

**DRAFT 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 No. TO25B0108TN5137010N (F.No. 12431), Dated: 22.08.2025

PROPOSED QUARRY LEASE DETAILS	
SURVEY NOS	123 (BLOCK-1)
VILLAGE	PADALUR (EAST)
TALUK	ALATHUR
DISTRICT	PERAMBALUR
EXTENT	1.50.0 Ha
PROPOSED PRODUCTION	3,15,260 m ³ (FIVE YEARS)
PEAK PRODUCTION	63,200m ³ (IIND YEAR)
LAND	GOVERNMENT LAND

(Sector No. 1(a) (Sector no.1 as per NABET)

Category of the Project: B1 Cluster Mining, Total Cluster Area – 11.75.00 Ha

Baseline Monitoring Period – March to May 2025

APPLICANT

M/s.SURYA STONES,
NO.63C3, ACE OUTSPRING,
SUBHA ELITE TOWER, JAYANKONDAM,
ARIYALUR DISTRICT- 621 802.

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 Until - January 4, 2026 Contact: 97502 23535 & 94446 54520 Email: infoglobalmining@gmail.com, globalminingsolutionsale@gmail.com	M/s. SHRIENT ANALYTICAL & RESEARCH LABS PRIVATE LIMITED (NABL Accredited Testing Laboratory) Valid Until -29.09.2029 #416/15, Dhargas Road, Perungalathur, West Tambaram, Chennai, Tamil Nadu, India.

EXECUTIVE SUMMARY

1.1 INTRODUCTION

This EIA Report is prepared for M/s.Surya Stones Rough Stone Quarry over an extent of 1.50.00 Ha of Government land in S.F. No. 123 (Block-1) of Padalur (East) Village, Alathur Taluk, Perambalur District, Tamil Nadu State in compliance with ToR obtained vide ToR identification number TO25B0108TN5137010N, Dated 22.08.2025.

Although the individual lease area of this project is less than 5 hectares, the four existing Quarries and four proposed quarries within a 500-meter radius, add up to more than 5 hectares i.e. 11.75.00 Ha. A map showing the existing and proposed quarry located within 500m radius is given in Figure 1.1.

This project proposed to produce 3,15,260 m³ of Rough Stone for the period of 5 years with ultimate depth up to 62m (32m AGL + 30m BGL).

1.2 PROJECT DESCRIPTION

Description	Salient Feature
Name of the Project	Rough Stone Quarry of M/s.Surya Stones
Location of the Project	S.F. No. 123 (Block-1) of Padalur (East) Village, Alathur Taluk, Perambalur District, Tamil Nadu State.
Latitude & Longitude	Latitude: 11°06'02.12"N to 11°06'07.37"N Longitude: 78°51'22.04"E to 78°51'25.93"E
Toposheet No.	58 I/16
ML Area	1.50.0Ha
Type of Land	It is Government land the applicant has obtained tender from the Government.
Geological Resource	Rough Stone – 7,92,160 m ³
Mineable Reserves	Rough Stone – 3,15,260 m ³
Proposed Production for Five years	Rough Stone – 3,15,260 m ³
Life of the mine	5 years
Proposed depth of mining	62m (32m AGL + 30m BGL)

DRAFT EIA EMP REPORT OF PROPOSED ROUGH STONE QUARRY OF M/s.SURYA STONES OVER AN EXTENT OF 1.50.00 HA LOCATED AT S.F.NO. 123 (BLOCK -1) OF PADALUR (EAST) VILLAGE, ALATHUR TALUK, PERAMBALUR DISTRICT, TAMIL NADU STATE

