

EXECUTIVE SUMMARY FOR PROPOSED ROUGH STONE QUARRY CATEGORY – B1

(Public Hearing Upgraded after Terms of Reference (ToR) as per the provisions of
EIA Notification 2006 & amendments thereof)

APPROVED TOR VIDE TOR IDENTIFICATION No. TO25B0108TN5118278N DATED: 25.09.2025

PROPOSED QUARRY LEASE DETAILS	
SURVEY NOS	27/1A (BLOCK-3)
VILLAGE	ELAMBALUR
TALUK	PERAMBALUR
DISTRICT	PERAMBALUR
EXTENT	2.50.0 Ha
CLUSTER EXTENT	6.30.0 Ha
MINEABLE RESERVES (upto 67m AGL)	ROUGH STONE: 3,32,265 m ³
PROPOSED PRODUCTION QUANTITY FOR FIRST FIVE YEARS (upto 67m AGL)	ROUGH STONE: 2,17,410m ³
PROPOSED PRODUCTION QUANTITY FOR SECOND FIVE YEARS (upto 67m AGL)	ROUGH STONE: 1,14,855 m ³
LAND	GOVERNMENT

(Sector No. 1(a) (Sector no.1 as per NABET)
Category of the Project: B1 Cluster Mining, Total Cluster Area – 6.30.00 Ha
Baseline Monitoring Period – March 2025 – May 2025

APPLICANT

M/s. ELANGO VAN STONE CRUSHER

NO.1/154, EAST STREET,
SOMANDAPUDUR, ESANAI,
PERAMBALUR – 621 219

ENVIRONMENTAL CONSULTANT	LABORATORY
M/s. GLOBAL MINING SOLUTIONS (NABET Accredited & ISO 9001 Certified Consultant) Plot No. 6, S.F.No. 13/2, A2, VS City, RC Chettypatty, Kottamettupatty, Omalur, Salem, Tamil Nadu – 636 455. NABET Accreditation No: NABET/EIA/23-26/SA 0241 Valid up to: 04.01.2026 Contact: 97502 23535 & 94446 54520 Email: infoglobalmining@gmail.com, globalminingsolutionssalem@gmail.com	M/s. SHRIENT ANALYTICAL & RESEARCH LABS PRIVATE LIMITED (NABL Accredited Testing Laboratory) #416/15, Dhargas Road, Perungalathur, West Tambaram, Chennai, Tamil Nadu, India.



NOVEMBER 2025



EXECUTIVE SUMMARY

1.0 Introduction

Environmental Impact Assessment (EIA) as a tool used to identify the environmental, social and economic impacts of a project prior to decision-making. It aims to predict environmental impacts at an early stage in project planning and design, find ways and means to reduce adverse impacts, shape projects to suit the local environment and present the predictions and options to decision-makers.

This proposal is towards obtaining environmental clearance for Rough Stone Quarry located at S. No. 27/1A (Block-3), Elambalur Village, Perambalur Taluk, Perambalur District, Tamil Nadu, for production capacity of 3,32,265 m³ (31.7%) of Rough Stone for the period of 10 years with ultimate depth up to 67m AGL. The mining plan has prepared and same was approved by Assistant Director, Department of Geology and Mining, Perambalur vide Rc. No. 111/G&M/2025, dated: 06.06.2025

As per EIA notification, 2006 and its subsequent amendments the proposed "Rough Stone Quarry of Elangovan Stone Crusher" falls under Schedule 1(a) Mining of Minerals. It is further classified under Category B1 due to the overall extent of cluster area is 6.30.00 Ha which is >5 Ha. The ToR for the preparation of EIA/EMP was approved vide ToR Identification No. TO25B0108TN5118278N dated 25.09.2025. This report has been prepared in line with the approved TOR for production of maximum excavation 3,32,265 m³ of Rough Stone for 10 years.

1.1 Details of Project Proponent

Name of the Proponent : ELANGO VAN STONE CRUSHER
Status of the Proponent : Firm
Address : M/s. ELANGO VAN STONE CRUSHER
No.1/154, East Street,
Somandapudur, Esanai,
Perambalur – 621 219.

1.2 Size and Location of the Project

S. No.	Feature	Description
1	Co-ordinates of the project	Latitude: 11°16'19.92"N to 11°16'27.05"N Longitude: 78°52'23.09"E to 78°52'31.80"E
2	Type of land	Government Poramboke Land
3	Extent of lease area	2.50.0 Ha and the cluster area within 500 m radius including the proposed mine is 6.30.00 Ha > 5 Ha
4	Type of lease	Existing Quarry
5	Toposheet No.	58 I /16
6	Geological Resource	10,48,990 m ³
7	Mineable Resource	3,32,265 m ³
8	Proposed production quantity for ten years	3,32,265 m ³ (31.7%)
9	Peak Production / year	The Annual Peak production quantity of Rough Stone - 43,650m ³ (4th YEAR)
10	Proposed depth of mining	67m AGL

1.3 Statutory Details:

There is no litigation/court cases pending against this project.

a) Precise Area Communication:

The Project Proponent has obtained Precise area communication letter received from the Assistant Director, Department of Geology and Mining, Perambalur, vide Rc.No.111/G&M/2025, dated: 02.05.2025. **The letter copy enclosed as Annexure – 1.**

b) Mining Plan Approval Letter:

The project proponent has prepared a Mining Plan under rule 8, 41 & 42 of Tamil Nadu Minor Mineral Concession Rules, 1959 and the same has been approved by the

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Assistant Director, Department of Geology and Mining, Perambalur, vide Rc.No.111/G&M/2025, dated: 06.06.2025. **The approval letter along with approved plan is enclosed as Annexure – 2.**

c) 500m radius quarry features:

The project proponent has obtained an official letter from the Assistant Director (FAC), Department of Geology and Mining, Perambalur vide Letter vide Rc.No.111/G&M/2025, dated 06.06.2025. **The letter copy enclosed as Annexure - 3.**

d) VAO certification regarding 300 meter features of the project area.

There are no historical places, schools, cemeteries, temples, bird sanctuaries, and wildlife sanctuaries within 300 metres of the proposed project area. In this regard, the project proponent has received an official letter from the Village Administrative Officer, Elambalur dated 20.06.2025.

e) Land document of the proposed lease area:

It is a Government Poramboke Land and the proponent has obtained Tender

f) CER Letter:

The project proponent has obtained an official letter from Panchayat Union Primary School, Elambalur dated 20.06.2025.

g) QP Certificate:

The mining plan for this project has been prepared by Thiru.C.Natarajan, a Geologist, has 10 years of experience with M.Sc Geology. He is working at Global Mining Solutions as a QP for preparing Mining Plans.

h) NABET Certificate:

The Project Proponent has engaged Global Mining Solutions to prepare a Pre-Feasibility report & Environmental Clearance application for this project. Global Mining Solution is A NABET & an ISO 9001 Certified Consultant.

