/3 at Thenpalanji Village, Thiruparankundram Taluk, Madurai District	17,83,175,												
7.	Village , Town Panchayat/ Panchayat Union in which the village is situated	:	Village : Thenpalanji Panchayat Union : Thiruparankundram	17,83,175,												
8.	Taluk in which situated	:	Thiruparankundram Taluk	17,83,175,												
9.	District in which situated	:	Madurai District	17,83,175,												
10.	Extent of quarry (in Ha)	:	1.61.0ha	17,83,175,												
11.	New or existing quarry	:	It is a fresh application, the area has been quarrying in earlier	91												
12.	If in case of existing Rough stone and Gravel/ Blue Metal/ Granite Quarry, the length, width and depth to which quarrying has already been done (below the ground level/ above the ground level)	:	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Pit</th> <th>Length in m (max)</th> <th>Width in m (max)</th> <th>Depth in m (max)</th> </tr> </thead> <tbody> <tr> <td>I</td> <td>100</td> <td>38</td> <td>8m below the ground level</td> </tr> <tr> <td>II</td> <td>75</td> <td>58</td> <td>21m below the ground level</td> </tr> </tbody> </table>	Pit	Length in m (max)	Width in m (max)	Depth in m (max)	I	100	38	8m below the ground level	II	75	58	21m below the ground level	91
Pit	Length in m (max)	Width in m (max)	Depth in m (max)													
I	100	38	8m below the ground level													
II	75	58	21m below the ground level													
13.	If quarrying had been done below the ground level/above the Ground level, the height of quarrying	:	The quarrying operation already had done by the maximum depth for 21m below the ground level.	91												
14.	Name of the owner who had earlier undertaken the quarrying & a copy of mining lease issued with date	:	It is a fresh application, (the area has been quarrying operation earlier) in Thenpalanji Village	91												
15.	Proof of land ownership. If owned patta copy. If not own patta land agreement/ lease copy entered with the owner (to be enclosed)	:	It is a Patta land, registered the Name of Thiru.V.Selvaraj, vide Patta Nos. 583 & 19. The applicant has obtained consent from the Pattadhar. Refer the Patta & Consent copy Annexure No. IV & VII.	85,139,												

16.	Period of quarrying	:	Five years	79,												
17.	Production (quantity in m ³)	:	The proposed quantity of reserves is 127530m³ (or) 21255 Lorry Loads of Rough stone up to a depth for 31m below the ground level for a period of five years only.	17,89,91, 95,191,193, 197,												
			<table border="1"> <thead> <tr> <th>Description</th> <th>Rough stone in m³</th> <th>Topsoil in m³</th> </tr> </thead> <tbody> <tr> <td>Geological Resources</td> <td>483000</td> <td>16100</td> </tr> <tr> <td>Available Mineable reserves</td> <td>127530</td> <td>3601</td> </tr> <tr> <td>Five years plan period As in the approved mining plan</td> <td>127530</td> <td>3601</td> </tr> </tbody> </table>		Description	Rough stone in m ³	Topsoil in m ³	Geological Resources	483000	16100	Available Mineable reserves	127530	3601	Five years plan period As in the approved mining plan	127530	3601
			Description		Rough stone in m ³	Topsoil in m ³										
			Geological Resources		483000	16100										
Available Mineable reserves	127530	3601														
Five years plan period As in the approved mining plan	127530	3601														
18.	Method of Mining	:	The quarrying operation will be carried out by Mechanized Opencast Method mining with 5.0 meter vertical bench with a bench width is not less than the bench height. The quarry operation involves shallow jack hammer drilling, slurry explosives in blasting, excavation, Loading and transportation of Rough stone to the needy crusher.	93,195,												
19.	Top soil/ Overburden in case of Rough stone and Gravel/ Blue Metal	:	The overburden in the form of Topsoil formation, the Topsoil will be removed and preserved all along the boundary barrier to facilitate the green belt development.	93,												
20.	Quantity of rejects in m ³ in case of Granite Mining	:	There is no rejects	93,												
21.	Length, Width, Depth & Proposed Quarry in meters.	:	<table border="1"> <thead> <tr> <th>Length in (m) (max)</th> <th>Width in (m) (avg)</th> <th>Depth in (m) (max)</th> </tr> </thead> <tbody> <tr> <td>190m</td> <td>59m</td> <td>31m from below ground level</td> </tr> </tbody> </table>	Length in (m) (max)	Width in (m) (avg)	Depth in (m) (max)	190m	59m	31m from below ground level	99						
			Length in (m) (max)	Width in (m) (avg)	Depth in (m) (max)											
190m	59m	31m from below ground level														
22.	Land use pattern for a radius of 1Km around the quarry site such as Agriculture, Habitation etc.,	:	Land use pattern Quarry Pit – 02% Trees / Coconut Farm – 09% Seasonal Agri Land – 45% Barren Land – 09% Odai / Tank – 16% Raods – 09% Habitations – 08% Crusher – 02%	155												
23.	Details of other quarries for a radius of 1Km, around the quarry site.	:	The village Topo sketch map showing the quarry of existing and proposed site. There are no quarries is situated within the radius of 500m radius.	251												
24.	Aerial distance from periphery of the site to the nearest habitation	:	The Nearest habitation Thenpalanji is 1.5km on Southeastern side of the area.	49,117,217,												