Method of Mining	Opencast mechanized mining involving drilling and blasting
Proposed bench height and width	Bench Height & Width – 5m.
Total Waste	There is no waste generation from this quarry.
Top Soil / Overburden	There is no waste / over burden generation from this quarry, entire mined out mineral will be directly transported to the needy customer.
Water Requirement & source	Total – 3.5 KLD. The required water will be procured from outside agencies initially. Later, water collected in the mine pit will be used to meet the needs.
Proposed Manpower Deployment	30 Nos
Total Project Cost	Rs. 535.38 Lakhs (including EMP & CER cost.)
Nearest Highway	(NH-38) Viluppuram – Trichy Road- 3.1km (NW) (SH-142) Perambalur – Thuraiyur Road- 14km (NW)
Nearest Railway Station	Kallakkudi Palanganatham Railway Station (17.8km, SE)
Nearest Airport	Tiruchirappalli International Airport (39.4km, SW)
Nearest Major Water bodies	Core Zone – NIL Buffer Zone Odai- 570m (W), Tank – 800 m (NE), Odai – 1.5 km (SW), Therani Lake – 1.9 km (NE), Nanthai River – 2.7 km (S), Uppar River – 2.9 km (SE), Perumalpalaayam Lake – 3.1 km (NW), Vari Lake – 3.4 km (SE), Nakkambadi Lake – 4.6 km (S), Mayakuruchi Lake – 7.3 km (W), Chettikulam Lake – 7.9 km (NW)
Environmental sensitive areas, Protected areas as per Wildlife Protection Act, 1972 (Tiger reserve, Elephant reserve, Biospheres, National parks, Wildlife sanctuaries, community reserves and conservation reserves)	Nil within a 10 km radius Karaivetti Birds Sanctuary – 22.8 km (SE)
Reserved / Protected Forests	Nedungur R.F. – 3.4 km (SW), Naranmangalam R.F. – 5.2 km (NW), Muniyankurchi R.F. – 5.3 km (SW),

	Velur R.F. – 7.3 km (NW), Siruvachur R.F. – 7.4 km (NW).
Nearest Village	Therani Habitation- 674m (E)
Seismic Zone	Zone II

1.3 DESCRIPTION OF THE ENVIRONMENT

The baseline monitoring study was carried out during March to 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

1.3.1 LAND ENVIRONMENT

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

Sl.No.	LAND USE / LAND COVER	Area in Sq.Km	Area in Percentage
1	Built-up land	6.28	1.95
2	Crop land	210.27	65.92
3	Existing Quarry	3.06	0.94
4	Fallow land	9.75	3.05
5	Hill & Forest	17.18	5.38
6	Land with scrub	30.64	9.7
7	Land without scrub	25.0	7.83
8	Plantations	1.1	0.34
9	Salt affected land	3.65	1.14
10	Water bodies	12.03	3.75
	Total Area	318.82	100.00

Source: Survey of India Toposheet and Landsat Satellite Imagery

1.3.2 SOIL CHARACTERISTICS

Results of the soil samples show that the pH values were found to be 7.32 to 8.37 and Electrical Conductivity values were ranging between 182.8 – 298.3 $\mu\text{mhos/cm}$. Soils are generally Silty Clay. Organic matter values were ranging between 0.67 – 1.21 %. Total Nitrogen values were ranging between 136 – 390 mg/kg. Phosphorus values were ranging between 1.21 – 1.69 $\mu\text{g/g}$. Potassium values were ranging between 566 – 1020 mg/kg. Sodium values were ranging between 290 – 520 mg/kg. Total Sulphur values were observed to be BDL. The soil quality data for the 7 samples collected and analyzed are provided.

1.3.3 AMBIENT AIR QUALITY

The results of ambient air quality monitoring for the period (March to May 2025) are presented in Chapter 3. The ambient air quality data for PM₁₀, PM_{2.5}, SO₂, NO₂, CO studied at 6 locations as per prescribed guidelines/ methods. As per the monitoring data, the PM₁₀ values were in the range of 41.0 – 76.5 $\mu\text{g/m}^3$. PM_{2.5} values were in the range of 19.3 – 36.7 $\mu\text{g/m}^3$. SO₂ levels were ranging from 3.6 – 8.2 $\mu\text{g/m}^3$. NO₂ levels were ranging from 6.2 – 11.8 $\mu\text{g/m}^3$. 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 (DL – 1144 $\mu\text{g/m}^3$).

3.4 WATER ENVIRONMENT

Surface Water

The pH varied from 7.85 to 7.94 while turbidity found within the standards (Optimal pH range for sustainable aquatic life is 6.5 to 8.5 pH). Total Dissolved Solids varied from 102 to 115 mg/l. Chloride varied between 39.8 mg/l and 40.8 mg/l. Nitrates varied from 1.95 to 2.14 mg/l, while sulphates varied from 16.10 to 16.9 mg/l.