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Salient Features of the Project

S. No.	Particulars	Details
1.	Proponent Name	M/s. Elangovan Stone Crusher
2.	Proposed project	Rough Stone Quarry of M/s. Elangovan Stone Crusher
3.	Extent	2.50.0 Ha and the cluster area within 500 m radius including the proposed mine is 6.30.00 Ha > 5 Ha
4.	Location	S.F.No. 27/1A (Block-3), Elambalur Village, Perambalur Taluk, Perambalur District
5.	Co-ordinates of the project site	Latitude: 11°16'19.92"N to 11°16'27.05"N Longitude: 78°52'23.09"E to 78°52'31.80"E
6.	Topography	Plain Terrain
7.	Site Elevation above MSL	≈ 295 m from above MSL. Initial RL before commencement of Mining – 295m BGL and Final RL after completion of Mining Operation – 228m BGL
8.	Topo Sheet No.	58 I /16
9.	Minerals of Mine	Rough Stone
10.	Proposed production in m ³	3,32,265 m ³ of Rough Stone
11.	Ultimate Depth of mining	67m AGL
12.	Method of Mining	Opencast Mining with a bench height of 5m and bench width of 5m is proposed
13.	Drilling/Blasting	Drilling and controlled Blasting is proposed
14.	No. of Working days	300 Days
15.	Water requirement & Source	5.5 kLD and will be sourced from local vendors

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16.	Manpower	31 Nos.
17.	Project Cost	Rs. 583.06 lakhs
18.	Mining Plan Approval	Assistant Director, Department of Geology and Mining, Perambalur vide Rc.No.111/G&M/2025, dated: 06.06.2025
19.	Safety Zone	0.64.0 Ha will be maintained as safety zone and tree saplings will be planted in this area
20.	Ground water level	70 m BGL
21.	Distance of Stone Crusher	260m, N
22.	Previous History & CCR	This is a Fresh Lease. Hence CCR is not applicable

Environmental Settings of the Project

S. No.	Particulars	Details
1.	Nearest Highway	(NH-136) Ariyalur – Athur Road- 376 m (S) (SH-157) Perambalur – Athur Road- 2.6 km (SW)
2.	Interstate Boundary	Not Applicable
3.	Nearest Railway Station	Ariyalur Railway Station (24.9 km, SE)
4.	Nearest Airport	Trichy International Airport – 58km, S
5.	Nearest Village	Perambalur– 1.8km (S)
6.	Water bodies	Elambalur Periyaeri – 657 m (SW), Elambalur Sitheri – 1.1 km (SE), Koneri River – 1.2 km (NW), Adaikanur Lake – 1.5 km (NE), Sengunam Tank – 3.7 km (E), Keela Eri – 4.2 km (S), Perambalur Melaeri – 4.4 km (SW), Brammadesan Eri – 4.6 km (NE), Thoramangalam Big Tank – 4.6 km (SW), Alambadi

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		Tank – 4.8 km (W), Aranari Tank – 5.3 km (SW), Sirukudal Tank – 5.8 km (NE), Sinjeri Tank – 6.0 km (SW), Kurumbalur Tank – 7.5 km (SW)
7.	Reserved Forest	Puliyur Extn 1 R.F. – 5.2 km (W), Puliyur R.F. – 7.5 km Chittali R.F. – 7.7 km (SE)
8.	Eco Sensitive Zone and Wildlife Sanctuary (Notified)	Nil within 10km Radius
9.	Archaeological important places	Nil within 10 km radius
10.	Defense Installations	Nil within 10 km radius
11.	Nearest Port	Nil within 10 km radius
12.	Seismic Zone	Nil within 10 km radius

2.0 Project Description

The type of the project is opencast mechanized mining method to excavate Rough Stone within the proposed Mine Lease area with drilling, blasting, loading and transportation.

2.1 Location details

This is a Rough Stone Quarry located in Elambalur Village, Perambalur Taluk, Perambalur District. The area lies in the north latitude of **11°16'19.92"N to 11°16'27.05"N** and eastern longitude of **78°52'23.09"E to 78°52'31.80"E** and **toposheet number 58 I/16**. This proposed project area is classified as Government Poramboke Land and the applicant has Tender & does not fall within 10 km radius of any Eco – sensitive zone, Wild life Sanctuary, National Park, Tiger Reserve, Elephant Corridor and Biosphere Reserves.

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2.2 Geological resources

The Resources and Reserves of Rough Stone were calculated based on Cross-Section Method to cover the maximum lease area

Available Geological Resources

Section	Topography	Bench	Length (m)	Width (m)	Depth (m)	Topsoil (m³)	Geological Resources of Rough Stone (m³)	Bulk Density	Topsoil (Ts)	Geological Resources of Rough Stone (Ts)
XY-AB	Above Ground Level	I	278	139	2	77284	-	2	154568	-
		II	70	23	5	-	8050	2.75	-	22137.50
		III	126	38	5	-	23940	2.75	-	65835.00
		IV	151	50	5	-	37750	2.75	-	103812.50
		V	163	60	5	-	48900	2.75	-	134475.00
		VI	177	67	5	-	59295	2.75	-	163061.25
		VII	193	74	5	-	71410	2.75	-	196377.50
		VIII	212	80	5	-	84800	2.75	-	233200.00
		IX	229	86	5	-	98470	2.75	-	270792.50
		X	245	95	5	-	116375	2.75	-	320031.25
		XI	250	100	5	-	125000	2.75	-	343750.00
		XII	250	100	5	-	125000	2.75	-	343750.00
		XIII	250	100	5	-	125000	2.75	-	343750.00
		XIV	250	100	5	-	125000	2.75	-	343750.00
		Total						77284	1048990	-

Topsoil Formation: 77,284 m³

The Geological Resource of Rough Stone: 10,48,990 m³

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2.3 Mineable resources

The mineable reserves are calculated by considering bench formation and leaving (Safety Barrier all around the applied area) and 10 m safety distance in applied lease areas.

