

HALF YEARLY COMPLIANCE REPORT FOR GRANITE BUILDING STONE QUARRY

File No. 12/2024 , EC No. EC24C0108KL5484220N, Dated 17-08-2024

GRANITE BUILDING STONE QUARRY OF Mr JISMON BHASKARAN

Situated At

Re. Survey No's. 185/1 & 185/1-1
Vellilappilly Village, Meenachil Taluk
Kottayam District, Kerala

April 2025 – September 2025

Prepared By

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To,
The Director MoEF&CC,
Regional Office (South Zone),
KendriyaSadan, IVth floor, E&F Wing,
17th main Road, Second Block, Koramangala
Banglore .

Respected Sir,

Sub: Half Yearly Compliance Report of Granite Stone Mine Project- April 2025

– September 2025.

Ref: File No. 12/2024, EC No. EC24C0108KL5484220N, Dated 17-08-2024

With reference to the above, we are submitting Half Yearly Compliance report for the Granite Building Stone Quarry of Mr.Jismon Bhaskaran situated at Re. Survey No's. 185/1 & 185/1-1, Vellilappilly Village, Meenachil Taluk, Kottayam District, Kerala contains the compliance of conditions of Environmental Clearance for the period of Jismon Bhaskaran April 2025 – September 2025. Also enclosed here, copy of all Licenses from Statutory Bodies.



Place: Kottayam

Jismon Bhaskaran

Date: 17-09-2025

(Authorised Signatory)

Copy to,

Member secretary / Chairman SEIAA Kerala

KSRTC Complex, Thampanoor

Thiruvananthapuram, Kerala

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1.INTRODUCTION

Granite Building Stone Quarry of Mr. Jismon Bhaskaran, situated at Re-Survey Nos. 185/1 & 185/1-1, Vellilappilly Village, Meenachil Taluk, Kottayam District, Kerala for an area of 0.8300 Ha. The Building Stone Quarry project of Mr. Jismon Bhaskaran was granted Environmental Clearance (EC No. EC24C0108KL5484220N) by the State Environmental Impact Assessment Authority on 17-08-2024. As per Standard EC Conditions No. 9.1 & 9.2 of the Environmental Clearance order and the provisions of the EIA Notification, the Half-Yearly Compliance Report is required to be submitted by the Project Proponent.

Accordingly, we hereby submit the report containing the compliance status of the Environmental Clearance conditions for the period April 2025 – September 2025.



**COMPLIANCE TO THE CONDITION STIPULATED IN THE ENVIRONMENTAL
CLEARANCE ISSUED BY STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT
AUTHORITY, KERALA.**


1. SITE SPECIFIC CONDITIONS



Sl.No	EC Conditions	Compliance Status
1.1	The Project Proponent shall carry out quarrying as per the approved Mining Plan and the Specific Conditions mentioned hereafter. The Project Proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.	We assure that all the quarrying activities will be carried out as per the Approved Mining Plan and strictly follows all the Kerala Minor Concession Rules 2015 and amendments thereby.
1.2	The EC shall be valid from the date of execution of permit/lease from the Department of Mining and Geology. The copy of the permit / lease order should be provided to the SEIAA before commencing the mining activity.	Noted. We will extent all possible cooperation to the officers from SEIAA and will produce all data/information/reports when they are asking for.
1.3	The depth of mining should be limited to 70m AMSL to prevent intersection with ground water table and the mineable resources shall be reworked accordingly by the Mining and Geology Department while approving the Scheme of Mining / issuing the lease or permit.	We assure that, the maximum depth of mining will be maintained at 70m AMSL. And it is also assured that the maximum depth of excavation shall not extend below the prevailing local groundwater level.
1.4	Development of green belt should be initiated prior to the commencement of mining using indigenous species. The suggested species are Phyllanthus emblica (Nelli), Syzygium cumini (Njaval), Writia tinctoria (Dhanthapala), Ficus bengalensis (Peral), Ficus racemosa (Atti), Bambusa bamboos (Mullumula), Dendrocalamus strictus (Kallan mula), Strychnos nuxvomica (Kanjiram), Terminalia cattappa (Thanni), Schleicher oleosa (Poovam), Artocarpus hirsutus (Ayiniplavu) etc.	Although the quarry has been operational for only a few months, the process of developing a green belt has already been initiated. As part of this initiative, indigenous species such as Bamboo, Nelly, Njaval, Anjili etc are being planted and nurtured. Phase wise development in the areas of plantation including rate of growth, survival rate etc., will be recorded systematically and also proper caring of plantations shall be ensured during the non-monsoon (summer) season..





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|-----|---|--|
| 1.5 | Compensatory afforestation should be done prior to the commencement of mining, by planting local species of trees on available land owned by the proponent, at the lower portion of the land. | Compensatory afforestation works have been initiated outside the lease area with indigenous species such as Bamboo, Anjali, and Jackfruit etc. |
|-----|---|--|

		
1.6	<p>Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain should be provided prior to the commencement of mining.</p>	<p>We have constructed garland drains, desiltation ponds in the lower slopes of the project area for effective management of storm water.</p>
		
1.7	<p>Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration.</p>	<p>Noted for Compliance and scrupulously follows the directions contained.</p>
1.8	<p>Garland drain, silt-traps, siltation ponds and outflow channel should be desilted periodically and geo-tagged photographs of the process should be included in the halfyearly compliance report (HYCR).</p>	<p>Garland drains and desiltation ponds have been constructed for effective drainage management. Desiltation of garland drains, siltation ponds, and outflow channels is being carried out periodically</p>

		
1.9	Drainage water should be monitored at different seasons by an NABL accredited lab and clear water should only be discharged into the natural stream. Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.	Drainage water has been monitored through an NABL-accredited laboratory, and the results confirm that the water quality is good and within the prescribed standards. The water quality report is attached as Annexure 08. Only clear water is discharged into the natural stream.
1.10	Overburden should be stored at the designed place and gabion wall should be provided for the topsoil and overburden storage sites.	To prevent the soil erosion, the top soil and overburden are stacked in designated place. This material will be utilized for refilling the mined-out benches during mine closure afforestation activities.
1.11	The impact of vibration due to blasting on the houses and other built structures within 200m distance from the project boundary should be monitored in terms of Peak Particle Velocity and amplitude for a maximum charge per delay and included in the Half Yearly Compliance Report.	Blasting-induced ground vibration was monitored in terms of Peak Particle Velocity (PPV) at sensitive structures within 200 m of the project boundary. The monitoring results confirm that all recorded PPV values are well within the permissible limits prescribed by DGMS guidelines. No exceedances were observed. The vibration monitoring report is enclosed as Annexure 09. _
1.12	Geotagged photographs of the progress of compensatory afforestation should be submitted along with HYCR.	We have started the compensatory afforestation works outside the lease area with indigenous plants like Mango, Jackfruit etc. Geotagged photographs of the progress of compensatory afforestation attached herewith.

		
1.13	Implementation of CER Plan should be done during the first year itself of the EC period itself and its operation and maintenance should be done till the completion of mine closure plan.	Quarry operations began only a few months ago; however, we assure you that CER/CSR activities are being carried out in a timely manner as stipulated in the Environmental Clearance (EC).
1.14	The haulage road should be provided with sprinkling facility to prevent dust pollution.	Water sprinklers have been placed along the haulage roads to reduce dust emissions.
		
1.15	Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30 pm to 5.00 pm).	The directions are being scrupulously followed. A display board indicating the quarry operation timings has been installed at the site, and a photograph of the same is attached herewith for reference..

		
1.16	<p>Adequate sanitation, waste management and restroom facilities should be provided to the workers.</p>	<p>Adequate sanitation, waste management, and restroom facilities have been provided for the workers. A toilet facility is available at the project site and is maintained in a clean and hygienic condition. Waste is disposed of in an environmentally sound manner, and regular maintenance is carried out to ensure continued hygiene and usability of the facilities.</p>
		
1.17	<p>Adequate energy conservation measures should be implemented including solar power installations. At least 40% of the energy requirement shall be met from the solar power</p>	<p>As part of energy conservation, the project proponent has installed solar street light in the project site to generate and utilize maximum renewable energy.</p>





1.18 The Environment Management Cell (EMC) should include one subject expert in environment management. The proceedings of the monthly meeting of the EMC should be submitted along with the HYCR.


The project proponent has constituted an Environmental Management Cell (EMC) for effective implementation of environmental safeguards and statutory requirements. The EMC includes a subject expert in environmental management to ensure proper monitoring and compliance. The details of the monitoring cell are provided below.

Environmental Management Cell (EMC)		
Sl No	Name	Designation
1	Jismon Bhaskaran	Head of the cell(Proprietor)
2	Abdul Hafeez	Mines Manager
2	Jayesh P. T	Supervisor
3	Arunkumar R.	Subject Expert-Environmental Consultancy
4	M/s Standards Laboratory	Environmental Monitoring Agency

1.19 Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.

We assure that we will plant Avenue trees along the sides of approach road and internal roads and open parking areas and preference should be given to endemic native and fruit bearing species.