25.	Aerial distance to the interstate borders, in case of Rough stone and Gravel/ Blue Metal/ Granite quarry to be obtained from IRS, Anna University.	:	There is no interstate boundary within radius of 10km.	49,215,
26.	In case of Rough stone and Gravel/ Blue Metal/ Granite quarry no objection certificate from the concerned district Forest Officer/ Wild Life Sanctuaries/ National Parks/ HACA/ Western Ghats region if the quarry site is within 10 Kms of these areas.	:	There is no NOC is enclosed.	-
27.	Aerial distance to the nearest eco-sensitive areas, CRZ, Forests, Monuments etc., within 10Kms of these areas.	:	There is no Reserve forest, eco-sensitive areas, CRZ, within the radius of 10km. Kundimangalam Reserve forest is situated about 3.5km form the Northeastern side of the lease applied area. Nagamalai Reserve Forest is situated 3.5km Northern side of the lease applied area.	49,215,
28.	Latitude and Longitude of all corners of the quarry site.	:	09°55'00.88"N to 09°55'06.10"N 77°59'53.01"E to 78°00'00.34"E	85,151,181,
29.	Topo Sheet No	:	58-G/13	85,151,181,
30.	Copy of explosives license and a consent letter/ agreement of competent recognized person who has agreed to handle explosive for the blasting, in case of Rough stone and Gravel/ Blue Metal/ Granite quarry.	:	A copy of agreement is enclosed.	255,257
31.	Brief details of APC measures proposed to be proposed to be implemented.	:	The Air quality will be affected during the quarrying period due to blasting and jackhammer drilling, which will be within prescribed limits. Air quality will be monitored periodically as per norms and Mitigation measures will be carried out to prevent dust and air propagation in to air. Mist water spraying will be carried out to suppress dust and also wet drilling practiced.	117