Section	Topography	Bench	Length (m)	Width (m)	Depth (m)	Topsoil (m³)	Mineable Reserves of Rough Stone (m³)	Bulk Density	Topsoil (Ts)	Mineable Reserves of Rough stone (Ts)
XY-AB	Above Ground Level	I	255	115	2	58650	-	2	117300	-
		II	70	13	5	-	4550	2.75	-	12512.50
		III	126	23	5	-	14490	2.75	-	39847.50
		IV	136	30	5	-	20400	2.75	-	56100.00
		V	143	35	5	-	25025	2.75	-	68818.75
		VI	152	37	5	-	28120	2.75	-	77330.00
		VII	163	39	5	-	31785	2.75	-	87408.75
		VIII	177	40	5	-	35400	2.75	-	97350.00
		IX	189	41	5	-	38745	2.75	-	106548.75
		X	195	40	5	-	39000	2.75	-	107250.00
		XI	185	35	5	-	32375	2.75	-	89031.25
		XII	175	30	5	-	26250	2.75	-	72187.50
		XIII	165	25	5	-	20625	2.75	-	56718.75
		XIV	155	20	5	-	15500	2.75	-	42625.00
Total						58650	332265	-	117300	913728.75

The mineable reserve is computed as 58650 m³ of top soil and 332265 m³ of rough stone up to a depth 67m (Above Ground Level) only.

2.4 Yearwise production resources

(i) First Five Years

Year	Section	Topography	Bench	Length (m)	Width (m)	Depth (m)	Topsoil (m³)	Rough Stone (m³)	Bulk Density	Topsoil (Ts)	Mineable Reserves of Rough Stone (Ts)
I	XY-AB	Above Ground Level	I	255	115	2	58650	-	2	117300	-
			II	60	13	5	-	3900	2.75	-	10725.00
			III	71	23	5	-	8165	2.75	-	22453.75
			IV	78	30	5	-	11700	2.75	-	32175.00
			V	85	35	5	-	14875	2.75	-	40906.25
			VI	25	37	5	-	4625	2.75	-	12718.75
Total							58650	43265	-	117300	106260.00
II	XY-AB		VI	69	37	5	-	12765	2.75	-	35103.75
			VII	105	39	5	-	20475	2.75	-	56306.25

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		Above Ground Level	VIII	51	40	5	-	10200	2.75	-	28050.00
Total							-	43440	-	-	119460.00
III	XY-AB	Above Ground Level	VIII	68	40	5	-	13600	2.75	-	37400.00
			IX	131	41	5	-	26855	2.75	-	73851.25
			X	15	40	5	-	3000	2.75	-	8250.00
Total							-	43455	-	-	119501.25
IV	XY-AB	Above Ground Level	X	122	40	5	-	24400	2.75	-	67100.00
			XI	110	35	5	-	19250	2.75	-	52937.50
Total							-	43650	-	-	120037.50
V	XY-AB	Above Ground Level	XI	17	35	5	-	2975	2.75	-	8181.25
			XII	117	30	5	-	17550	2.75	-	48262.50
			XIII	107	25	5	-	13375	2.75	-	36781.25
			XIV	97	20	5	-	9700	2.75	-	26675.00
Total							-	43600	-	-	119900.00
Grand Total							58650	217410	-	117300	585158.75

6th to 10th year

Year	Section	Topography	Bench	Length (m)	Width (m)	Depth (m)	Mineable Reserves of Rough Stone (m³)	Bulk Density	Mineable Reserves of Rough stone (Ts)
VI	XY-AB	Above Ground Level	II	10	13	5	650	2.75	1787.50
			III	55	23	5	6325	2.75	17393.75
			IV	58	30	5	8700	2.75	23925.00
			V	40	35	5	7000	2.75	19250.00
Total							22675	-	62356.25
VII	XY-AB	Above Ground Level	V	18	35	5	3150	2.75	8662.50
			VI	58	37	5	10730	2.75	29507.50
			VII	48	39	5	9360	2.75	25740.00
Total							23240	-	63910.00
VIII	XY-AB	Above Ground Level	VII	10	39	5	1950	2.75	5362.50
			VIII	58	40	5	11600	2.75	31900.00
			IX	48	41	5	9840	2.75	27060.00
Total							23390	-	64322.50
IX	XY-AB	Above Ground Level	IX	10	41	5	2050	2.75	5637.50
			X	58	40	5	11600	2.75	31900.00
			XI	58	35	5	10150	2.75	27912.50
Total							23800	-	65450.00
X	XY-AB	Above Ground Level	XII	58	30	5	8700	2.75	23925.00
			XIII	58	25	5	7250	2.75	19937.50
			XIV	58	20	5	5800	2.75	15950.00
Total							21750	-	59812.50
Grand Total							114855	-	315851.25

2.5 Land use of the project area

The entire project site is Government Land and the applicant has obtained tender. The land use pattern of the mine lease area as of today and conceptual stage is given below.

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Sl. No.	Land Use	Present Area (Ha)	Area in use during the quarrying period (Ha)
1.	Quarrying Pit	Nil	1.84.0
2.	Infrastructure	Nil	0.01.0
3.	Roads	Nil	0.01.0
4.	Green Belt	Nil	0.64.0
5.	Unutilized	2.50.0	Nil
	Total =	2.50.0	2.50.0

Ultimate Pit dimension (M) end of Mining plan Period			
Pit No	Length (max) in(m)	Width (Avg) in (m)	Depth(max) in(m)
I	230	80	67m (above ground level)

2.6 Method of mining

Opencast mechanized mining with a bench height of 5m and bench width of 5m and 80° Slope is proposed. The quarry operation involves shallow jack hammer drilling, slurry blasting, excavation, loading and transportation of Rough Stone to the needy customers. Occasionally hydraulic excavators are attached with rock breakers for fragmentation to avoid secondary blasting.

2.7 Greenbelt Development

Green belt development plan is proposed for the 5 year period.

Year	No. of trees proposed to be planted	Survival %	Name of the Species	No. of trees expected to be grown
I	640	80%	Neem, Casuarina, Pongamia pinnata, etc.,	512
II		80%		
III		80%		
IV		80%		
V		80%		

3 Description of the Environment

The baseline monitoring study was carried out during March 2025 – May 2025 to assess the existing environmental scenario in the area. For the purpose of EIA studies, project area was considered as the core zone and area outside the project area up to 10km radius from the periphery of the project site was considered as buffer zone. Baseline Environmental data has been collected for: -

- a) Land
- b) Water
- c) Air
- d) Noise
- e) Biological
- f) Socio-economic status

3.1 LAND ENVIRONMENT

The existing land use pattern of the study area is tabulated below in table 11.2.

Table - 11.2 Land use Pattern of the study area

Sl.No.	LAND USE / LAND COVER	Area in Sq.Km	Area in Percentage
1	Built-up land	14.23	4.43
2	Crop land	193.51	60.28
3	Existing quarries	4.91	1.52
4	Hill and forest	18.63	5.80
5	Land with scrub	21.31	6.63
6	Land without scrub	29.74	9.26
7	Plantations	27.32	8.51
8	Salt Affected Land	0.39	0.12
9	Water bodies	10.93	3.45
	Total Area	320.97	100.00

Source: Survey of India Toposheet and Landsat Satellite Imagery

3.2 SOIL CHARACTERISTICS

Results of the soil samples show that the pH values were found to be 6.55 to 7.49 and Electrical Conductivity values were ranging between 66.48 – 119.4 $\mu\text{mhos/cm}$. Soils are generally Loam. Organic matter values were ranging between 0.66 – 0.96 %. Total Nitrogen values were ranging between 165 - 230 mg/kg. Phosphorus values were ranging between 1.19 – 1.82 $\mu\text{g/g}$. Potassium values were ranging between 312 – 484 mg/kg. Sodium values were ranging between 454 - 690 mg/kg. Total Sulphur values were observed to be BDL.