		
1.20	<p>Rainwater harvesting measures should be provided as per the guidelines of the Central Groundwater Authority and geotagged photographs of the same shall be submitted along with first HYCR.</p>	<p>Rainwater harvesting measures have been implemented in accordance with the guidelines of the Central Ground Water Authority. The system is functional and effectively utilized for water conservation. Geotagged photographs of the rainwater harvesting structures are enclosed with .</p>
	 <div data-bbox="367 1451 529 1612"> <p>Google</p> </div> <div data-bbox="555 1464 1404 1608"> <p>Vellilappally, Kerala, India Qmpj+69x, Marangadu, Vellilappally, Kerala 686651, India Lat 9.786144° Long 76.681325° 22/08/2025 01:27 PM GMT +05:30</p> </div> <div data-bbox="1220 1411 1404 1451"> <p>GPS Map Camera</p> </div>	
1.21	<p>Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.</p>	<p>Blasting mats are being effectively utilized during all blasting operations to contain the blast impact, prevent fly rock dispersion, and minimize dust emissions. Geotagged photographs of blasting mat usage are enclosed herewith.</p>

		
1.22	<p>As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent should implement the Environment Management Plan (EMP)/CER as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, from the beginning of the project, indicating both physical and financial targets year wise. The EMP/CER shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support. The indicated cost for implementation of Corporate Environmental Responsibility (CER) shall be 2% of the total project cost.</p>	<p>The quarry operations commenced only a few months ago. The project proponent is in the process of initiating the CER activities in consultation with the Local Self Government Institutions. Expenditure towards CER implementation will commence shortly, and physical and financial targets will be achieved in a phased manner as per the approved EMP/CER plan. A copy of the approved EMP/CER will be provided to the concerned Panchayat for information and implementation support.</p>
1.23	<p>In the wake of occurrence of large scale landslides in the state, as per the information provided by the Department of Mining & Geology, it is directed to use only NONEL (Non Electrical) technology for blasting to reduce the vibration of the ground, which is one of the causative factors that triggers landslides, formation of cracks in the surrounding buildings and disturbance to human and wildlife.</p>	<p>NONEL technology is being used for all blasting operations, and vibration levels are maintained well within the DGMS permissible limit of 15 mm/sec. We assures that only NONEL technology will be used for all future blasting operations, and continuous monitoring will be undertaken to ensure compliance with DGMS vibration limits so as to avoid any calamities / damages. Purchase bill of NONEL is attached as Annexure 10.</p>
1.24	<p>As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEF&CC, in obedience to the directions of the Hon'ble</p>	<p>Noted for compliance and we will scrupulously follow the directions contained. The working of the quarry is just beginning. The reclamation will be started gradually and</p>

	Supreme Court the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.	the benches will be reclaimed with planation, flora, fauna etc. We assure that, as a compensation of loss of trees in the core area we will plant atleast 5 times of the loss of trees that has occurred and follow planting measures suggested by SEAC. We will be Properly upkeep and maintain planted seedlings. The compliance of the same will be incorporated in Half Yearly Compliance Report.
1.25	The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.	Noted for compliance. We will give priority to the conditions stipulated in the Environmental Clearance Order during execution. All possible measures are being implemented at the project site for the conservation and protection of the environment. The conditions prescribed by SEIAA are being strictly followed, and all operations are carried out in accordance with the Environment (Protection) Act, 1986 and other applicable regulations.

STANDARD EC CONDITIONS

1. STATUTORY COMPLIANCE



Sl.No	EC Conditions	Compliance Status
1.1	The Environmental clearance shall be subject to orders of Hon'ble Supreme Court of India, Hon'ble High Courts, NGT and any other Court of Law, from time to time, and as applicable to the project	Noted for compliance. The project proponent undertakes to comply with all directions, orders, and judgments issued by the Hon'ble Supreme Court of India, Hon'ble High Courts, NGT, and any other Court of Law, as applicable to the project. All operations are being carried out in accordance with the prevailing legal framework.
1.2	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.	The project site does not involve any forest land.
1.3	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	The project site is not located within any protected area, wildlife sanctuary, or national park, nor does it fall within the Eco-Sensitive Zone (ESZ) of any such notified area. Hence, clearance from the National Board for Wildlife is not applicable to this project.

1.4	The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report (in case of the presence of schedule-I species in the study area).	Schedule-I species are not present within the project site or the study area. Hence it is not applicable
1.5	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee. A copy of the same shall be included with HYCRs.	Obtained consent from KSPCB. Attached as Annexure 05.
1.6	The project proponent shall obtain the necessary permission from the Central Ground Water Authority, if the project intersects ground water table.	We hereby assure that the maximum depth of mining shall strictly follow the approved Mining Plan. The depth of excavation will not, at any stage, go below the local ground water table.
1.7	Solid/hazardous waste generated in the mines needs to be addressed in accordance to the Solid Waste Management Rules, 2016/Hazardous & Other Waste Management Rules, 2016.	Topsoil will be stored separately and reused for greenbelt/plantation purposes. Used oil/lubricants from mining machinery will be collected, stored in leak-proof containers and handed over only to CPCB/SPCB authorized recyclers.
1.8	Permission of power supply to be taken from the concerned authority for meeting power demand of the project site.	Electricity required only for office operations and associated infrastructures within the site. No power is required for the operation of equipments and machineries during operation phase.
1.9	The maximum production or peak production at any given time shall not exceed the limit as prescribed in the approved mining plan/scheme of mining.	The project proponent assures strict adherence to the approved production capacity and does not undertake any extraction beyond the sanctioned quantity. The details of the mined-out granite so far, as recorded in the KOMPAS system, are attached herewith for verification and compliance as Annexure 17.

1.10	The Project Proponent shall submit air quality monitoring details along with the HYCRs.	Air quality at the quarry site is being monitored periodically through a NABL-accredited laboratory during quarry operations, and the monitoring results are attached as Annexure 11.
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2. AIR QUALITY MONITORING AND MITIGATION MEASURE


Sl.No	EC Conditions	Compliance Status
2.1	Major approach roads shall be black topped and properly maintained. The transportation of the material should be done in covered trucks to contain dust emissions.	The main approach roads to the quarry site are blacktopped and properly maintained to reduce dust emissions. In addition, materials are transported only in covered trucks and tippers, ensuring effective control of dust during transmission.
		
2.2	Vehicular emissions shall be kept under control and regularly monitored. All the vehicles engaged in mining and allied activities shall operate only after obtaining 'PUC' certificate from the authorized pollution testing centres.	All vehicles used in the mine have valid PUC certificates, and their emissions are regularly monitored at authorized testing centers; copies of the certificates are attached as Annexure 12.
2.3	Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution such as haul road, loading and unloading points and transfer points and having high levels of PM10 and PM2.5. Monitoring of Ambient Air Quality to be carried out based on the Notification 2009, as amended from time to time by the Central Pollution Control Board	Effective safeguard measures are being implemented in all critical areas prone to air pollution, including haul roads, loading/unloading points, and transfer points. Regular water sprinkling is carried out to suppress dust and control PM ₁₀ and PM _{2.5} levels. Ambient Air Quality is monitored periodically as per the National Ambient Air Quality Standards (NAAQS), 2009, by the Central Pollution Control Board (CPCB). The monitoring results, conducted through a NABL-accredited laboratory, are attached as Annexure 11.

2.4	Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement at project site, parking area, on haul roads, loading and unloading and at transport points should be provided and properly maintained	Fugitive dust emissions from all sources are being controlled through regular water spraying at the project site, parking area, haul roads, loading/unloading points, and transport points. Adequate water sprinkling arrangements have been provided and are being properly maintained to ensure effective dust suppression.
		
2.5	PP should Install Wind breaker/shield arrangement along the boundary where there are houses within 100m radius.	No residential buildings are located within 100 m radius of the quarry.
2.6	Post environmental closure third party monitoring by reputed institued in air quality, water, land & soil etc shall be carried out and analysed with EMP measures at regular interval. A suitable Recommendation in this regard, shall be furnished to IRO, MoEF&CC for compliance. The data used for analysis shall be obtained from continuos AQMS, site specific water regime. Also third party shall analyses the implementation of river diversion, meeting to the requirement of project report.	Noted for compliance and the directions shall be scrupulously followed.

3. WATER QUALITY MONITORING AND MITIGATION MEASURES


Sl.No	EC Conditions	Compliance Status
3.1	The effluent discharge (mine waste water, workshop effluent) shall be monitored in terms of the parameters notified under the Water Act, 1974 Coal Industry Standards vide GSR 742 (E) dated 25th September, 2000 and as amended from time to time by the Central Pollution Control Board.	As it is a granite building stone quarry, no mine wastewater or workshop effluent is generated. Only stormwater runoff occurs during the monsoon, which is managed through garland drains, desiltation tank, and collection ponds to prevent sediment flow outside the lease area.
3.2	The monitoring data shall be uploaded on the company's website and displayed at the project site at a suitable location. The circular	Noted for compliance and the directions will be scrupulously followed. The project proponent has ensured that the monitored

	No.J-20012/1/2006-IA.11 (M) dated 27th May, 2009 issued by Ministry of Environment, Forest and Climate Change shall also be referred in this regard for its compliance.	environmental data are uploaded on the company's website www.jsrocks.in and are also displayed at a suitable location within the project site for public access.
3.3	Regular monitoring of ground water level and quality shall be carried out in and around the mine lease area by establishing a network of existing wells and constructing new piezometers during the mining operations. The monitoring of ground water levels shall be carried out four times a year i.e. pre-monsoon, monsoon, post-monsoon and winter. The ground water quality shall be monitored once a year, and the data thus collected shall be sent regularly to MOEFCC/RO.	We assure that regular monitoring of ground water level and quality will be carried out seasonally in and around the mine area during mining operations. The monitoring reports will be submitted to the MoEF&CC Regional Office and SEIAA once in every six months. Ground water quality test report attached as Annexure 13
3.4	Monitoring of water quality upstream and downstream of river including ponds, lakes, tanks shall be carried out once in six months and record of monitoring data shall be maintained and submitted to the Ministry of Environment, Forest and Climate Change/Regional Office.	Noted for compliance. However, there is no river, pond, lake, or similar surface water body located near the quarry.
3.5	Ground water, excluding mine water, shall not be used for mining operations. Rainwater harvesting shall be implemented for conservation and augmentation of ground water resources.	Ground water, excluding mine water, is not used for mining operations. A rainwater harvesting pond has been constructed within the project area to collect and store rainwater, which is utilized for dust suppression and green belt development within the quarry premises, thereby conserving and augmenting local ground water resources.
		
3.6	The project proponent shall not alter major water channels around the site. Appropriate embankment shall be provided along the side of the river/nallah flowing near or adjacent to the mine. The embankment constructed along the river/nallah boundary shall be of	There is no major water channel, river/nallah flowing near or adjacent to the mine.

	suitable dimensions and critical patches shall be strengthened by stone pitching on the river front side, stabilized with plantation so as to withstand the peak water pressure preventing any chance of mine inundation.	
3.7	Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, mineral and OB dumps, to prevent run off of water and flow of sediments directly into the river and other water bodies. The water so collected should be utilized for watering the mine area, roads, and for green belt development etc. The drains shall be regularly desilted and maintained properly, particularly after monsoon	No quarry waste is discharged into public drainage systems or natural streams. Garland drains have been constructed along the periphery of the pit area to collect surface run-off from the lease area. The collected water is diverted into desiltation tanks within the quarry complex, where silt is removed before the clear water joins the natural drainage. This ensures that only clear water is discharged. All necessary measures are taken to avoid any disturbance to the existing drainage pattern of adjacent properties. The desiltation tanks are regularly desilted and properly maintained, particularly after the monsoon season.
3.8	Garland drains and silt traps are to be provided in the slopes around the core area to channelize storm water. De-silting of Garland canal and silt traps have to be attended on a daily basis. A labour has to be specifically assigned for the purpose. The proponent shall ensure the quality of the discharging storm water as per the General Effluent Discharge Standards of CPCB.	Garland drains and silt traps have been provided along the slopes around the core area to channelize storm water. These drains and traps are regularly desilted, and a dedicated labourer has been assigned for the purpose. The quality of storm water discharge is ensured as per the General Standards. Drainage out test report attached as Annexure 8.
		