32.	Mine Closure Plan to be furnished in Mining plan.	:	There is no proposal for back filling, reclamation and rehabilitation. The quarry pit will be fenced by barbed wire to prevent inherent entry of public and cattle. The quarried out pit will be allowed to collect rain and seepage water which will act as a reservoir for storage. This water storage will enhance the static level and ground water recharge on nearby wells.	127								
33.	Mining plan prepared by (Xerox copy of certificate to be attached)	:	Qualified Person certificate with validity is enclosed as Annexure No: IX	149,								
34.	Precise area communication approved by the District Collector	:	The Precise area Communication letter was received from the District Collector, Madurai, vide: Rc.No.1237/2018-Mines, Dated: 29.10.2018.	133,								
35.	Mining plan approved by the Deputy/ Assistant Director of the District.	:	The Mining Plan was got approval by Deputy Director, Department of Geology and Mining, Madurai vide Rc.No.1237/2018-Mines, Dated: 02.11.2018	55,								
36.	Water requirement : a) Drinking & domestic purposes in KLD. b) Dust suppression (in KLD) c) Green belt (in KLD)	:	Drinking Water – 1.5 KLD & Domestic purpose Dust Suppression – 1.0 KLD Green belt – 0.5 KLD Total – 3.0 KLD	33,201,								
37.	Source of water	:	<table border="1"> <thead> <tr> <th>Purpose</th> <th>Sources</th> </tr> </thead> <tbody> <tr> <td>Drinking & Domestic Purpose</td> <td>Water purchase from approved water vendors available in Thenpalanji (1.5km – Southeastern side)</td> </tr> <tr> <td>Dust suppression</td> <td>Existing bore well on nearby quarry area</td> </tr> <tr> <td>Green belt development</td> <td>Existing bore well on nearby quarry area</td> </tr> </tbody> </table>	Purpose	Sources	Drinking & Domestic Purpose	Water purchase from approved water vendors available in Thenpalanji (1.5km – Southeastern side)	Dust suppression	Existing bore well on nearby quarry area	Green belt development	Existing bore well on nearby quarry area	33,201,
Purpose	Sources											
Drinking & Domestic Purpose	Water purchase from approved water vendors available in Thenpalanji (1.5km – Southeastern side)											
Dust suppression	Existing bore well on nearby quarry area											
Green belt development	Existing bore well on nearby quarry area											
38.	Ground water table	:	The Ground water is about 40mt depth from ground level.	85,103,								
39.	Project Cost (excluding EMP Cost)	:	<p>The Project cost:</p> <p>A. Project Cost = Rs. 41,84,425/- B. EMP cost = Rs. 3,80,000/- Total cost = Rs. 45,64,425/- CSR Cost (2.5%) = Rs. 1,14,575/- Total cost = Rs. 46,79,000/-</p> <p>The total project cost (A+B) and including CSR Cost is about Rs. 46,79,000/- (Rupees forty six lakhs and seventy nine thousand only)</p>	123,125,225,								
40.	EMP Cost	:	The total EMP cost is around Rs. 3,80,000/- (Rupees Three lakhs and eighty thousand only)	125,225,								

41.	Disclosure RQP	:	Dr. P. Thangaraju, M.Sc., Ph.D., Qualified person	149,
42.	Soft copy of the Form-1, Pre –feasibility report and Mining plan in CD.	:	There is enclosed Soft copy for form –1, Pre – feasibility report and mining plan in CD.	259
43.	Key map showing the approach roads to the site to be attested by the Deputy/ Assistant Director of Geology and Mining of the concerned District.	:	The Key map showing with approach roads to the site is enclosed. Plate No. IC	157
44.	Village map with S.F. Nos & salient features such as vegetation, habitations etc., for a radius of 500m around the quarry site.	:	Village map with S.F.No and Salient features such as vegetation, habitation etc., for 500mt radius is enclosed as plate no. IB	155
45.	If lakes, Ponds, river, nallah, odai etc. are situated near the quarry site permission from the concerned PWD authorities for mining	:	There are no major water bodies like River, Canal, lake, etc., within 500m radius. Thenpalanji Tank is situated 300m from the southern side of the lease applied area. Vaidai River is flow about 6.80km from the Northeastern side of the area. Paravai Kanmai is Situated about 8.5km from the Northeastern side of the area.	49,105,215,
46.	Section map for mining to be attested by the Deputy/ Assistant Director of Geology and Mining of the concerned District.	:	The Geological Plan and section in 1:1000 scales is enclosed.	161
47.	Photograph of the proposed Mining site with S.F.Nos and attested by at least VAO.	:	The Photo of the Mines site is enclosed.	213
48.	Form –1 To be signed by applicant	:	I am hereby signed	53
49.	Pre- Feasibility Report to be signed by Both applicant and RQP.	:	Pre-feasibility report has been signed by the applicant and Qualified Person	229
50.	First and last page and the page at which quantity of mining has been worked out to be signed by the Deputy/Assistant Director of Geology and Mining of the concerned District.	:	First page and last page and the quantity proposed in the plan have been signed by the Deputy Director of Geology and Mining.	131