3.3 AMBIENT AIR QUALITY

The results of ambient air quality monitoring for the period **(March 2025 to May 2025)** are presented in Chapter 3. The ambient air quality data for PM₁₀, PM_{2.5}, SO₂, NO₂, CO studied at 5 locations as per prescribed guidelines/ methods. As per the monitoring data, the PM₁₀ values were in the range of 45.4 – 67.3 $\mu\text{g/m}^3$. PM_{2.5} values were in the range of 20.9 – 30.9 $\mu\text{g/m}^3$. SO₂ levels were ranging from 3.9 – 6.8 $\mu\text{g/m}^3$. NO₂ levels were ranging from 6.4 – 23.3 $\mu\text{g/m}^3$. While comparing with the NAAQ Norms laid by MoEF, all monitored values of PM₁₀, PM_{2.5}, SO₂, NO₂ & CO were found to be well within the prescribed standards. The CO values in the all locations found to be below detectable limit.

3.4 WATER ENVIRONMENT

Ground Water

Suitability of ground water for drinking/irrigation/industrial purposes is determined keeping in view the effects of various chemical constituents present in water as required human use, plant use. Though many ions are very essential for the growth of plants and human body but when present in excess, have an adverse effect on health and growth.

As Per the data it has been observed that the pH value varies from 7.42 to 7.84, Chlorides Ranges From 86.2 - 386 mg/l, Sulphates value found to be between 98.6

- 392 mg/l, Fluoride Ranges low in lease area i.e. 0.18 – 0.45, Hardness varies from 254 - 452 mg/l, and Total dissolved solid 520 – 1246 mg/l. The ground water has been analyzed as per IS10500: 2012 and found to be suitable for drinking purpose. So, the results of chemical and bacteriological analysis of water samples are classified under good class for drinking purpose with respect to total dissolved solids. Total hardness of the samples ranged from soft to moderately hard waters and can be fairly used for drinking. Regular ground water monitoring is suggested as the quality of ground water may fluctuate with groundwater consumption and seasonal variations.

3.5 NOISE ENVIRONMENT

From the table 3.12, it is observed that the day Equivalent Noise (Leq-d) level were ranging from 45.9 to 51.7 dB(A) and Night Equivalent Noise (Leq-n) level were ranging from 40.3 to 45.7 (A). While comparing with the MoEF Norm of 55 dB(A) for day time and 45 dB(A) for night time in Residential areas, the monitored ambient noise levels are within the limit values.

3.6 BIOLOGICAL ENVIRONMENT

There is no schedule I species of animals observed within study area as per Wildlife Protection Act 1972 as well as no species is in vulnerable, endangered or threatened category as per IUCN. There is no endangered red list species found in the study area. Hence this small operation over short period of time will not have any significant impact on the surrounding flora and fauna.

3.7 SOCIO-ECONOMIC ENVIRONMENT

An attempt has been made to assess the impact of the proposed mining project at Elambalur Village on Socioeconomic aspect of the study area. The various attributes that have been taken into account are population composition, employment generation, occupational shift, household income and consumption pattern. Implementation of the Proposed Mine Project will generate both direct and indirect

employment. Besides, Mining operation will be legally valid and it will bring income to the state exchequer.

4. ANTICIPATED ENVIRONMENTAL IMPACTS AND MITIGATION MEASURES

The main scope of the EIA study is to quantify the cumulative impact in the study area due to cluster quarries and formulate the effective mitigation measures for each individual leases. A detailed account of the emission sources, emissions control equipment, background Air quality levels, Meteorological measurements, Dispersion model and all other aspects of pollution like effluent discharge, Dust generation etc., have been discussed in Chapter 4 of this report.

The project proponent will adopt all the necessary mitigation measures and management plan mentioned in this report and also comply the conditions stipulated in Environmental clearance and CTO of this project.

Anticipated Impacts & Mitigation Measures

Impact	Mitigation Measures
Land Environment	
❖ Destruction of natural landscapes ❖ Changes in soil characteristics ❖ Soil erosion and slope instability ❖ Problems to agricultural land and human habitations due to dust, and noise caused by movement of heavy vehicles.	❖ Rough stone does not produce any toxic effluents in the form of solids, liquids, or gases. ❖ At the end of life of mine, the excavated mine pit / void of 1.84.0 Ha. will act as artificial reservoir for collecting rain water and helps to meet out the demand or crises during drought season. ❖ After mine closure the greenbelt (0.64.0 Ha.) will be developed along the safety barrier and top benches and 0.02 ha are approach road and Infrastructure.

EXECUTIVE SUMMARY FOR PROPOSED ROUGH STONE QUARRY OF M/s. ELANGO VAN STONE CRUSHER AT S.F.NO.27/1A (BLOCK-3) OVER AN EXTENT OF 2.50 Ha IN ELAMBALUR VILLAGE, PERAMBALUR TALUK, PERAMBALUR DISTRICT, TAMIL NADU STATE.

	❖ The periphery of the mining lease area will be converted to a greenbelt to prevent Noise and sound propagation to the nearby lands. ❖ Entire mined out area will be properly fenced to prevent inadvertent entry of human and animals. ❖ Construction of garland drains all around the quarry pit and construction of settling traps at strategic location in lower elevations to prevent soil erosion due to surface runoff during rainfall and also to collect the storm water for various uses within the proposed area.
Water Environment	
❖ Impact due to Usage of Water in mines ❖ Generation of waste water from vehicle washing ❖ Domestic sewage ❖ Washouts from surface exposure or working areas ❖ Impact on Surface Water Resources ❖ Impact on Ground water ❖ Impact on Water Quality	❖ Koneri River is situated at a distance of 1.2km in north west direction and Elambalur Periyaeri is at a distance of 657m (SW). No other water bodies close to the project site; there is no proposal for discharging of wastewater outside the project area. ❖ There is no proposal for a rough stone processing or workshop within the project area, so no effluent is anticipated in the mine. ❖ The required water (5.5 KLD) will be sourced initially from outside agencies. Later the rainwater collected in the mine pit sump will be used for this purpose. ❖ Regular water quality will be carried in nearby villages to ensure the water quality is not affected due to the quarrying activities.