3.9	The water pumped out from the mine, after siltation, shall be utilized for industrial purpose viz. watering the mine area, roads, green belt development etc. The drains shall be regularly desilted particularly after monsoon and maintained properly.	The water pumped out from the mine, after siltation, is utilized within the project area for dust suppression and green belt development. The desiltation tanks are cleaned periodically and maintained properly, particularly after the monsoon season, to ensure effective functioning.
3.10	Adequate groundwater recharge measures shall be taken up for augmentation of ground water. The project authorities shall meet water requirement of nearby village(s) in case the village wells go dry due to dewatering of mine.	Groundwater recharge measures, including rainwater harvesting and construction of siltation/settling ponds, have been implemented within the project site to augment groundwater levels. Monitoring indicates that there has been no adverse impact on village wells due to mining operations. However, the project proponent commits that, if any nearby village wells are affected due to dewatering of the mine, adequate arrangements will be made to meet the water requirements of the affected villages.
3.11	The surface drainage plan including surface water conservation plan for the area of influence affected by the said mining operations shall be prepared, considering the presence of any river/ rivulet/ pond/ lake etc., with impact of mining activities on it, and implemented by the project proponent. The surface drainage plan and/or any diversion of natural water courses shall be as per the provisions of the approved Mining Plan/ EIA-EMP submitted to this Ministry and the same should be done with due approval of the concerned State/ GoI Authority. The construction of embankment to prevent any danger against inrush of surface water into the mine should be as per the approved mining plan and as per the permission of DGMS.	There is no major water channel, river/ nallah flowing near or adjacent to the mine.
3.12	Domestic water shall be providing to the residents/villages which are coming under the zone of influence of the project due to ground water extraction by installing a RO plant with proper supply line and Taps within 2 years	Groundwater extraction for the project is minimal and has not caused any adverse impact on nearby residents or village wells. Hence, no requirement for providing domestic water supply through RO plant has arisen.
3.13	No obsolete technologies for sewage treatment shall be implemented. Construction of Sewage Treatment Plant with latest technology should be completed within 2 years and treated water shall be reused for plantation. CTE and CTO of STP shall be obtained as per the norms.	Since the project involves a limited number of staff and has only toilet facilities, the quantity of sewage generated is very minimal. A septic tank-soak pit system is provided as per the norms to manage the sewage effectively.

4. NOISE AND VIBRATION MONITORING AND PREVENTION

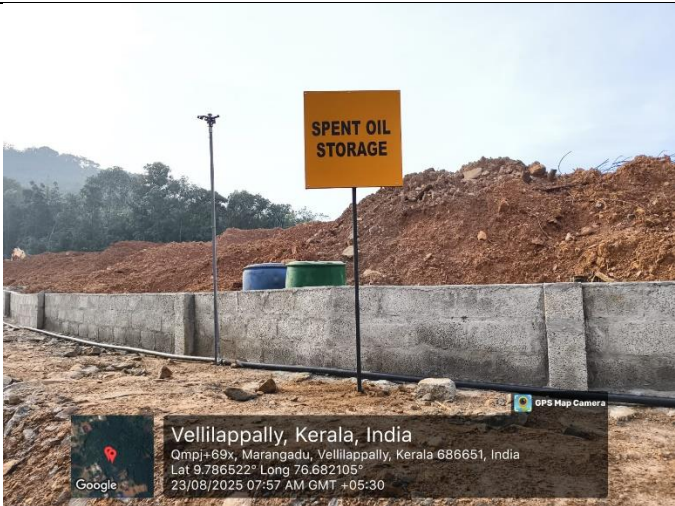
Sl.No	EC Conditions	Compliance Status
4.1	Adequate measures shall be taken for control of noise levels as per Noise Pollution Rules, 2016 in the work environment. Workers engaged in blasting and drilling operations, operation of HEMM, etc shall be provided with personal protective equipments (PPE) like ear plugs/muffs in conformity with the prescribed norms and guidelines in this regard. Adequate awareness programme for users to be conducted. Progress in usage of such accessories to be monitored.	<p>Adequate Personal Protective Equipment (PPE) including helmets, ear muffs, safety belts, gloves, etc. have been provided to all workers at the site to ensure their safety and to comply with the provisions of the Noise Pollution (Regulation & Control) Rules, 2016.</p> <p>Awareness programmes on the safe usage of PPE and control of occupational noise exposure have been conducted and will continue to be organized at regular intervals. The usage and effectiveness of these protective measures will be monitored periodically to ensure compliance with statutory requirements and the safety of workers..</p>
		
4.2	The noise level survey shall be carried out as per the prescribed guidelines to assess noise exposure of the workmen at vulnerable points in the mine premises, and report in this regard shall be submitted to the Ministry/RO on six-monthly basis.	Noise quality at the quarry site is periodically monitored during quarry operations through a NABL-accredited laboratory. The monitoring reports are compiled, and the results are enclosed as Annexure 14 for reference and record.

5. MINING PLAN

Sl.No	EC Conditions	Compliance Status
5.1	Blasting should be done in a controlled manner using NONEL technique as specified by the regulations of Petroleum and explosive safety organization (GOI) or any other concerned authorized agency. A licensed person should supervise/ control the blasting operations	Blasting operations at the quarry are being carried out in a controlled manner using NONEL (Non-Electronic Detonator) technique, in line with the regulations prescribed by the Petroleum and Explosives Safety Organisation (PESO), Government of India, and other applicable statutory authorities. Purchase proof of the Nonel Technology and LE05 register copy has

		<p>attached as Annexure 10.</p> <p>A duly qualified Mines Manager, licensed and appointed as per the Mines Act and DGMS regulations, supervises and controls all blasting activities to ensure safety, compliance, and minimal environmental impact..</p>
5.2	Mining shall be carried out under strict adherence to provisions of the Mines Act 1952 and subordinate legislations made there-under as applicable.	All mining operations are being carried out in strict compliance with the provisions of the Mines Act, 1952, the Metalliferous Mines Regulations, 1961, and other applicable rules and regulations. Regular inspections, safety audits, and monitoring are undertaken to ensure adherence to statutory requirements.
5.3	Mining shall be carried out as per the approved mining plan (including Mine Closure Plan).	The project proponent assures that mining operations, progressive mine closure measures, and final mine closure activities will be implemented as per the approved plan and in compliance with statutory requirements
5.4	Quarrying has to be carried out as per approved mining plan with the suggestions from SEAC incorporated and following KMMC rules 2015 and the Amendments thereby.	Quarrying operations are being carried out strictly as per the approved Mining Plan, incorporating the suggestions and recommendations of SEAC. All activities are in compliance with the Kerala Minor Mineral Concession (KMMC) Rules, 2015 and its amendments.
5.5	The quarrying operation shall be restricted between 7 AM and 5PM	<p>We will scrupulously follows the directions contained. Quarrying operations are strictly carried out only between 7:00 AM and 5:00 PM. A display board indicating the quarry operation timings has been installed at the site, and a photograph of the same is attached herewith for reference.</p> 
5.6	Maximum depth of mining shall be as per the mining plan and as per specific direction of SEAC after field inspection. The maximum depth of mining should not be deeper than the local ground water table. No mining operations should be	<p>Mining operations are being carried out strictly as per the approved Mining Plan and in accordance with the specific directions of the State Environment Appraisal Committee (SEAC) issued after field inspection.</p> <p>The mining depth is maintained well above</p>


	carried out at places having a slope greater than 45°	<p>the local ground water table, and no mining is conducted below this level. To ensure this, the ground water table is periodically verified through seasonal monitoring using observation wells/piezometers within and around the lease area.</p> <p>Further, no mining operations are undertaken in areas having a slope greater than 45°, thereby ensuring adherence to prescribed safety and environmental norms.</p>
5.7	The height of any bench shall not exceed five meters and breadth shall not be less than the height	The quarrying activity in the project site is progressing by creating benches of 5m width and 5m height. The formation of benches is under the direction and supervision of competent person.
5.8	<p>The top soil, if any, shall be temporarily stored at earmarked place (s) and used for land reclamation and plantation. The overburden (OB) generated during the mining operations shall be stacked at earmarked dump site(s) only. The maximum height of the dumps shall not exceed 8m and width 20m and overall slope of the dumps shall be maintained at 45°. The OB dumps should be scientifically vegetated with suitable native species to prevent erosion and surface run off. At critical points, use of geo textile shall be undertaken for stabilization of the dump. Protective wall or gabions should be made around the dump to prevent erosion / flow of sediments during rains. The entire excavated area shall be backfilled</p>	<p>The topsoil generated during initial mining operations is being temporarily stored at earmarked locations within the lease area and is exclusively utilized for land reclamation and plantation purposes. The overburden (OB) is stacked only at the designated dump sites, with the overall slope of the dumps maintained at 45°. To prevent soil erosion and surface runoff, both topsoil and overburden are stored in earmarked areas with protective retaining walls provided around the dumps.</p> <p>The dumps are being stabilized progressively through plantation with native species. Although geo-textile stabilization has not yet been undertaken as the quarry has started recently, the same will be implemented at critical/vulnerable points in due course as part of the progressive reclamation plan.</p> <p>The overburden is also being gainfully utilized for haulage road construction and landfilling within the project area, with any excess safely stored at the designated dump site as per the approved mining plan and regulatory directions.</p> <p>The excavated area will be backfilled and reclaimed in a phased manner to restore the landscape. Photograph of OB/topsoil dumping with retaining wall is attached for reference,</p>

		
5.9	<p>All the mining equipment used in Mining like backhoe loaders and excavators cause pollution and hence shall be serviced regularly & maintained for their efficient functioning and for reducing pollution. Disposal of spent oil from diesel engines should be as specified under relevant Rules/ Regulations</p>	<p>All mining equipment, including backhoe loaders, excavators, and other Heavy Earth Moving Machinery (HEMM), are being regularly serviced and properly maintained to ensure efficient functioning and to minimize air and noise pollution.</p> <p>The spent oil and used lubricants generated from diesel engines are managed in strict compliance with the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016. These are collected, stored in a designated area, and disposed of only through authorized recyclers approved by the State Pollution Control Board.</p> <p>For reference, the agreement with the authorized recycler is enclosed as Annexure 15.</p>