51.	Affidavit from the applicant that child labour is not being employed in the mining activity.	:	It is been ensured that the labor will not be employed less than 18 years, No child labour will engaged or entertained for any kind of quarrying operations. All the labour engaged for quarrying operations will be insured during the quarry lease period.	245-249
52.	Affidavit from the applicant regarding planting of trees around the quarry site in fulfillment of the Green belt commitment furnished.	:	Affidavit from the applicant regarding the proposal for planting trees around the quarry and fulfillment of greenbelt commitment is enclosed.	245-249
53.	Details (POD) Regarding communicating the proposal to the members of the committee.	:		

1. Signature of the applicant

M.Rajasekar

2. Signature of the Qualified Person

Dr. P. Thangaraju, M.Sc., Ph.D.,

THENPALANJI ROUGH STONE QUARRY LEASE APPLIED AREA (1.61.0ha)

The Proponent Thiru. M.Rajasekar has applied for Environment clearance for the proposed quarry Rough stone for over an extent of **1.61.0ha** in S.F.Nos: **23/2B, 23/2E, 23/2F & 23/3** at Thenpalanji Village, Thiruparankundram Taluk, Madurai District and Tamilnadu

Salient features of the proposal are as follows:

S.No:	Details of the proposal	:	Data furnished	Page No:																					
1.	Name of the Owner + Firm	:	M.Rajasekar, S/o.Marimuthu Pillai, Old No.11-3-22, New No.1-3-4A, Pandiyan Nagar 3rd Street, Karisalkulam, Vilangudi Post, Madurai-625 108 Mobile No: 98421 52588	19,79,175,																					
2.	Location of the quarry-S.F.No.	:	S.F.Nos: 23/2B, 23/2E, 23/2F & 23/3 at Thenpalanji Village, Thiruparankundram Taluk, Madurai District	17,83,175,																					
3.	Purpose of Application	:	It is a Rough stone Quarry project in Thenpalanji Village.	17,83,175,																					
4.	Extent of quarry in Ha-	:	1.61.0ha	17,83,175,																					
5.	Land use planning a) Mining b) Storage of Topsoil over burden c) Infrastructure Road d) Utilized Area Total	:	<table border="1"> <thead> <tr> <th>Description</th> <th>Present area in (Ha)</th> <th>Area at the end of lease period (Ha.)</th> </tr> </thead> <tbody> <tr> <td>Quarrying Pit</td> <td>0.64.0</td> <td>1.06.7</td> </tr> <tr> <td>Infrastructure</td> <td>0.01.0</td> <td>0.01.0</td> </tr> <tr> <td>Roads</td> <td>0.03.0</td> <td>0.03.0</td> </tr> <tr> <td>Green Belt</td> <td>Nil</td> <td>0.20.0</td> </tr> <tr> <td>Unutilized Area</td> <td>0.93.0</td> <td>0.30.3</td> </tr> <tr> <td>Grand Total</td> <td>1.61.0</td> <td>1.61.0</td> </tr> </tbody> </table>	Description	Present area in (Ha)	Area at the end of lease period (Ha.)	Quarrying Pit	0.64.0	1.06.7	Infrastructure	0.01.0	0.01.0	Roads	0.03.0	0.03.0	Green Belt	Nil	0.20.0	Unutilized Area	0.93.0	0.30.3	Grand Total	1.61.0	1.61.0	23,113,207,
Description	Present area in (Ha)	Area at the end of lease period (Ha.)																							
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Grand Total	1.61.0	1.61.0																							
6.	Production (quantity in m ³)	:	The proposed quantity of reserves is 127530m³ (or) 21255 Lorry Loads of Rough stone up to a depth for 31m below the ground level for a period of five years only. <table border="1"> <thead> <tr> <th>Description</th> <th>Rough stone in m³</th> <th>Topsoil in m³</th> </tr> </thead> <tbody> <tr> <td>Geological Resources</td> <td>483000</td> <td>16100</td> </tr> <tr> <td>Available Mineable reserves</td> <td>127530</td> <td>3601</td> </tr> <tr> <td>Five years plan period As in the approved mining plan</td> <td>127530</td> <td>3601</td> </tr> </tbody> </table>	Description	Rough stone in m³	Topsoil in m³	Geological Resources	483000	16100	Available Mineable reserves	127530	3601	Five years plan period As in the approved mining plan	127530	3601	17,89,91, 95,191,193, 197,									
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Geological Resources	483000	16100																							
Available Mineable reserves	127530	3601																							
Five years plan period As in the approved mining plan	127530	3601																							
7.	Top soil & overburden (quantity in m ³)	:	The overburden in the form of Topsoil formation about 3601m³ , the Topsoil will be removed and preserved all along the boundary barrier to facilitate the green belt development.	93,																					
8.	Method of Mining	:	The quarrying operation will be carried out by Mechanized Opencast Method mining with 5.0 meter vertical bench with a bench width is not less than the bench height. The quarry operation involves shallow jack hammer drilling, slurry explosives in blasting, excavation, Loading and transportation of Rough stone to the needy crusher.	93,195,																					