EXECUTIVE SUMMARY FOR PROPOSED ROUGH STONE QUARRY OF M/s. ELANGO VAN STONE CRUSHER AT S.F.NO.27/1A (BLOCK-3) OVER AN EXTENT OF 2.50 Ha IN ELAMBALUR VILLAGE, PERAMBALUR TALUK, PERAMBALUR DISTRICT, TAMIL NADU STATE.

	❖ Domestic sewage from site office & urinals/latrines provided in project area will be discharged through septic tank followed by soak pit system. ❖ Only clear and settled water free from silt content will be used for dust suppression and greenbelt development. ❖ De-silting will be carried out before and immediately after the monsoon season and the settling tank and drains will be cleaned weekly, especially during monsoons. ❖ The dimension of the rain water harvesting pond will be 17.5m x 20m x 20m with capacity of 70000 cu.m (2 Nos.). The rain water stored in the pond will be utilized for plantation, dust suppression activities.
Air Environment	
❖ Generation of Fugitive Dust ❖ Dust will be generated mainly during excavation, loading & unloading activities. ❖ Reduction in visibility due to dust plumes. ❖ Coating of vegetation leading to reduced photosynthesis. ❖ Inhibited growth, destroying of foliage, degradation of crops; ❖ Increase in health hazards due to inhalation of dust.	❖ Using Wet drilling methods, allowing drilling only with PPE, carrying out blasting only during specified times, avoiding blasting during unfavorable weather conditions, using explosives of good quality, using mist sprayers Regular wetting of transport, Covering the materials carried in tippers with tarpaulin, Proper maintenance of vehicles used for transportation, conducting regular emission tests for vehicles used for transport. ❖ Speed restrictions will be imposed to avoid spillage of loaded materials upon the road and to reduce wear and tear of the road.

EXECUTIVE SUMMARY FOR PROPOSED ROUGH STONE QUARRY OF M/s. ELANGO VAN STONE CRUSHER AT S.F.NO.27/1A (BLOCK-3) OVER AN EXTENT OF 2.50 Ha IN ELAMBALUR VILLAGE, PERAMBALUR TALUK, PERAMBALUR DISTRICT, TAMIL NADU STATE.

	❖ Weekly inspections of the condition of the access road by competent person employed, and immediate action will be taken to address any potholes or damage to the road surface. ❖ Development of greenbelt is proposed in the safety zone of 10m barriers in the lease area. ❖ Personal Protective Equipment's will be provided to all workers
Noise & Vibration	
❖ The main noise generating source during mining operation and related activities are drilling, excavation, loading, unloading and transportation.	❖ Usage of sharp drill bits while drilling which will help in reducing noise; ❖ Secondary blasting will be totally avoided and hydraulic rock breaker are utilized for breaking boulders; ❖ Controlled blasting with proper spacing, burden, stemming and optimum charge/delay will reduce noise; ❖ The blasting will be carried out during favorable atmospheric condition and less human activity timings by using nonelectrical initiation system; ❖ Proper maintenance, oiling and greasing of machines will be done every week to reduce generation of noise; ❖ Provision of sound insulated chambers for the workers working on machines (HEMM) producing higher levels of noise; ❖ Green Belt will be developed around the project areas and along the haul roads. The plantation minimizes propagation of noise;

EXECUTIVE SUMMARY FOR PROPOSED ROUGH STONE QUARRY OF M/s. ELANGO VAN STONE CRUSHER AT S.F.NO.27/1A (BLOCK-3) OVER AN EXTENT OF 2.50 Ha IN ELAMBALUR VILLAGE, PERAMBALUR TALUK, PERAMBALUR DISTRICT, TAMIL NADU STATE.

	❖ Personal Protective Equipment (PPE) like ear muffs/ear plugs will be provided to the operators of HEMM and persons working near HEMM and their use will be ensured through training and awareness. ❖ Regular medical check-up and proper training to personnel to create awareness about adverse noise level effects.
Ground Vibration	
❖ The vibration due to blasting can cause damage to the nearby structures if appropriate technology and control measures are not adopted in the blasting operation. ❖ Fly rock is another possible damage causing outcome of blasting.	❖ Proper quantity of explosive, suitable stemming materials and appropriate delay system should be adopted to avoid overcharging and for safe blasting; ❖ Adequate safe distance from blasting should be maintained as per DGMS guidelines; ❖ Blasting shelter should be provided as per DGMS guidelines; ❖ Blasting operations shall be carried out only during day time; ❖ The charge per delay shall be minimized and preferably more number of delays will be used per blasts; ❖ During blasting, other activities in the immediate vicinity shall be temporarily stopped; ❖ Drilling parameters like depth, diameter and spacing will be properly designed to give proper blast; ❖ Blasting will be carried out under the supervision of statutory persons as approved by DGMS.

EXECUTIVE SUMMARY FOR PROPOSED ROUGH STONE QUARRY OF M/s. ELANGO VAN STONE CRUSHER AT S.F.NO.27/1A (BLOCK-3) OVER AN EXTENT OF 2.50 Ha IN ELAMBALUR VILLAGE, PERAMBALUR TALUK, PERAMBALUR DISTRICT, TAMIL NADU STATE.

	❖ A well-defined SOP will be framed under the leadership of top management and the same will be followed for each blasting. ❖ Regular PPV monitoring will be carried out to ensure PPV limits i.e., 0.5 mm/s.
Biological Environment	
❖ Direct impacts include land clearance and excavation causing destruction of flora and fauna and loss of habitats. ❖ Indirect impacts include habitat degradation due to noise, dust, and human activity.	❖ Only some common herbs, shrubs and grass will be cleared. So, there will be no impact on the biodiversity. ❖ Green belt development with suitable species will enhance the biodiversity of the project area. ❖ The core zone or buffer zone does not encompass any threatened flora or fauna species.
Socio-Economic Environment	
❖ Health and safety of workers and the general public. ❖ Increase in traffic volumes and sizes of road vehicles. ❖ Economic issues, including the increase in employment opportunities.	❖ Around 30 local workers will get employment opportunities along with periodical training to generate local skills. ❖ Mine management will contribute for the upliftment of these villages by conducting regular medical camps, assistance in developing necessary infrastructure facilities like maintenance of schools, village roads, drinking water supply, etc.
Occupational Health & Safety	
❖ Exposure to Dust ❖ Noise and Vibration Exposure ❖ Physical Hazards	❖ Provision of rest shelters for mine workers with amenities like drinking water etc.