6. LAND RECLAMATION

Sl.No	EC Conditions	Compliance Status
6.1	Digital Survey of entire lease hold area/core zone using Satellite Remote Sensing survey shall be carried out at least once in three years for monitoring land use pattern and report in 1:50,000 scale or as notified by Ministry of Environment, Forest and Climate Change (MOEFCC) from time to time shall be submitted to MOEFCC/ Regional Office (RO).	Noted for compliance and the directions contained shall be scrupulously followed.
6.2	Post-mining land be rendered usable for agricultural/ forestry purposes and shall be handed over to the respective State	Noted for compliance and the directions contained shall be scrupulously followed. Post-mining, the excavated land will be

	Government, as specified in the Guidelines for Preparation of Mine Closure Plan, issued by the Ministry of Coal dated 27th August, 2009 and subsequent amendments.	scientifically reclaimed and rendered suitable for agricultural/forestry purposes in accordance with the Mine Closure Plan. Progressive reclamation will be undertaken by backfilling the excavated area, stabilizing it through plantation with suitable native species, and restoring the land to a productive use.
6.3	Regular monitoring of subsidence movement on the surface over and around the working areas and its impact on natural drainage pattern, water bodies, vegetation, structure, roads and surroundings shall be continued till movement ceases completely. In case of observation of any high rate of subsidence beyond the limit prescribed, appropriate effective mitigation measures shall be taken to avoid loss of life and materials. Cracks should be effectively plugged in with ballast and clay soil/suitable material.	The project is a granite building stone quarry operating through opencast method. Hence, the possibility of subsidence movement on the surface is negligible, as no underground voids are created during quarrying operations. No subsidence has been observed in and around the quarry area. Regular monitoring is being carried out, and if any subsidence occurs in future, necessary mitigation measures will be taken immediately.
6.4	The proponent should plant seedlings at least 5 times of the loss of trees that has occurred while clearing the land for the project and follow planting measures as suggested by SEAC. Suitable avenue trees should be planted along the sides of the approach road and internal roads and open parking areas, if any. Preference should be given to endemic native and fruit bearing species. Planting in buffer areas should be taken up beforehand. Proper upkeep and maintenance of planted seedlings shall be ensured by the project proponent	<p>Compensatory afforestation has been initiated in accordance with the condition. A plantation program has been undertaken to plant seedlings at least five times the number of trees lost during land clearing for the project.</p> <p>Priority is given to endemic, native, and fruit-bearing species as suggested by SEAC. Plantation has also been carried out along the approach road, internal roads, and open areas, and buffer zone plantation is being taken up in advance.</p> <p>The planted seedlings are being provided with regular watering, protection measures, and maintenance to ensure survival and healthy growth. The plantation programme will be continued progressively throughout the project period.</p>

		
6.5	The proponent should ensure that the vegetation in the buffer is retained, maintained and strengthened with additions of native broad leaved plants.	The existing vegetation in the buffer zone is being retained and maintained without any disturbance. To further strengthen the green cover, native broad-leaved plant species are being progressively added through plantation programs. Regular care and maintenance are ensured to promote healthy growth and ecological stability in the buffer area.
6.6	Thorough inspection of the mine lease area for any cracks developed at the surface due to mining activities below ground shall be carried out to prevent inrush of water in the mine.	Noted. The project is a granite building stone quarry operating by opencast method. Mining is carried out only through surface excavation; hence, there is no risk of cracks forming due to underground voids or inrush of water. Regular inspections are being carried out to ensure safety, and any such occurrence will be addressed immediately.
6.7	Native tree species shall be selected and planted over areas of greenbelt and compensatory afforestation affected by subsidence.	As part of the greenbelt development and compensatory afforestation program, native and site-suitable tree species are being planted along the lease boundary, approach roads, open areas, and other designated zones. Preference is given to endemic broad-leaved and fruit-bearing species recommended for the region, such as: Phyllanthus emblica (Nelli), Syzygium cumini (Njaval), Wrightia tinctoria (Dhanthapala), Ficus benghalensis (Peral), Ficus racemosa (Atti), Bambusa bambos (Mullumula), Dendrocalamus strictus (Kallan mula), Strychnos nux-vomica

		(Kanjiram), Terminalia catappa (Thanni), Schleicheria oleosa (Poovam), Artocarpus hirsutus (Ayiniplavu).
6.8	Eco-restoration including the closure of mine as per the progressive closure plan and final closure plan shall be done at the cost of the project proponent. This eco-restoration should follow scientific standards available for restoration, full recovery of the original vegetation and improving the resilience of different ecosystems. Overburden materials should be managed within the site and used for reclamation of mined pit as per mine closure plan / specific conditions.	<p>Eco-restoration of the quarry area will be undertaken in line with the Progressive Mine Closure Plan and Final Mine Closure Plan, entirely at the cost of the project proponent. The restoration will follow scientific standards and best practices, aiming at</p> <ul style="list-style-type: none"> • Reclamation of mined pits using overburden material generated within the site, • Progressive backfilling and land contouring to restore the landscape, • Soil enrichment and plantation with suitable native species to ensure full recovery of vegetation, and • Enhancing ecosystem resilience through biodiversity-friendly planting and stabilization measures. <p>The process will be carried out in a phased and systematic manner to ensure that the post-mining landform is safe, stable, and capable of supporting agriculture, forestry, and ecological functions.</p>
6.9	At least 10 percent out of the total excavated pit area should be retained as water storage areas and the remaining area should be reclaimed with stacked dumping and overburden and planted with suitable indigenous plant species, if no other specific condition on reclamation of pit is stipulated in the E.C. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining	<p>The project is an opencast granite building stone quarry, and mining will be carried out only above the local ground level. No deep pit formation below the groundwater table is envisaged. However, in line with sustainable practices, a Rainwater Harvesting (RWH) pond has been developed within the lease area to serve as a permanent water storage facility.</p> <p>The balance excavated areas, upon completion of quarrying, will be progressively reclaimed through backfilling with overburden and topsoil, land contouring, and plantation with suitable indigenous species. Monitoring and maintenance of the rehabilitated areas will continue until vegetation becomes self-sustaining, ensuring ecological stability and long-term land usability</p>

7. PUBLIC HEARING AND HUMAN HEALTH ISSUES

Sl.No	EC Conditions	Compliance Status
7.1	Adequate illumination shall be ensured in all mine locations (as per DGMS standards) and monitored.	Quarrying operations are carried out only during daylight hours (7am to 5pm), hence illumination for active mining is not required.

		However, to ensure safety and compliance with DGMS standards, solar-powered lighting has been installed along approach roads, office premises, and key mine locations. These are regularly monitored and maintained to provide adequate illumination during low-visibility conditions or in case of emergency situations.
7.2	The project proponent shall undertake occupational health survey for initial and periodical medical examination of the personnel engaged in the project and maintain records accordingly as per the provisions of the Mines Rules, 1955 and DGMS circulars. Besides regular periodic health check-up, 20% of the personnel identified from workforce engaged in active mining operations shall be subjected to health check-up for occupational diseases and hearing impairment, if any, as amended time to time.	Occupational health surveys and periodical medical examinations of workers are being conducted in accordance with the Mines Rules, 1955 and relevant DGMS circulars. In line with the statutory requirement, 20% of the active workforce engaged in mining operations undergoes health check-ups specifically for occupational diseases and hearing impairment at regular intervals. All medical records are properly maintained and documented, and copies are enclosed as Annexure 16.
7.3	The proponent has to provide insurance protection to the workers in the case of existing mining or provide the affidavit in case of fresh lease before execution of mining lease	Noted for compliance and we will scrupulously follow the directions contained.
7.4	Skill training as per safety norms specified by DGMS shall be provided to all workmen including the outsourcing employees to ensure high safety standards in mines.	All workmen, including outsourced employees, are being provided with skill development and safety training programs in accordance with the safety norms specified by DGMS. Training covers safe handling of equipment, controlled blasting, use of PPE, emergency preparedness, and adherence to statutory mine safety standards.
7.5	Effective arrangement shall be made to provide and maintain at suitable points conveniently situated, a sufficient supply of drinking water for all the persons employed.	Adequate arrangements have been made to provide a sufficient supply of safe drinking water at suitable and convenient locations within the quarry and worksite. Water facilities are regularly maintained and replenished to ensure all personnel, including workers and outsourced staff, have uninterrupted access to potable water during working hours.
7.6	Implementation of the time bound action plan on the issues raised during the public hearing shall be ensured. The project proponent shall undertake all the tasks/measures as per the time bound action plan submitted with budgetary provisions	Not applicable. The project area is below 5 hectares, and therefore, no public hearing was conducted. The quarry is on consented land for a period of 5 years, and there are no land oustees. All operations are being carried out in accordance with the applicable

	during the public hearing. Land oustees shall be compensated as per the norms laid down in the R&R policy of the company/ State Government/ Central Government, as applicable.	statutory provisions..
7.7	The project proponent shall follow the mitigation measures provided in this Ministry's OM No.Z- 11013/5712014-IA.II (M) dated 29th October, 2014, titled 'Impact of mining activities on habitations-issues related to the mining projects wherein habitations and villages are the part of mine lease areas or habitations and villages are surrounded by the mine lease area'.	The direction contained will be scrupulously followed.

8. CORPORATE ENVIRONMENT RESPONSIBILITY

Sl.No	EC Conditions	Compliance Status
8.1	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/ deviation/ violation of the environmental/ forest/ wildlife norms/ conditions. The company shall have defined system of reporting infringements/ deviation/ violation of the environmental/ forest/ wildlife norms/ conditions and/or shareholders/ stake holders.	Though the project is not managed by a formal company, an Environmental Management Plan (EMP) has been prepared and approved as part of the Mining Plan. An Environmental Management Cell has been established to implement the EMP, oversee environmental management, and ensure compliance with all applicable environmental, forest, and wildlife norms. The EMP and the Cell include standard operating procedures (SOPs) to identify and address any deviations or non-compliances, along with a defined system of monitoring and reporting to maintain accountability and ensure effective environmental management throughout the project.
8.2	Corporate Environmental Responsibilities (CER) as prescribed by SEIAA/ SEAC should be carried out leading to Environmental stability of the Project region. The activities carried out under CER should be a part of the half yearly compliance report. The certificates from the beneficiaries, if the CER part is completed should also be submitted to the State Environment Impact Assessment Authority (SEIAA) along with year wise expenditure	Noted for compliance and we will scrupulously follows the directions contained. As the quarry operations have started only recently CER activities for the project are currently in the initial stages, and more activities are being planned for implementation in a time-bound manner. All activities undertaken under CER, along with year-wise expenditure details and certificates from beneficiaries, will be submitted to SEIAA as part of the Half-Yearly Compliance Report, ensuring full transparency and contributing to the environmental stability of the project region.