9.	Life of Mine as per approved mining plan	:	Five years	79,																				
10.	Height / width of the bench	:	Height 5.0 m & Width 5.0 m.	93,																				
11.	Source of water / quantity required	Quantity required (in litres)	Source	33,201,																				
	a. Drinking & Domestic Purpose	1.5KLD	Approved Water vendors																					
	b. Dust Suppression	1.0KLD	Existing bore well on nearby quarry area																					
	c. Green belt development	0.5KLD	Existing bore well on nearby quarry area																					
12.	Waste water Sewage water	:	There is no waste water.	37,																				
	Mode of disposal	:	The septic tank is constructed on permanent structure with in the quarry lease area.																					
		:	To local Panchyat Authority																					
13.	APC Measures	:	1.Mist Spray using water tankers, 2. Enclosed covered system. (Tarpaulin) for transportation.	39,																				
14.	Ariel distance of nearest habitation	:	<table border="1"> <thead> <tr> <th>S. No</th> <th>Name of the Village</th> <th>Approximate Distance & Direction from lease area</th> <th>Approximate population</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Vadapalanji</td> <td>1.5km - NE</td> <td>700</td> </tr> <tr> <td>2.</td> <td>Thenpalanji</td> <td>1.5km - SE</td> <td>600</td> </tr> <tr> <td>3.</td> <td>Mavilipatti</td> <td>1.5km - SW</td> <td>400</td> </tr> <tr> <td>4.</td> <td>Kinnimangalam</td> <td>1.0km - NW</td> <td>500</td> </tr> </tbody> </table>	S. No	Name of the Village	Approximate Distance & Direction from lease area	Approximate population	1.	Vadapalanji	1.5km - NE	700	2.	Thenpalanji	1.5km - SE	600	3.	Mavilipatti	1.5km - SW	400	4.	Kinnimangalam	1.0km - NW	500	49,117,217,
S. No	Name of the Village	Approximate Distance & Direction from lease area	Approximate population																					
1.	Vadapalanji	1.5km - NE	700																					
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3.	Mavilipatti	1.5km - SW	400																					
4.	Kinnimangalam	1.0km - NW	500																					
15.	Ariel distance from Reserve forest, Sensitive areas, Forest, Bird sanctuaries, Wild life sanctuaries, National parks, Monuments etc., within 10km	:	<p>Reserved forest – Nil</p> <p>Wild life sanctuaries – Nil</p> <p>Bird Sanctuaries – Nil</p> <p>National Park – Nil</p> <p>Monuments – Nil</p> <p>Western Ghats – Nil</p> <p>Kundimangalam Reserve forest is situated about 3.5km form the Northeastern side of the lease applied area.</p> <p>Nagamalai Reserve Forest is situated 3.5km Northern side of the lease applied area.</p>	49,215,																				
16.	Land ownership document Own patta land Lease Govt. Poramboke	:	It is a Patta land, registered the Name of Thiru.V.Selvaraj, vide Patta Nos. 583 & 19. The applicant has obtained consent from the Pattadhar. Refer the Patta & Consent copy Annexure No. IV & VII.	85,139,																				
17.	Land use classification	:	The topography of the area is exhibits almost plain Topography.	85,																				
18.	Mining plan Prepared by	:	Dr. P. Thangaraju, M.Sc., Ph.D., Qualified Person	149,																				