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 7.29 to 8.11, Chlorides Ranges From 72.6 - 512 mg/l, Sulphates value found to be between 53.40 - 358 mg/l, Fluoride Ranges low in lease area i.e. 0.13 – 0.61, Hardness varies from 171 – 451 mg/l, and Total dissolved solid 310 – 1286 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.

1.3.5 NOISE ENVIRONMENT

From the table it is observed that the day Equivalent Noise (Leq-d) level were ranging from 44.6 to 51.60 dB(A) and Night Equivalent Noise (Leq-n) level were ranging from 37.0 to 42.80 dB(A). Day and Night Equivalent Noise (Leq-n) level were ranging from 43.20 to 50.0 dB(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.

1.3.6 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.

SOCIO-ECONOMIC ENVIRONMENT

An attempt has been made to assess the impact of the proposed mining project at Padalur (East) 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.

1.4 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 1.04.00 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 (0.44.0 Ha.) will be developed along the safety barrier and top benches and 0.02 ha are approach road and Infrastructure. ❖ 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	❖ There are no water bodies within 500 m radius. The drainage map of the study area is given in Figure 3.16. ❖ 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

❖ Impact on Water Quality	project area, so no effluent is anticipated in the mine. ❖ The required water (3.5 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. ❖ 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. ❖ Two sumps with each capacity 2500 Cu.m will be proposed for harvesting rain water. 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;	❖ Using Wet drilling methods, Allowing drilling only with PPE, Carrying out blasting only during specified times, Avoiding blasting during unfavourable 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

❖ Increase in health hazards due to inhalation of dust.	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. ❖ 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 favourable 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; ❖ 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 though 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. ❖ 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 ❖ Respiratory hazards due to Dust exposure	❖ Provision of rest shelters for mine workers with amenities like drinking water etc. ❖ 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 centre. ❖ 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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1.5 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.

1.6 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. 9.05 Lakhs and the recurring cost of Rs. 10.83 Lakhs (5 years) have been allocated under the EMP budget which includes Environmental Monitoring Cost.

1.7 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 number TO25B0108TN5137010N, Dated 22.08.2025. 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 four existing and four proposed quarries including this proposal 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.

Cumulative Impact Study

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

As four projects is an existing quarry, they are part of the current traffic. The proposed project will bring 182 trips per day. The existing road can absorb this additional traffic due to this project.

The four existing projects provided employment opportunities for 97 people and proposed projects (3 Nos) will provide direct employment opportunities for 90 people.

The previous four projects had a CER budget of Rs. 4.73 Lakhs and proposed projects (3 Nos) has allocated Rs. 11.0 Lakhs as the CER budget.

1.8 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 30 people directly. Local people will be hired for unskilled labour.
- Through CSR, nearby schools, hospitals will be benefitted.

1.9 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



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. Surya Stones (BID ID:1275270) quoted highest Bid amount (H1) For the quarry listed in Serial Number 33 - Declared as H1 bidder - H1 Bid Amount remitted - 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.133/G&M/2025, dated:28.03.2025 (to remit 10% of highest bid amount)
 5. Remittance challan No.20250329004055 dated: 29.03.2025 submitted by M/s. Surya Stones (BID ID:1275270)
 6. Notice issued by the Assistant Director of Geology and Mining, Perambalur in Rc.No.133/G&M/2025, dated 01.04.2025 (to remit remaining 90% of the bid amount)
 7. Remittance challan No.20250429002675 dated:29.04.2025 submitted by M/s. Surya Stones (BID ID:1275270)

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. Surya Stones (BID ID:1275270) was declared as H1 bidder for the quarry listed in Serial Number 33 of the Gazette as the firm quoted highest bid amount of Rs.4,28,00,000/- 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. 42,80,000/- and submitted remittance challan No. 20250329004055 dated: 29.03.2025 to this office.