❖ Respiratory hazards due to Dust exposure	❖ All safety measures like use of safety appliances, such as dust masks, helmets, shoes, safety awareness programs, awards, posters, slogans related to safety etc. ❖ Training of employees for use of safety appliances and first aid in vocational training center. ❖ Weekly maintenance and testing of all equipment as per manufacturers' guidelines. ❖ Pre placement and Yearly Medical Examination of all workers by a medical Officer. ❖ First Aid facility will be provided at the mine site. ❖ Close surveillance of the factors in working environment and work practices which may affect environment and worker's health by the mine's manager employed. ❖ Working of mine as per approved mining plan and environmental plans.
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5. ANALYSIS OF ALTERNATIVES

There are no alternatives suggested as the proposed mining area has the following advantages:

- ❖ The mineral deposit occurs in a non-forest area.
- ❖ There is no habitation within the applied lease area; hence, no R & R issues exist.
- ❖ There is no river, stream, nallas and water bodies in the or passing through the applied mine lease areas.

- ❖ Mine connectivity through road and rail is good.
- ❖ The proposed mining operations do not intersect the ground water level. Hence, no impact on ground water environment.

6. ENVIRONMENTAL MONITORING PROGRAM

Environmental Monitoring program will be conducted for various environmental components as per conditions stipulated in Environmental Clearance Letter issued by SEIAA & Consent to Operate issued by TNPCB. Post project monitoring program is detailed in Chapter 6.

PP will supervise the overall environmental management plan of the project during operation. The capital cost of Rs. 14.51 Lakhs and the recurring cost of Rs. 28.55 Lakhs have been allocated under the EMP budget which includes Environmental Monitoring Cost.

7. ADDITIONAL STUDIES

Risk Analysis & Disaster Management Plan

The methodology for the risk assessment has been based on the specific risk assessment guidance issued by the Directorate General of Mine Safety (DGMS). The DGMS risk assessment process is intended to identify existing and probable hazards in the work environment and all operations and assess the risk levels of those hazards in order to prioritize those that need immediate attention.

Further, mechanisms responsible for these hazards are identified and their control measures set to time table are recorded along with pinpointed responsibilities. In the unlikely event that a consequence has occurred, disaster management kicks in. This includes instituting procedures pertaining to a number of issues such as communication, rescue, and rehabilitation. These are addressed in the disaster management plan. Both, the RA and DMP, are living documents and need to be updated whenever there are changes in operations, equipment, or procedures. Assessment is all about preventing accidents and taking necessary steps to prevent it from happening.

The Disaster Management Plan (DMP) is a guide, giving general considerations, directions, and procedures for handling emergencies likely to arise from planned operations. The DMP has been prepared on the basis of the Risk Assessment and related findings covered in the report.

Terms of Reference with Public Hearing (ToR) for the project was issued vide ToR Identification No. TO25B0108TN5921018N dated 30.07.2025. Now, this Draft EIA / EMP Report is prepared for conducting Public Hearing as the projects falls under B1 Category.

Although the individual lease area of this project is less than 5 Ha, the three existing quarries and this proposed quarries within the 500m radius works out to >5 Ha. A Cumulative impact study is conducted to determine the impact of the existing and proposed quarries located within 500m radius on the environment and are detailed in Section 7.4.

Cumulative Impact Study

The baseline monitoring conducted for this project reflects the cumulative impact of the existing quarry and impact of this proposed project on air environment do not exceed the permissible limits set by CPCB for air pollution.

The existing project provided employment opportunities for 78 people and this proposed will provide direct employment opportunities for 31 people.

This proposed project has allocated Rs. 3.0 Lakhs as the CER budget.

8. PROJECT BENEFITS

Financial benefits

- This project will contribute financially through payment of taxes like royalty, GST, etc
- The project will also contribute via CSR.
- The demands of people during public hearing will also be considered by the project proponent

Social benefits

- This project provides employment to 31 people directly. Local people will be hired for unskilled labour.
- Through CSR, nearby schools, hospitals will be benefitted.

9. CONCLUSION

EIA study was performed as per the approved ToR. Various environmental attributes were studied relating with aspects of mining activities. The related impacts were identified and evaluated. Considering all the possible ways to mitigate the environmental concerns, Environmental Management Plan was prepared and accordingly fund was allocated. The EMP has been dynamic, flexible and subject to periodic review.

The project will increase the revenue of the State Govt. as well as it will help in the social upliftment of the local community. The green belt development programme will help in increasing the green cover in the area. Thus, the proposed project is not likely to affect the environment or adjacent ecosystem adversely.

The Mine Management will be responsible for the project review of EMP and its implementation to ensure that the EMP remains effective and appropriate. Thus, the proper steps will be taken to accomplish all the goals mentioned in the EMP and the project will bring the positive impact in the study area.



ANNEXURE-1

Rc.No.111/G&M/2025, Dated:02.05.2025

Department of Geology & Mining,
Collectorate,
Perambalur - 621212.**PRECISE AREA COMMUNICATION LETTER**

Sub: Mines and Minerals - Perambalur District - Rough Stone - e-Tender cum auction conducted on 27.03.2025 under Tender ID: 2025_CGAM_525779_1 - M/s. Elangovan Stone Crusher (BID ID:1274035) quoted highest Bid amount (H1) For the quarry listed in Serial Number 11 - Declared as H1 bidder - H1 Bid Amount remitted - Solvency Certificate submitted - Precise Area Communicated - Reg.

Ref: 1. G.O.(Ms).No.21, Natural Resources (MMC.1) Department, Dated 31.07.2024
2. Perambalur District Gazette (Extraordinary) Notification No.1, dated: 18.02.2025.
3. E-Tender published under Tender ID:2025_CGAM_525779_1 in Tamil Nadu Governmente-tender portal.
4. Notice issued by the Assistant Director of Geology and Mining, Perambalur in Rc.No.111/G&M/2025, dated: 28.03.2025 (to remit 10% of highest bid amount)
5. Remittance challan No. 20250328019477 dated:28.03.2025 submitted by M/s.Elangovan Stone Crusher (BID ID:1274035)
6. Notice issued by the Assistant Director of Geology and Mining, Perambalur in Rc.No.111/G&M/2025, dated 01.04.2025 (to remit remaining 90% of the bid amount)
7. Remittance challan No. 20250425044515 dated:25.04.2025 submitted by M/s.Elangovan Stone Crusher (BID ID:1274035)

I invite your attention to the references cited above

Notice Inviting Tender (NIT) was published vide Perambalur District Gazette Extraordinary Notification No.1, dated.18.02.2025, inviting applications for grant of rough stone quarry leases in Government poramboke lands in Perambalur District through e-Tender cum Auction. Online tender was published in Tamil Nadu Government e-tender portal (<https://tntenders.gov.in/>) under Tender ID: 2025_CGAM_525779_1 and e-Auction was conducted on 27.03.2025 for the bidders whos' bids were qualified technically and financially.