8.3	The Project Proponent shall implement the EMP and environmental conditions along with CER from the comments of activity. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.	The Project Proponent is implementing the Environmental Management Plan (EMP) along with CER activities as per the project requirements. Year-wise funds earmarked for environmental protection measures are strictly maintained in a separate account and are assured not to be diverted for any other purpose. The progress of implementation of the action plan will be monitored and reported to the Ministry/Regional Office through the Six-Monthly Compliance Report, ensuring full compliance with the environmental conditions stipulated for the project..
8.4	Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.	Self-environmental audit of the quarry operations will be conducted annually as per the requirement. Considering the two-year life of the quarry, all audit findings during the operational period will be documented and submitted as part of the Six-Monthly Compliance Reports to the Ministry/Regional Office.


9. MISCELLANEOUS

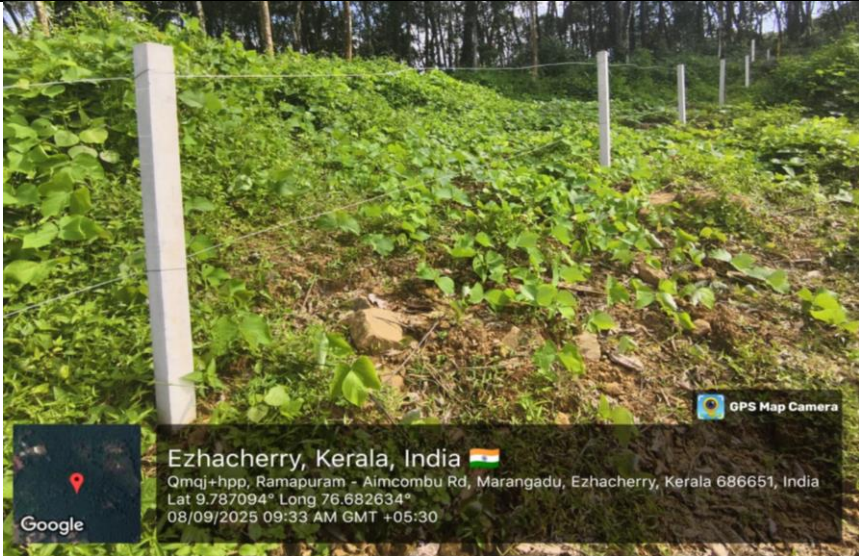

Sl.No	EC Conditions	Compliance Status
9.1	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis. The HYCRs shall be submitted to IRO MoEF&CC, Bangalore & SEIAA, Kerala.	The status of compliance with the stipulated Environmental Clearance conditions, including monitored data, will be uploaded on the project website and updated on a half-yearly basis. The Half-Yearly Compliance Reports (HYCRs) will be submitted to the Regional Office, MoEF &CC, Bangalore and the SEIAA, Kerala in a timely manner. Website address of the quarry is https://jsrocks.in
9.2	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.	The compliance report, along with the results of the monitored data, is being submitted to the State Environmental Impact Assessment Authority, Kerala, and the Regional Office of MoEF & CC, Bangalore, via email .
9.3	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	Noted for compliance and we will scrupulously follow the directions contained.

9.4	The project authorities shall inform to the Regional Office of the MOEFCC regarding commencement of activity.	Noted.
9.5	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	We will strictly adhere to all stipulations and directions issued by the State Pollution Control Board and the State Government, ensuring full compliance with environmental regulations and maintaining best practices in our project operations."
9.6	The project proponent shall abide by all the commitments and recommendations made in the EIA/ EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	Not Applicable. The project falls below 5 hectares and hence EIA, and Public Hearing were not applicable. However, the project proponent commits to abide by all commitments and recommendations made in the mining plan and during appraisal by SEAC/SEIAA, and will strictly follow the conditions stipulated in the Environmental Clearance.
9.7	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).	No expansion or modification of the project will be carried out without prior approval from MoEF&CC.
9.8	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.	We confirm that such a situation has never occurred, and we note this condition for strict compliance."
9.9	The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	We acknowledge that the SEIAA may revoke or suspend the Environmental Clearance if the implementation of any of the above conditions is found to be unsatisfactory, and we commit to ensuring full and satisfactory compliance at all times."
9.10	The SEIAA reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	We acknowledge that the SEIAA reserves the right to stipulate additional conditions if deemed necessary, and we will implement such conditions in a time-bound manner.
9.11	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.	We will extend full cooperation to the officers from the Regional Office of MoEF&CC in monitoring the compliance of the stipulated conditions and will provide all requisite data, information, and monitoring reports as requested
9.12	The above conditions shall be enforced, inter-alia under the provisions of the Water	We will strictly comply with all such applicable laws, rules, and orders in a

	(Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.	timely and diligent manner."
9.13	The proponent shall abide by all the commitments and recommendations made in the EIA/EMP report and also that during presentation to the EAC. All the commitments made on the issues raised during public hearing shall also be implemented in letter and spirit.	The project falls below 5 hectares and hence EIA, and Public Hearing were not aconducted.However, the project proponent commits to abide by all commitments and recommendations made in the mining plan and during appraisal by SEAC/SEIAA, and will strictly follow the conditions stipulated in the Environmental Clearance.
9.14	A minimum buffer distance specified as per existing rules and statutory orders shall be maintained from the boundary of the quarry to the nearest dwelling unit or other structures, and from forest boundaries or any other ecologically sensitive and archeologically important areas or the specific distance specified by SEIAA in EC as per the recommendations of SEAC depending on specific local conditions.	A minimum buffer distance is being maintained from the quarry boundary to the nearest dwelling units & structures, and strictly in line with the statutory rules and the conditions specified in the Environmental Clearance. There is no forest boundaries, ecologically sensitive and archeologically important areas near the quarry
9.15	Persons of nearby villages shall be given training on livelihood and skill development to make them employable with its proper records.	Priority is being given to providing employment opportunities in the quarry to persons from nearby villages. Necessary training and skill development support are also being provided,
9.16	The illumination and sound at night at project sites disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations. Habitations have a right for darkness and minimal noise levels at night. PPs must ensure that the biological clock of the villages is not disturbed; by orienting the floodlights/ masks away from the villagers and keeping the noise levels well within the prescribed limits for day light/night hours	We have restricted quarrying operations to between 7 AM and 5 PM, with no night operations. Noise quality will be monitored periodically in accordance with the norms of the State Pollution Control Board, and the results are well within the limits specified under the Noise Regulation Act. The monitoring report is attached as Annexure 14.

9.17	The proponent should provide notarized affidavit (indicating the number and date of Environmental Clearance proceedings) that all the conditions stipulated in the EC shall be scrupulously followed.	The notarized affidavit, affirming strict adherence to all stipulated EC conditions, is attached herewith as Annexure 18 .
9.18	All the statutory clearances should be obtained, as applicable, by the project proponent from the respective competent authorities including that for blasting and storage of explosives. Copies of all statutory clearances shall be submitted along with First Half Yearly Compliance Report	<p>We have obtained the following statutory clearances and approvals, and copies of all are attached as annexures:</p> <ul style="list-style-type: none"> • Environmental Clearance from SEIAA • Quarrying Lease • Consent from Kerala State Pollution Control Board • License from the Explosives Department • D&O License from the Local Self-Government Department (LSGD)"
9.19	The project proponent should advertise in news papers that the project has been accorded Environmental Clearance and copies of clearance letters are available in the Office of State Environment Impact Assessment Authority (SEIAA) and on the website of the Authority at www.seiaakerala.in . The advertisement should be in at least two local newspapers widely circulated in the region, one of which shall be in the vernacular language. The advertisement should be made within 10 days from the date of receipt of the Environmental Clearance letter and a copy of the same signed in all pages should be forwarded to the office of this Authority as confirmation	We have advertised that the project has been accorded Environmental Clearance in two widely circulated local newspapers in the region, Kerala Kaumudi and Mangalam Daily, on 28-09-2024. Attaching the cuttings of the newspaper advertisement for reference

			
<p>9.20</p>	<table border="1"> <tr> <td data-bbox="288 1397 869 1765"> <p>The proponent shall send a copy of the EC to concerned Grama Panchayat/ District Panchayat/ Municipality/ Corporation/ Urban Local Body and also to the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The Environmental Clearance shall also be uploaded on the website of the company</p> </td><td data-bbox="869 1397 1444 1765"> <p>A copy of the Environmental Clearance has been forwarded to the Secretary of Ramapuram Grama Panchayat, and the EC has also been uploaded on the project website www.jsrocks.in</p> </td></tr> </table>	<p>The proponent shall send a copy of the EC to concerned Grama Panchayat/ District Panchayat/ Municipality/ Corporation/ Urban Local Body and also to the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The Environmental Clearance shall also be uploaded on the website of the company</p>	<p>A copy of the Environmental Clearance has been forwarded to the Secretary of Ramapuram Grama Panchayat, and the EC has also been uploaded on the project website www.jsrocks.in</p>
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<p>9.21</p>	<table border="1"> <tr> <td data-bbox="288 1765 869 1986"> <p>The lease area shall be fenced with barbed wire to a minimum height of 4ft around, before starting mining. All the boundary indicators (boards, markings, etc) shall be conspicuous and maintained at all times</p> </td><td data-bbox="869 1765 1444 1986"> <p>To demarcate the lease area and prevent the entry of animals or humans and the dumping of garbage, we have installed barbed metal wire fencing around the lease area. Photographs are attached for reference</p> </td></tr> </table>	<p>The lease area shall be fenced with barbed wire to a minimum height of 4ft around, before starting mining. All the boundary indicators (boards, markings, etc) shall be conspicuous and maintained at all times</p>	<p>To demarcate the lease area and prevent the entry of animals or humans and the dumping of garbage, we have installed barbed metal wire fencing around the lease area. Photographs are attached for reference</p>
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<p>9.22</p>	<p>The details of Environmental Clearance should be prominently displayed in a metallic board of 3 ft x 3 ft with green background and yellow letters of Times New Roman font size of not less than 40. Sign board with extent of lease area and boundaries shall be depicted at the entrance of the quarry, visible to the public</p>	<p>A display board showing all details of the project and the Environmental Clearance has been installed at the entrance of the quarry site, as specified in the Environmental Clearance. Photographs are attached for reference</p>
		