Subsequently, M/s. Surya Stones (BID ID:1275270) 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. Surya Stones (BID ID:1275270) has remitted Rs.3,71,03,222/- after deducting Rs.14,16,778/- (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.33 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.	33
Taluk	Alathur
Village	Padalur(E)
S.F.No.	123 Block 1
Extent	1.50.0 Hectares
Lease Period	5 Years
2. H1 Bidder, Bid Amount Remittance	
H1 Bidder	M/s. Surya Stones (BID ID:1275270) No.63C3, Ace Outspring, Subha Elite Tower, Jayankondam, Ariyalur - 621 802.
H1 Bid Amount	Rs.4,28,00,000/-
10% of H1 bid amount remitted	Rs. 42,80,000/- (Challan No. 20250329004055 dated:29.03.2025)
Bid Security (EMD) already remitted	Rs.14,16,778/-
90% of bid amount paid after adjusting Bid Security already paid	Rs.3,71,03,222/- (Challan No. 20250429002675 dated:29.04.2025)

The H1 Bidder, M/s. Surya Stone (BID ID:1275270) has remitted entire H1 Bid Amount of Rs.4,36,00,000/- 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 1.50.0 hectares of Government land in S.F.No. 123 Block 1 of Padalur(E) Village, Alathur Taluk, Perambalur District as notified in Serial Number.33 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 5 years to M/s. Surya Stones (BID ID:1275270), subject to the following conditions.

1. 10 meters safety distance should be left out for the adjacent Government lands.
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. Surya Stones (BID ID:1275270) is directed to submit 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. Bu - 06/05/25
Assistant Director,
Geology and Mining,
Perambalur

To

M/s. Surya Stones (BID ID:1275270)
No.63C3, Acc Outspring,
Subha Elite Tower,
Jayankondam,
Ariyalur - 621 802.

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. Surya Stones
No.63C3, Ace Outspring,
Subha Elite Tower,
Jayankondam,
Ariyalur - 621 802.

Rc.No.133/G&M/2025,

Dated: 27.05.2025

Sir,

Sub: Mines and Minerals - Perambalur District - Rough Stone -
e-Tender cum auction conducted for Roughstone quarries in
Government lands - M/s. Surya Stones quoted highest Bid
amount (H1) for the quarry in S.F.No. 123 Block 1, OAE of 1.50.0
hectare in Padalur (East)Village, Alathur 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.133/G&M/2025,
dated:28.03.2025 & 01.04.2025.
 4. The Assistant Director, Geology and Mining, Perambalur
Precise Area Communication letter Rc.No.133/G&M/2025,
dated 06.05.2025.
 5. M/s. Surya Stones, letter dated. 26.05.2025.

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. Surya Stones was declared as Highest Bidder for the quarry in S.F.No.
123 Block 1, to an extent of 1.50.0 hectare in Padalur (East) Village, Alathur Taluk,
Perambalur District and the lease period proposed for the subject quarry is 5(five)
years. The Highest Bidder M/s. Surya Stones, 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. Surya Stones, 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 21,78,440 metric tonnes.
- c. The mineable reserve has been computed as 8,66,965 metric tonnes of Roughstone up to a depth of 62m (32m AGL + 30m BGL).
- d. The lease period of the subject Roughstone quarry is 5(five) years and it has been proposed for the production of 8,66,965 metric tonnes of Roughstone up to a depth of 62m (32m AGL + 30m BGL) in the mining plan in five years.
- e. The depth of water table in the subject area is reported as 67m BGL and workable depth has been proposed up to 30m BGL in the mining plan. Hence, the quarrying operation will not affect the water table in the area.
- f. 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.
- g. It has been proposed to adopt controlled blasting measures for minimizing ground vibration and fly rocks.
- h. 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.

[Signature]
27/05/25
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.

[Signature]
27/5/25



ANNEXURE-3

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

To
M/s. Surya Stones
No.63C3, Ace Outspring,
Subha Elite Tower,
Jayankondam,
Ariyalur - 621 802.

Rc.No.133/G&M/2025

Dated: 27.05.2025

Sir,

Sub: Mines and Minerals - Perambalur District - Rough Stone - e-Tender cum auction conducted for Roughstone quarries in Government lands - M/s. Surya Stones quoted highest Bid amount (H1) for the quarry in S.F.No.123 Block 1, OAE of 1.50.0 hectare in Padalur (East)Village, Alathur Taluk - Declared as H1 bidder - Precise Area Communicated - Draft Mining Plan submitted for approval - Approved -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
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.133/G&M/2025, dated: 28.03.2025 & 01.04.2025.
4. The Assistant Director, Geology and Mining, Perambalur Precise Area Communication letter Rc.No.133/G&M/2025, dated.06.05.2025.
5. M/s..Surya Stones, letter dated. 26.05.2025.