After Financial Evaluation, M/s.Elangovan Stone Crusher (BID ID:1274035) was declared as H1 bidder for the quarry listed in Serial Number 11 of the Gazette as the firm quoted highest bid amount of Rs. 4,52,00,000/- for the said quarry. The H1 bidder was directed to remit 10% of the Highest bid amount vide notice in the reference 4th cited and accordingly, the H1 bidder remitted 10% of the bid amount to a sum of Rs.



45,20,000/- and submitted remittance challan No.20250328019477 dated: 28.03.2025 to this office.

Subsequently, M/s. Elangovan Stone Crusher (BID ID:1274035) was directed to remit the remaining 90% of Highest bid amount after adjusting the Bid Security already paid by them within one month to Government head of account and to submit original remittance challan to this office. Accordingly, M/s. Elangovan Stone Crusher (BID ID:1274035) has remitted Rs. 3,71,07,647/- after deducting Rs.35,72,353/- (the Bid Security amount already paid by the bidder) in Government account within one month and submitted remittance challans to this office.

The details of H1 Bidder for the quarry listed in Serial No.11 of the District Gazette, H1 Bid Amount offered and remittance of Bid amount by bidder are as follows.

1. Quarry Detail	
Serial No. in District Gazette No.01, dated 18.02.2025.	11
Taluk	Perambalur
Village	Elambalur
S.F.No.	27/1A (Block-3)
Extent	2.50.0 Hectares
Lease Period	10 Years
2. H1 Bidder, Bid Amount Remittance	
H1 Bidder	M/s. Elangovan Stone Crusher (BID ID:1274035) 1/154, East Street, Somandapudur, Esanai, Perambalur - 621219
H1 Bid Amount	Rs. 4,52,00,000/-
10% of H1 bid amount remitted	Rs. 45,20,000/- (Challan No. 20250328019477 dated:29.03.2025)
Bid Security (EMD) already remitted	Rs. 35,72,353/-
90% of bid amount paid after adjusting Bid Security already paid	Rs. 3,71,07,647/- (Challan No. 20250425044515 dated:25.04.2025)

The H1 Bidder, M/s. Elangovan Stone Crusher (BID ID:1274035) has remitted entire H1 Bid Amount of Rs. 4,52,00,000/- in Government account within one month as per sub- rule 16 of Rule 8 of the Tamil Nadu Minor Mineral Concession Rules, 1959.

Therefore, in exercise of the powers conferred under sub rule 17(a) of Rule 8 of the Tamil Nadu Minor Mineral Concession Rules, 1959, an extent of 2.50.0 hectares of Government land in S.F.No.27/1A (Block-3) of Elambalur Village, Perambalur Taluk and District as notified in Serial Number.11 of the Perambalur District Gazette (Extraordinary) Notification No.1, dated: 18.02.2025 is hereby fixed as Precise Area for grant of permission to quarry Roughstone for a period of 10 years to M/s. Elangovan Stone Crusher (BID ID:1274035), subject to the following conditions.

1. 10 meters safety distance should be left out for the adjacent Government



2. The applicant shall not make any hindrance to the adjacent lands and public.
3. The applicant should submit approved Mining Plan, Environment Clearance and Consent to Establish (CTE) & Consent to Operate (CTO) issued by competent authorities for grant of quarrying lease in the subject area.

The applicant M/s.Elangovan Stone Crusher (BID ID:1274035) is directed to submit draft Mining Plan for the above area within 90 days for the approval of the Assistant Director, Geology and Mining, Perambalur and to submit Environment Clearance obtained from SEIAA, Tamil Nadu and CTE & CTO issued by the Tamil Nadu Pollution Control Board subsequently for further process.

Encl: Map showing the proposal lease area.

D. Ram
10/05/25
Assistant Director,
Geology and Mining,
Perambalur.

To
M/s. Elangovan Stone Crusher
(BID ID:1274035)
1/154, East Street,
Somandapudur,
Esanai, Perambalur - 621219
Copy to:

1. The Chairman,
SEIAA Level Environment Impact Assessment Authority,
Panagal Maligai, Saidapet,
Chennai.
2. The Commissioner of Geology and Mining, Chennai-32.



ANNEXURE-2

From

Thiru D.Bernard, M.Sc.,
Assistant Director,
Geology and Mining,
Perambalur.

To

M/s. Elangovan Stone Crusher
1/154, East Street,
Somandapudur,
Esanai, Perambalur - 621219

Rc.No.111/G&M/2025, **Dated: 06.06.2025**

Sir,

Sub: Mines and Minerals - Perambalur District - Rough Stone -
e-Tender cum auction conducted for Roughstone quarries in
Government lands - M/s. Elangovan Stone Crusher, quoted
highest Bid amount (H1) for the quarry in S.F.No.27/1A (Block-3)
OAE of 2.50.0 hectare in Elambalur Village, Perambalur Taluk -
Declared as H1 bidder - H1 Bid Amount remitted - Precise Area
Communicated - Draft Mining Plan submitted for approval -
Approved - Reg.

- Ref: 1. G.O.(Ms). No.21, Natural Resources (MMC.1) Department,
Dated 31.07.2024.
2. Perambalur District Gazette (Extraordinary) Notification
No.1, dated:18.02.2025.
3. Notice issued by the Assistant Director of Geology and
Mining, Perambalur in Rc.No.111/G&M/2025, dated:
28.03.2025 & 01.04.2025.
4. The Assistant Director, Geology and Mining, Perambalur
Precise Area Communication letter Rc.No.111/G&M/2025,
dated.02.05.2025.
5. M/s.Elangovan Stone Crusher, letter dated. 02.06.2025.

Tender cum Auction for grant of Roughstone quarries in Government lands
notified in Perambalur District Gazette Extraordinary Notification No.1,
dated.18.02.2025 was conducted through online as per Rule 8 of the Tamil Nadu Minor
Mineral Concession Rules, 1959.

2) M/s. Elangovan Stone Crusher was declared as Highest Bidder for the quarry
in S.F.No. 27/1A (Block-3), to an extent of 2.50.0 hectare in Elambalur Village,
Perambalur Taluk, Perambalur District and the lease period proposed for the subject
quarry is 10(ten) years. The Highest Bidder M/s. Elangovan Stone Crusher, remitted
entire highest bid amount and other statutory documents in time in accordance with
rules and in the reference, 4th cited, precise area was communicated to the firm with a
request to submit Mining Plan for the approval of the Assistant Director, Geology and
Mining, Perambalur District and Environmental Clearance obtained from SEIAA for
further process.

3) Accordingly, in the reference 5th cited, the successful bidder has submitted Draft Mining Plan prepared by Qualified Person for the above area. The draft Mining Plan submitted by M/s. Elangovan Stone Crusher, has been scrutinized as per extant rules and guide lines / instructions issued by the Commissioner of Geology and Mining, Chennai in the letter Rc.No.3868/LC/2012 dated. 19.11.2012. The following observations were made in scrutiny.