<p>9.23</p>	<p>Explosives should be stored in magazines in isolated place specified and approved by the Explosives Department. Mats to reduce fly rock blasts to a maximum of 10 PPV should be provided</p>	<p>Explosives are stored in magazines located in isolated areas as specified and approved by the Explosives Department. Mats have been provided to ensure that fly rock from blasts does not exceed a maximum of 10 mm/s PPV. Photographs of the explosives magazine and the mats provided to reduce</p>

		fly rocks are attached herewith
	 <p>Vellilappally, Kerala, India Viswas Foods, Ramapuram - Aimcombu Rd, Marangadu, India Lat 9.786188° Long 76.682082° 22/08/2025 05:26 PM GMT +05:30</p>	 <p>Vellilappally, Kerala, India Viswas Foods, Ramapuram - Aimcombu Rd, Marangadu, Vellilappally, Kerala 686653, India Lat 9.786637° Long 76.682928° 23/08/2025 07:28 AM GMT +05:30</p>
9.24	<p>Warning alarms indicating the time of blasting (to be done at specific timings) has to be arranged stipulated by Explosive Department</p>  <p>Vellilappally, Kerala, India Qmji+69x, Marangadu, Vellilappally, Kerala 686651, India Lat 9.786372° Long 76.681765° 09/09/2025 10:49 AM GMT +05:30</p>	<p>As per the stipulations of the Explosives Department, we have installed a siren as a warning alarm at the quarry site. The siren is sounded before blasting to warn workers and the public. Blasting timings are also displayed prominently on a caution board at the site. Photographs of the installed siren and the caution board displaying blasting timings are attached herewith</p>  <p>Vellilappally, Kerala, India Qmji+69x, Marangadu, Vellilappally, Kerala 686651, India Lat 9.786453° Long 76.681864° 22/08/2025 01:24 PM GMT +05:30</p>
9.25	<p>Periodical monitoring of the vibration at specified location (preferably at a distance of 50 m and 100 m) to be conducted and records kept for inspection. This could also form a part of the compliance reports</p>	<p>We are using NONEL blasting technology to reduce ground vibrations, as recommended by the Department of Mining and Geology (DMG) and SEIAA. Controlled blasting techniques are adopted to ensure that PPV values remain within 10 mm/sec. Periodic vibration monitoring is conducted at specified locations, preferably at distances of 50 m and 100 m, and records are maintained for inspection. The vibration monitoring report is attached as Annexure 09.</p>
9.26	<p>Speed of trucks entering or leaving the mine site is to be limited to moderate speed</p>	<p>We assure that the speed of trucks entering and leaving the mine site will be</p>

	of 25 kmph to prevent undue noise from empty trucks	maintained at or below the prescribed limit of 25 kmph to prevent undue noise from empty trucks
9.27	Acoustic enclosures should be provided to reduce sound amplifications in addition to the provisions of green belt and hollow brick envelop for crushers so that the noise level is kept within prescribed standard limit indicated by CPCB/ KSPCB	There is no crusher unit in the project site. The vegetation around the project area act as an acoustic enclosure which reduces sound amplifications. This helps the noise level kept within prescribed standards. To assure this, the project have monitored the noise level periodically by a NABL accredited laboratory. Lab reports of the same attached as Annexure :14
9.28	Measures should be taken for maintaining noise levels below 85 dBA in the work environment	We have taken appropriate steps to reduce the sound by employing possible measures. Measurements of noise levels are taken in the work environment. Noise Monitoring Lab results are attached Annexure 14.
9.29	In the case of any change(s) in the scope of the project, extent, quantity, process of mining technology involved or in any way affecting the environmental parameters/impacts as assessed, based on which the E.C was issued, the project would require a fresh appraisal by this Authority, for which the proponent shall apply and get the approval of this Authority. In the case of transfer of ECs, the matter shall be intimated and get the approval from the Authority as per the existing norms	The company shall abide by the directions of SEIAA/DEIAA Kerala. We confirm that the project is currently operating as per the approved mining plan .There is no change in the scope of the project. We will seek fresh Environmental Clearance in the event of any changes in the scope, extent, quantity, mining process, or technology that may affect the environmental parameters or impacts assessed. In the case of transfer of Environmental Clearances, we will intimate the Authority and obtain approval as per the existing norms.
9.30	The pits in the abandoned quarries and in the mined area shall be used for activities like water harvesting, aqua culture etc. in an eco friendly manner.	Noted for Compliance and scrupulously follows the directions contained. We confirm that no quarrying will be carried out below ground level, and no pits will be formed.
9.31	If Government land is partly or fully used for mining, the area shall be returned at the end of lease period after mine closure with separate demarcation with suitable survey marks.	We confirm that the mining is being carried out on consented private land. The requirement to return government land at the end of the lease period does not arise
9.32	Any accident occurring in the mined out area after the lease period due to negligence in carrying out safety measures and non-closure, will lead to suspension of all EC obtained for mining by the Proponent.	We will ensure strict adherence to all safety and closure measures to prevent such incidents.

9.33	In case of transfer of EC the matter shall be intimated and approval from the Authority shall be obtained as per the existing norms.	We will intimate the Authority and obtain approval in accordance with existing norms in the event of any transfer of the Environmental Clearance
9.34	The EC given will be withdrawn at any time if the area is declared high hazardous by the SDMA.	Proponent is aware of the condition.
9.35	The Environmental Clearance will be subject to the final order of the courts on any pending litigation related to the land or project, in any court of law.	There is no pending litigation related to the land or project in any court of law.
9.36	Any appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	We confirm that no appeal has been filed against this Environmental Clearance for this project.
9.37	As per regulation no. 106(2) of metalliferous mines regulation under Mine act, the height of any bench shall not exceed six meters and breadth shall not be less than the height.	We ensure that, as per Regulation 106(2) of the Metalliferous Mines Regulations under the Mines Act, the height of any bench does not exceed six meters and the breadth of the bench is not less than its height. Quarrying activity at the project site is progressing by creating benches of 5 m height and 5 m width. The formation of benches is carried out under the direction and supervision of a competent person

ANNEXURES

ANNEXURE 1
Environmental Clearance



File No: 12/2024
Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment Authority(SEIAA),
KERALA)



Dated 17/08/2024



To,

Sri. Jismon Bhaskaran
Ambarappillil House, Muvattupuzha, PO, Ernakulam, Kerala - 686 661
jismonab83@gmail.com

Subject: Grant of EC under the provision of the EIA Notification 2006-regarding.

Sir/Madam,

This is in reference to your application for Grant of EC under the provision of the EIA Notification 2006-regarding in respect of proposed granite building stone quarry project of Sri. Jismon A. B submitted to Ministry vide proposal number SIA/KL/MIN/459736/2024 dated 31/01/2024.

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC24C0108KL5484220N
(ii) File No.	12/2024
(iii) Clearance Type	EC
(iv) Category	B2
(v) Project/Activity Included Schedule No.	1(a) Mining of minerals
(vii) Name of Project	Proposed granite building stone quarry of Mr. Jismon A. B
(viii) Name of Company/Organization	Sri. Jismon Bhaskaran
(ix) Location of Project (District, State)	Kottayam, Kerala
(x) Issuing Authority	SEIAA
(xii) Applicability of General Conditions	yes
(xiii) Applicability of Specific Conditions	yes

3. In view of the particulars given in the Para 1 above, the project proposal interalia including Form-1 (Part A and B) were submitted to the Ministry for an appraisal by the State Environment Impact Assessment Authority(SEIAA) Appraisal Committee (SEIAA) in the Ministry under the provision of EIA notification 2006 and its subsequent amendments.

4. The above-mentioned proposal has been considered by State Environment Impact Assessment Authority (SEIAA)

Appraisal Committee of SEIAA in its 163rd meeting and recommended EC for the mine life of 2 years. The minutes of the meeting and all the application and documents submitted [(viz. Form-1 Part A, Part B, Part C EIA, EMP)] are available on PARIVESH portal which can be accessed by scanning the QR Code above.

5. The brief about project details, the Environmental Management Plan and Corporate Environment Responsibility (CER) to be implemented or followed are annexed to this EC.
6. The SEIAA, in its meeting held on May 30, 2024, based on information & clarifications provided by the project proponent and after detailed deliberations recommended the proposal for grant of EC under the provision of EIA Notification, 2006 and as amended thereof subject to stipulation of specific and general conditions as detailed in Annexure (1).
7. The SEIAA has examined the proposal in accordance with the Environment Impact Assessment (EIA) Notification, 2006 & further amendments thereto and after accepting the recommendations of the State Environment Impact Assessment Authority (SEIAA) Appraisal Committee hereby decided to grant EC for instant proposal of **Sri. Jismon Bhaskaran** under the provisions of EIA Notification, 2006 and as amended thereof.
8. Environmental Clearance is hereby accorded to **Sri. Jismon A. B., Ambarappillil House, Muvattupuzha (P.O), Ernakulam - 686 661 for the Granite Building Stone Quarry Project, for an area of 0.8300 Ha at Re-Sy Nos. 185/1 & 185/1-1 in Vellilappilly Village, Meenachil Taluk, Kottayam for a period of Two (2) years** from the date of issuance of mine permit, from the Department of Mining and Geology for the quantity re-assessed by the Mining and Geology Department as per Site Specific Condition No. 3.
9. Validity of the Environmental Clearance will be for **2 years** from the date of execution of valid mining lease/permit from the Department of Mining & Geology, subject to the earlier review by SEAC in case of violation or non-compliance of conditions or genuine complaints from residents within the security area of the quarry.
10. Violation of any of the above Specific & General Conditions as applicable to the particular case will entail cancellation of the Environmental Clearance, in addition to legal action under the provisions of the Environment (Protection) Act, 1986. Non-compliance, if any shall be reported to the District Collector, Kottayam or SEIAA, Kerala.
11. The Ministry reserves the right to stipulate additional conditions, if found necessary.
12. The EC to the aforementioned project is under provisions of EIA Notification, 2006. It does not tantamount to approvals/consent/permissions etc. required to be obtained under any other Act/Rule/regulation. The Project Proponent is under obligation to obtain approvals /clearances under any other Acts/ Regulations or Statutes, as applicable, to the project.
13. This issues with the approval of the Competent Authority.

Copy To

MoEF Regional Office, Southern Zone, Kendriya Sadan, 4th Floor, E&F Wing, II Block, Koramangala, Bangalore-560034. (through e-mail: rosz.bng-mefcc@gov.in)

The Secretary to Government, Environment Department, Government of Kerala

The Director, Directorate of Environment & Climate Change, 4th Floor KSRTC Bus Terminal, Thampanoor, Thiruvananthapuram, Kerala 695001.

The District Collector, Kottayam.

The Director, Department of Mining & Geology, Thiruvananthapuram - 4.