As requested by M/s. Surya Stones in the reference 5th cited, the details of quarries situated within a distance of 500 mts from the boundary of the proposed quarry lease area referred to the subject are furnished below.

1)Existing quarries:

Sl. No	Name of the Owner	Taluk / Village	S.F.No	Extent	Proc. No.	Lease Period
1	Thiru.S.Pitchai, S/o.Thiru. Subbaiya, No.3/173, West Street, Koothanur Village, 85, Seedevimangalam, Alathur Taluk, Perambalur District-04	Alathur /Therani	122/1 (Block-5A)	1.00.0	R.C.No.150 /G&M/201 9 dated: 10.12.2020	18.12.2020 to 17.12.2025
2	Thiru.K.Kannan, S/o.Thiru.Krishnamoor thy, No.189, Reddiyar Street, Vazhiyur Post, Mannachanallur Taluk, Trichy District -621104	Therani, Alathur	122/1 (Block-8)	1.00.0	Rc.No.151 /G&M/ 2019 dated 23.10.2020	30.06.2021 to 29.06.2026

3	Thiru.D.Manjunath, S/o.Devendiran, No.25, I.A.S. Nagar, Thiruverumbur, Trichy District 620 013	Alathur/ Therani	122/1 (Block-5)	1.00.0	Rc.No.149/ G&M/2019 dated 17.08.2022	17.08.2022 to 16.08.2027
4	Tmt.P.Dhanalakshmi, W/o. G.R.perumal pillai,1/24, sivan kovil street, (kaliyamman kovil street), Therani (po), Alathur (Tk), Perambalur.	Alathur /Padalur(E)	125/3A, 124/3B	1.00.0	Rc.No.88/ G&M/ 2019 dated 29.04.2022	29.04.2022 to 28.04.2027

2)Proposed quarries:

Sl. No	Name of the Owner	Taluk / Village	S.F.Nos.	Extent	Lease Period	Remarks
1	M/s. Surya Stones No.63C3, Ace Outspring, Subha Elite Tower, Jayankondam, Ariyalur – 621- 802.	Alathur / Padalur (East)	123, (Block 1),	1.50.0	-	Presently proposed
2	M/s.Shrivari Blue Metal., No.C-21, 4 th Cross, North East Extension, Thillai Nagar, Trichy-620 018	Alathur / Padalur (East)	123, (Block 2),	1.50.0	-	Presently proposed
3	M/s.Manjunathan Industries, No. 48/5B2, Sri Shwetha Complex, Thanjavur Main Road, Thiruverumbur, Trichy - 620013.	Alathur / Padalur (East)	123, (Block 4),	2.00.0	-	Presently proposed
4	Thiru.D.Balaji, S/o.S.Devendiran, No. 25, I A S Nagar, Thiruverumbur Taluk, Tiruchirapalli District-62 013.	Alathur / Padalur (East)	124/1A, 124/1B, 124/3A, 124/3C, 124/4A & 4B	2.75.0	-	Presently proposed

3) Expired quarries

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

4) Abandoned quarries:

Sl. No	Name of the Owner	Taluk /Village	S.F.Nos.	Extent	Lease period	Remarks
1	T.S.Chandramohan, S/o. Subramaniyan, 11, Raja Colony, Collector's Road, Tiruchirappalli.	Alathur / Padalur(E)	123 Part Block 2	1.00.0	29.03.2006 to 28.03.2016	Further grant of quarry lease is not feasible in these areas.
2	Thiru.P.S.Jayaraman S/o.Sivasamy, No.32, periyar nagar, 1 st street, Ariyalur District	Alathur / Padalur(E)	122/1,122 /2B	2.10.5	28.11.2018 to 27.11.2023	
3	N.Mahamurthy, S/o.Narayanasamy, Door No.1/166, Middle Street, Kanakiliya Nallur Post, Lalgudi Taluk, Trichy.	Padalur(East), Alathur	125/1, 125/2A, 125/2B, 126/2, 129/1B, 129/5A2, 129/5B1	2.95.5	28.11.2018 to 27.11.2023	

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

[Signature]
27/5/18