19.	Precise area statement Approved by	:	The Precise area Communication letter was received from the District Collector, Madurai, vide: Rc.No.1237/2018-Mines, Dated: 29.10.2018	133,
20.	Approved by	:	The Mining Plan was got approval by Deputy Director, Department of Geology and Mining, Madurai vide Rc.No.1237/2018-Mines, Dated: 02.11.2018	55,
21.	Nearby quarries	:	There are No quarries is situated within the radius of 500m radius.	251
22.	Nearby lake / river/ odai / channel etc.	:	There are no major water bodies like River, Canal, lake, etc., within 500m radius. Thenpalanji Tank is situated 300m from the southern side of the lease applied area. Vaidai River is flow about 6.80km from the Northeastern side of the area. Paravai Kanmai is Situated about 8.5km from the Northeastern side of the area.	49,105,215,
23.	Latitude / Longitude	:	09°55'00.88"N to 09°55'06.10"N 77°59'53.01"E to 78°00'00.34"E	85,151,181,
24.	Topo Sheet No.	:	58-G/13	85,151,181,
25.	Total Project cost (Fixed asset cost + Operational Cost + EMP cost)	:	The Project cost: A. Project Cost = Rs. 41,84,425/- B. EMP cost = Rs. 3,80,000/- Total cost = Rs. 45,64,425/- CSR Cost (2.5%) = Rs. 1,14,575/- Total cost = Rs. 46,79,000/- The total project cost (A+B) and including CSR Cost is about Rs. 46,79,000/- (Rupees forty six lakhs and seventy nine thousand only)	123,125, 225,
26.	EMP cost	:	The total EMP cost is around Rs. 3,80,000/- (Rupees Three lakhs and eighty thousand only)	125,225,
27.	Water table	:	The Ground water is about 40mt depth from ground level.	85,103,
28.	Interstate boundary	:	There is no interstate boundary within radius of 10km	49,215,
29.	Western Ghats	:	There is no western Ghats within the radius of 10km	49,215,

From:

M.Rajasekar,
S/o.Marimuthu Pillai,
Old No.11-3-22, New No.1-3-4A,
Pandiyan Nagar 3rd Street,
Karisalkulam, Vilangudi Post,
Madurai-625 108
Mobile No: 98421 52588

To:

The Chairman,
District Environment Impact Assessment Authority (DEIAA)
Revenue Divisional Office,
District Collectorate Campus,
Madurai District – 625 020.

Sir,

Sub: Submission of Approved Mining Plan (**Rc.No.1237/2018-Mines, Dated: 02.11.2018**) Form–1 and Pre-feasibility report for obtaining Environment Clearance for our Thenpalanji Rough stone Quarry - Reg.,

I am here by submitting the processing fee in the form of Challan for Ten thousand, along with Form-1, Pre-feasibility report and Approved mining plan to your good office for obtaining clearance from DEIAA, Madurai, for our Thenpalanji Rough stone Quarry Lease applied area for over an extent of **1.61.0Ha** situated in **S.F.Nos: 23/2B, 23/2E, 23/2F & 23/3** at Thenpalanji Village, Thiruparankundram Taluk, Madurai District, Tamilnadu.

I have submitted all the relevant documents to your good office to the best of our knowledge. If any clarifications are required, we are ready to submit the same to your office at your convenient time. Also we are ready to present the project in front of the committee.

Hence we request your good office to kindly process our application and allow us to present our project at the earliest.

Thanking you.

Yours sincerely

M.Rajasekar

Place: Madurai
Date: 13.11.2018