The Member Secretary, Kerala State Pollution Control Board, Thiruvananthapuram

The District Geologist, Kottayam

The Environmental Engineer, KSPCB, Kottayam

The Tahsildhar, Meenachil Taluk, Kottayam

The Secretary, Ramapuram Grama Panchayat, Kottayam

The Chairman, SEIAA

Website

S/f, O/c

Specific EC Conditions for (Mining Of Minerals)

1. Site Specific Conditions

S. No	EC Conditions
1.1	The Project Proponent shall carry out quarrying as per the approved Mining Plan and the Specific Conditions mentioned hereafter. The Project Proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.
1.2	The EC shall be valid from the date of execution of permit/lease from the Department of Mining and Geology. The copy of the permit / lease order should be provided to the SEIAA before commencing the mining activity.
1.3	The depth of mining should be limited to 70m AMSL to prevent intersection with ground water table and the mineable resources shall be reworked accordingly by the Mining and Geology Department while approving the Scheme of Mining / issuing the lease or permit.
1.4	Development of green belt should be initiated prior to the commencement of mining using indigenous species. The suggested species are Phyllanthus emblica (Nelli), Syzygium cumini (Njaval), Writia tinctoria (Dhanthapala), Ficus bengalensis (Peral), Ficus racemosa (Atti), Bambusa bamboos (Mullumula), Dendrocalamus strictus (Kallan mula), Strychnos nuxvomica (Kanjiram), Terminalia cattappa (Thanni), Schleicher oleosa (Poovam), Artocarpus hirsutus (Ayiniplavu) etc.
1.5	Compensatory afforestation should be done prior to the commencement of mining, by planting local species of trees on available land owned by the proponent, at the lower portion of the land.
1.6	Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain should be provided prior to the commencement of mining.
1.7	Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration.
1.8	Garland drain, silt-traps, siltation ponds and outflow channel should be desilted periodically and geo-tagged photographs of the process should be included in the halfyearly compliance report (HYCR).
1.9	Drainage water should be monitored at different seasons by an NABL accredited lab and clear water should only be discharged into the natural stream. Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.
1.10	Overburden should be stored at the designed place and gabion wall should be provided for the topsoil and overburden storage sites.
1.11	The impact of vibration due to blasting on the houses and other built structures within 200m distance from the project boundary should be monitored in terms of Peak Particle Velocity and amplitude for a maximum charge per delay and included in the Half Yearly Compliance Report.
1.12	Geotagged photographs of the progress of compensatory afforestation should be submitted along with HYCR.

S. No	EC Conditions
1.13	Implementation of CER Plan should be done during the first year itself of the EC period itself and its operation and maintenance should be done till the completion of mine closure plan.
1.14	The haulage road should be provided with sprinkling facility to prevent dust pollution.
1.15	Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30 pm to 5.00 pm).
1.16	Adequate sanitation, waste management and restroom facilities should be provided to the workers.
1.17	Adequate energy conservation measures should be implemented including solar power installations. At least 40% of the energy requirement shall be met from the solar power
1.18	The Environment Management Cell (EMC) should include one subject expert in environment management. The proceedings of the monthly meeting of the EMC should be submitted along with the HYCR.
1.19	Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.
1.20	Rainwater harvesting measures should be provided as per the guidelines of the Central Groundwater Authority and geotagged photographs of the same shall be submitted along with first HYCR.
1.21	Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.
1.22	As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent should implement the Environment Management Plan (EMP)/CER as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, from the beginning of the project, indicating both physical and financial targets year wise. The EMP/CER shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support. The indicated cost for implementation of Corporate Environmental Responsibility (CER) shall be 2% of the total project cost.
1.23	In the wake of occurrence of large scale landslides in the state, as per the information provided by the Department of Mining & Geology, it is directed to use only NONEL (Non Electrical) technology for blasting to reduce the vibration of the ground, which is one of the causative factors that triggers landslides, formation of cracks in the surrounding buildings and disturbance to human and wildlife.
1.24	As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEF&CC, in obedience to the directions of the Hon'ble Supreme Court the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.
1.25	The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.

1. Statutory Compliance

S. No	EC Conditions
1.1	The Environmental clearance shall be subject to orders of Hon'ble Supreme Court of India, Hon'ble High Courts, NGT and any other Court of Law, from time to time, and as applicable to the project
1.2	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
1.3	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
1.4	The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report (in case of the presence of schedule-I species in the study area).
1.5	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee. A copy of the same shall be included with HYCRs.
1.6	The project proponent shall obtain the necessary permission from the Central Ground Water Authority, if the project intersects ground water table.
1.7	Solid/hazardous waste generated in the mines needs to be addressed in accordance to the Solid Waste Management Rules, 2016/Hazardous & Other Waste Management Rules, 2016.
1.8	Permission of power supply to be taken from the concerned authority for meeting power demand of the project site.
1.9	The maximum production or peak production at any given time shall not exceed the limit as prescribed in the approved mining plan/scheme of mining.
1.10	The Project Proponent shall submit air quality monitoring details along with the HYCRs.

2. Air Quality Monitoring And Mitigation Measure

S. No	EC Conditions
2.1	Major approach roads shall be black topped and properly maintained. The transportation of the material should be done in covered trucks to contain dust emissions.
2.2	Vehicular emissions shall be kept under control and regularly monitored. All the vehicles engaged in mining and allied activities shall operate only after obtaining 'PUC' certificate from the authorized pollution testing centres.

S. No	EC Conditions
2.3	Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution such as haul road, loading and unloading points and transfer points and having high levels of PM ₁₀ and PM _{2.5} . Monitoring of Ambient Air Quality to be carried out based on the Notification 2009, as amended from time to time by the Central Pollution Control Board
2.4	Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement at project site, parking area, on haul roads, loading and unloading and at transport points should be provided and properly maintained
2.5	PP should Install Wind breaker/shield arrangement along the boundary where there are houses within 100m radius.
2.6	Post environmental closure third party monitoring by reputed institution in air quality, water, land & soil etc shall be carried out and analysed with EMP measures at regular interval. A suitable recommendation in this regard, shall be furnished to IRO, MoEF&CC for compliance. The data used for analysis shall be obtained from continuous AQMS, site specific water regime. Also third party shall analyse the implementation of river diversion, meeting to the requirement of project report.

3. Water Quality Monitoring And Mitigation Measures

S. No	EC Conditions
3.1	The effluent discharge (mine waste water, workshop effluent) shall be monitored in terms of the parameters notified under the Water Act, 1974 Coal Industry Standards vide GSR 742 (E) dated 25th September, 2000 and as amended from time to time by the Central Pollution Control Board.
3.2	The monitoring data shall be uploaded on the company's website and displayed at the project site at a suitable location. The circular No.J-20012/1/2006-IA.11 (M) dated 27th May, 2009 issued by Ministry of Environment, Forest and Climate Change shall also be referred in this regard for its compliance.
3.3	Regular monitoring of ground water level and quality shall be carried out in and around the mine lease area by establishing a network of existing wells and constructing new piezometers during the mining operations. The monitoring of ground water levels shall be carried out four times a year i.e. pre-monsoon, monsoon, post-monsoon and winter. The ground water quality shall be monitored once a year, and the data thus collected shall be sent regularly to MOEFCC/RO.
3.4	Monitoring of water quality upstream and downstream of river including ponds, lakes, tanks shall be carried out once in six months and record of monitoring data shall be maintained and submitted to the Ministry of Environment, Forest and Climate Change/Regional Office.
3.5	Ground water, excluding mine water, shall not be used for mining operations. Rainwater harvesting shall be implemented for conservation and augmentation of ground water resources.
3.6	The project proponent shall not alter major water channels around the site. Appropriate embankment shall be provided along the side of the river/nallah flowing near or adjacent to the mine. The embankment constructed along the river/nallah boundary shall be of suitable dimensions and critical patches shall be strengthened by stone pitching on the river front side, stabilized with

S. No	EC Conditions
	plantation so as to withstand the peak water pressure preventing any chance of mine inundation.
3.7	Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, mineral and OB dumps, to prevent run off of water and flow of sediments directly into the river and other water bodies. The water so collected should be utilized for watering the mine area, roads, and for green belt development etc. The drains shall be regularly desilted and maintained properly, particularly after monsoon
3.8	Garland drains and silt traps are to be provided in the slopes around the core area to channelize storm water. De-silting of Garland canal and silt traps have to be attended on a daily basis. A labour has to be specifically assigned for the purpose. The proponent shall ensure the quality of the discharging storm water as per the General Effluent Discharge Standards of CPCB
3.9	The water pumped out from the mine, after siltation, shall be utilized for industrial purpose viz. watering the mine area, roads, green belt development etc. The drains shall be regularly desilted particularly after monsoon and maintained properly
3.10	Adequate groundwater recharge measures shall be taken up for augmentation of ground water. The project authorities shall meet water requirement of nearby village(s) in case the village wells go dry due to dewatering of mine.
3.11	The surface drainage plan including surface water conservation plan for the area of influence affected by the said mining operations shall be prepared, considering the presence of any river/rivulet/pond/lake etc., with impact of mining activities on it, and implemented by the project proponent. The surface drainage plan and/or any diversion of natural water courses shall be as per the provisions of the approved Mining Plan/ EIA-EMP submitted to this Ministry and the same should be done with due approval of the concerned State/GoI Authority. The construction of embankment to prevent any danger against inrush of surface water into the mine should be as per the approved mining plan and as per the permission of DGMS.
3.12	Domestic water shall be providing to the residents/villages which are coming under the zone of influence of the project due to ground water extraction by installing a RO plant with proper supply line and Taps within 2 years
3.13	No obsolete technologies for sewage treatment shall be implemented. Construction of Sewage Treatment Plant with latest technology should be completed within 2 years and treated water shall be reused for plantation. CTE and CTO of STP shall be obtained as per the norms.

4. Noise And Vibration Monitoring And Prevention

S. No	EC Conditions
4.1	Adequate measures shall be taken for control of noise levels as per Noise Pollution Rules, 2016 in the work environment. Workers engaged in blasting and drilling operations, operation of HEMM, etc shall be provided with personal protective equipments (PPE) like ear plugs/muffs in conformity with the prescribed norms and guidelines in this regard. Adequate awareness programme for users to be conducted. Progress in usage of such accessories to be monitored.
4.2	The noise level survey shall be carried out as per the prescribed guidelines to assess noise exposure

S. No	EC Conditions
	of the workmen at vulnerable points in the mine premises, and report in this regard shall be submitted to the Ministry/RO on six-monthly basis.