- a. 10-meter safety distance is earmarked for the adjoining Government lands.
- b. The Geological reserve of Roughstone in the subject area has been assessed as 28,84,722.50 metric tonnes.
- c. The mineable reserve has been computed as 9,13,728.75 metric tonnes of Roughstone up to a depth of 67m above ground level only.
- d. The lease period of the subject Roughstone quarry is 10(ten) years and the mining plan has been prepared accordingly.
- e. In the mining plan, it has been proposed for the production of 5,85,158.75 metric tonnes of Roughstone up to a depth of 67m above ground level in the first five years and remaining mineable quantity of 3,15,851.25 metric tonnes of Roughstone in the second five years of lease period.
- f. The depth of water table in the subject area is reported as 70m BGL and workable depth has been proposed to 67m above ground level only in the mining plan. Hence, the quarrying operation will not affect the water table in the area.
- g. Drilling and blasting using jack hammers and shot hole blasting are proposed. Small dia, 25mm slurry explosives are proposed to be used for shattering and heaving effect for removal and winning of Roughstone. No deep hole drilling or primary blasting is proposed.
- h. It has been proposed to adopt controlled blasting measures for minimizing ground vibration and fly rocks.
- i. Machineries like Tractor mounted compressor attached with Jack hammers, excavators with rock breaker attachment are proposed for quarrying operation. Trucks of 25/30 MT capacity are proposed for transportation.

4) The Mining Plan is prepared in accordance with the guidelines / instructions issued and tallies with the field conditions. The special conditions imposed in the precise area communication letter have been incorporated in the Mining Plan. Therefore, the draft mining plan is hereby approved subject to the following conditions.

- i. That the Mining Plan is approved without prejudice to any other laws applicable to the quarry area from time to time whether made by the Central Government, State Government or any other authority.
- ii. That the approval of the Mining Plan does not in any way imply the approval of the Government in terms of any other provisions of the Mines and Minerals (Regulations and Development) Amendment Act 2015 or Mineral (other than Atomic and Hydrocarbon Energy Minerals) concession Rules 2016, or Tamil Nadu Minor Mineral Concession Rules, 1959 or any other laws including Forest (Conservation) Act 1980, Forest Conservation Rule, 1981, Environment Protection Act, 1980 and the rules made there under.
- iii. That the Mining plan is approved without prejudice to any other order or directions from any court of competent jurisdiction.
- iv. That the approval of Mining Plan does not confer any rights for the renewal of quarry lease.
- v. The approval is valid up to the subsistence of the lease period only.

Encl: 2 copies of approved Mining Plan.

D. Ravi
06/06/25
Assistant Director,
Geology and Mining,
Perambalur.

Copy to:

1. The Chairman,
SEIAA Level Environment Impact Assessment Authority,
PanagalMaligai,
Saidapet, Chennai.
2. The Commissioner of Geology and Mining, Chennai-32.

6/6/25



ANNEXURE-3

From

Thiru D.Bernard, M.Sc.,
Assistant Director,
Dept of Geology and Mining,
Perambalur.

To

M/s. Elangovan Stone Crusher
1/154, East Street,
Somandapudur,
Esanai, Perambalur – 621219

Rc.No.111/G&M/2025, Dated:06.06.2025

Sub: Mines and Minerals - Perambalur District – Rough Stone - e-Tender cum auction conducted for Roughstone quarries in Government lands – M/s. Elangovan Stone Crusher, quoted highest Bid amount (H1) for the quarry in S.F.No.27/1A (Block-3) OAE of 2.50.0 hectare in Elambalur Village, Perambalur Taluk –Declared as H1 bidder – H1 Bid Amount remitted – Precise Area Communicated – Draft Mining Plan submitted for approval - Details of quarries situated within 500 mts radial distance requested – furnished - Reg.

- Ref:
1. G.O.(Ms). No.21, Natural Resources (MMC.1) Department, Dated 31.07.2024.
 2. Perambalur District Gazette (Extraordinary) Notification No.1, dated:18.02.2025.
 3. Notice issued by the Assistant Director of Geology and Mining, Perambalur in Rc.No.111/G&M/2025, dated: 28.03.2025 & 01.04.2025.
 4. The Assistant Director, Geology and Mining, Perambalur Precise Area Communication letter Rc.No.111/G&M/2025, dated. 02.05.2025.
 5. M/s.Elangovan Stone Crusher, letter dated. 02.06.2025.

The applicant M/s.Elangovan Stone Crusher, Perambalur in the reference 5th cited has requested to provide the details of quarries situated within 500 mts radius distance from the proposed lease area.

Hence the details of existing quarries situated within 500 mts radial distance from the subject area are furnished as follows,

1)Existing quarries:

Sl. No	Name of the Owner	Taluk / Village	S.F.Nos	Extent	Rc.No.	Lease Period
1	Thiru.A.Abner Maximus Fernando, S/o. Armstrong Fernando, No.1/766, Chandiragiri Street, Pamban,Ramanathapuram District-623 521	Perambalur /Elambalur	27/1A (Block-9)	1.00.0	R.C.No.138/G& M/2019 dated: 03.02.2021	15.02.2021 to 14.02.2026

2	Thiru.M.Kumar, S/o.Muthuasamy, No.285, Sivan Kovil Back Side, ElambalurTaluk, Perambalur District- 621 212	Perambalur /Elambalur	27/1A	1.00.0	R.C.No.137/G& M/2019 dated 18.06.2021	21.06.2021 to 20.06.2026
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2) Proposed quarries:

Sl. No	Name of the Owner	Taluk / Village	S.F.Nos.	Extent	Lease Period	Remarks
1	M/s. Elangovan Stone Crusher 1/154, East Street, Somandapudur, Esanai, Perambalur - 621219	Perambalur/ Elambalur	27/1A (Block-3)	2.50.0		Instant Proposal
2	M/s.Chozha Groups, Old No.1/85, New No.4/155, Mariyamankovil Street, Eruthukaranpatti, Rajaji Nagar, Ariyalur - 621 713.	Perambalur/ Elambalur	27/1A (Block -2),	1.80.0		Presently Proposed

3) Expired quarries

Sl. No	Name of the Owner	Taluk / Village	S.F.Nos.	Extent	Lease Period	Remarks
1	Nil					

4) Abandoned quarries:

Sl. No	Name of the Owner	Taluk / Village	S.F.Nos.	Extent	Lease period	Remarks
1	Nil					

[Signature]
Assistant Director,
Geology and Mining,
Perambalur.

[Signature]
6/6/24