5. Mining Plan

S. No	EC Conditions
5.1	Blasting should be done in a controlled manner using NONEL technique as specified by the regulations of Petroleum and explosive safety organization (GOI) or any other concerned authorized agency. A licensed person should supervise/ control the blasting operations
5.2	Mining shall be carried out under strict adherence to provisions of the Mines Act 1952 and subordinate legislations made there-under as applicable.
5.3	Mining shall be carried out as per the approved mining plan (including Mine Closure Plan).
5.4	Quarrying has to be carried out as per approved mining plan with the suggestions from SEAC incorporated and following KMMC rules 2015 and the Amendments thereby
5.5	The quarrying operation shall be restricted between 7 AM and 5PM
5.6	Maximum depth of mining shall be as per the mining plan and as per specific direction of SEAC after field inspection. The maximum depth of mining should not be deeper than the local ground water table. No mining operations should be carried out at places having a slope greater than 45°
5.7	The height of any bench shall not exceed five meters and breadth shall not be less than the height
5.8	The top soil, if any, shall be temporarily stored at earmarked place (s) and used for land reclamation and plantation. The over burden (OB) generated during the mining operations shall be stacked at earmarked dump site(s) only. The maximum height of the dumps shall not exceed 8m and width 20m and overall slope of the dumps shall be maintained at 45°. The OB dumps should be scientifically vegetated with suitable native species to prevent erosion and surface run off. At critical points, use of geo textile shall be undertaken for stabilization of the dump. Protective wall or gabions should be made around the dump to prevent erosion / flow of sediments during rains. The entire excavated area shall be backfilled
5.9	All the mining equipment used in Mining like backhoe loaders and excavators cause pollution and hence shall be serviced regularly & maintained for their efficient functioning and for reducing pollution. Disposal of spent oil from diesel engines should be as specified under relevant Rules/ Regulations

6. Land Recalvation

S. No	EC Conditions
6.1	Digital Survey of entire lease hold area/core zone using Satellite Remote Sensing survey shall be carried out at least once in three years for monitoring land use pattern and report in 1:50,000 scale or as notified by Ministry of Environment, Forest and Climate Change(MOEFCC) from time to

S. No	EC Conditions
	time shall be submitted to MOEFCC/Regional Office (RO).
6.2	Post-mining land be rendered usable for agricultural/forestry purposes and shall be handed over to the respective State Government, as specified in the Guidelines for Preparation of Mine Closure Plan, issued by the Ministry of Coal dated 27th August, 2009 and subsequent amendments.
6.3	Regular monitoring of subsidence movement on the surface over and around the working areas and its impact on natural drainage pattern, water bodies, vegetation, structure, roads and surroundings shall be continued till movement ceases completely. In case of observation of any high rate of subsidence beyond the limit prescribed, appropriate effective mitigation measures shall be taken to avoid loss of life and materials. Cracks should be effectively plugged in with ballast and clay soil/suitable material.
6.4	The proponent should plant seedlings at least 5 times of the loss of trees that has occurred while clearing the land for the project and follow planting measures as suggested by SEAC. Suitable avenue trees should be planted along the sides of the approach road and internal roads and open parking areas, if any. Preference should be given to endemic native and fruit bearing species. Planting in buffer areas should be taken up beforehand. Proper upkeep and maintenance of planted seedlings shall be ensured by the project proponent
6.5	The proponent should ensure that the vegetation in the buffer is retained, maintained and strengthened with additions of native broad leaved plants.
6.6	Thorough inspection of the mine lease area for any cracks developed at the surface due to mining activities below ground shall be carried out to prevent inrush of water in the mine.
6.7	Native tree species shall be selected and planted over areas of greenbelt and compensatory afforestation affected by subsidence.
6.8	Eco-restoration including the closure of mine as per the progressive closure plan and final closure plan shall be done at the cost of the project proponent. This eco-restoration should follow scientific standards available for restoration, full recovery of the original vegetation and improving the resilience of different ecosystems. Overburden materials should be managed within the site and used for reclamation of mined pit as per mine closure plan / specific conditions.
6.9	At least 10 percent out of the total excavated pit area should be retained as water storage areas and the remaining area should be reclaimed with stacked dumping and overburden and planted with suitable indigenous plant species, if no other specific condition on reclamation of pit is stipulated in the E.C. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining

7. Public Hearing And Human Health Issues

S. No	EC Conditions
7.1	Adequate illumination shall be ensured in all mine locations (as per DGMS standards) and monitored.
7.2	The project proponent shall undertake occupational health survey for initial and periodical medical

S. No	EC Conditions
	examination of the personnel engaged in the project and maintain records accordingly as per the provisions of the Mines Rules, 1955 and DGMS circulars. Besides regular periodic health check-up, 20% of the personnel identified from workforce engaged in active mining operations shall be subjected to health check-up for occupational diseases and hearing impairment, if any, as amended time to time.
7.3	The proponent has to provide insurance protection to the workers in the case of existing mining or provide the affidavit in case of fresh lease before execution of mining lease
7.4	Skill training as per safety norms specified by DGMS shall be provided to all workmen including the outsourcing employees to ensure high safety standards in mines.
7.5	Effective arrangement shall be made to provide and maintain at suitable points conveniently situated, a sufficient supply of drinking water for all the persons employed.
7.6	Implementation of the time bound action plan on the issues raised during the public hearing shall be ensured. The project proponent shall undertake all the tasks/measures as per the time bound action plan submitted with budgetary provisions during the public hearing. Land oustees shall be compensated as per the norms laid down in the R&R policy of the company/State Government/Central Government, as applicable.
7.7	The project proponent shall follow the mitigation measures provided in this Ministry's OM No.Z-11013/5712014-IA.II (M) dated 29th October, 2014, titled 'Impact of mining activities on habitations-issues related to the mining projects wherein habitations and villages are the part of mine lease areas or habitations and villages are surrounded by the mine lease area'.

8. Corporate Environment Responsibility

S. No	EC Conditions
8.1	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/violation of the environmental/forest/wildlife norms/conditions and/or shareholders/stake holders.
8.2	Corporate Environmental Responsibilities (CER) as prescribed by SEIAA/SEAC should be carried out leading to Environmental stability of the Project region. The activities carried out under CER should be a part of the half yearly compliance report. The certificates from the beneficiaries, if the CER part is completed should also be submitted to the State Environment Impact Assessment Authority (SEIAA) along with year wise expenditure
8.3	The Project Proponent shall implement the EMP and environmental conditions along with CER from the comments of activity. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.

S. No	EC Conditions
8.4	Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

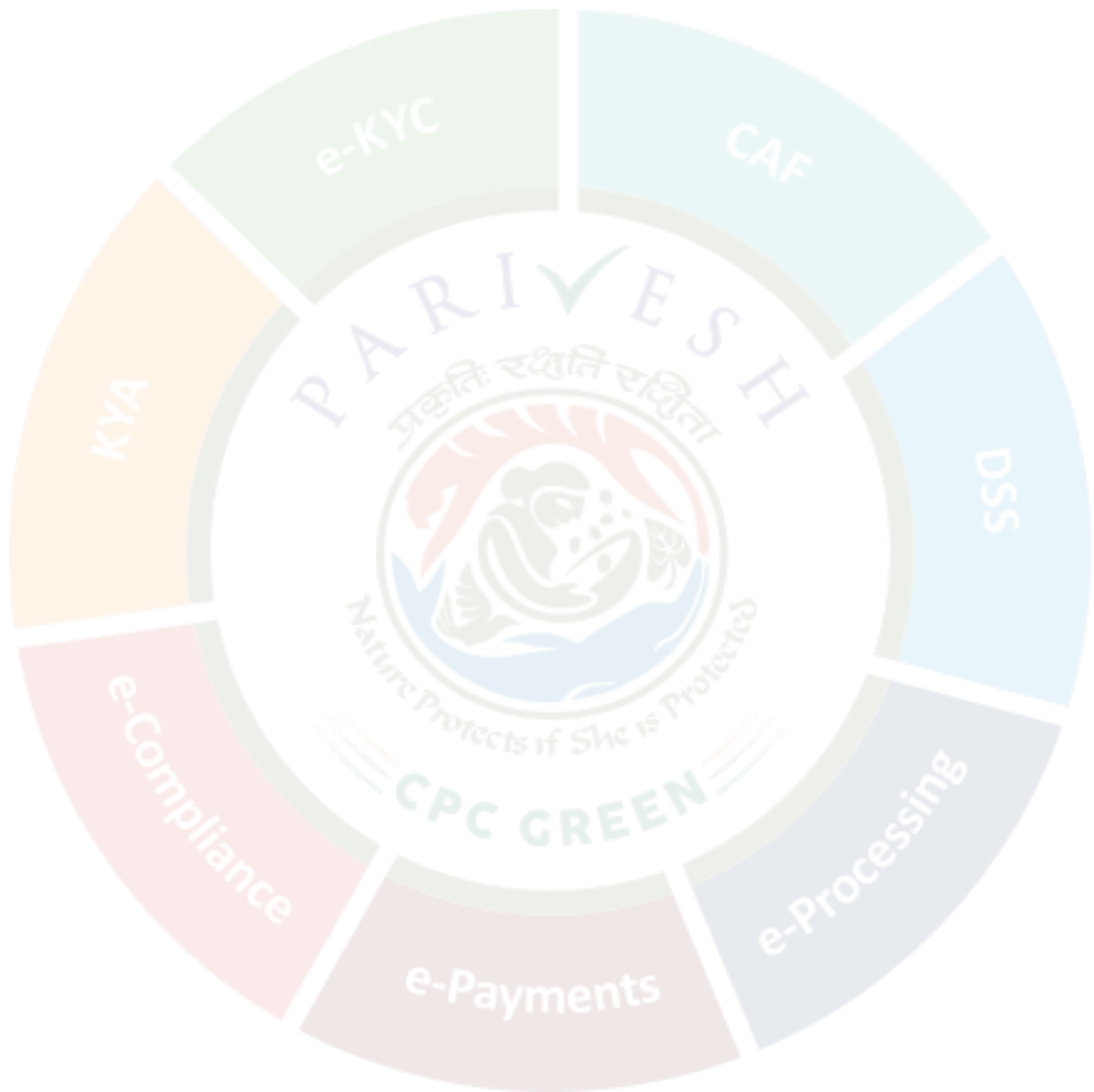
9. Miscellaneous

S. No	EC Conditions
9.1	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis. The HYCRs shall be submitted to IRO MoEF&CC , Bangalore & SEIAA, Kerala.
9.2	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
9.3	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
9.4	The project authorities shall inform to the Regional Office of the MOEFCC regarding commencement of activity.
9.5	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
9.6	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
9.7	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
9.8	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
9.9	The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
9.10	The SEIAA reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
9.11	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
9.12	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and

S. No	EC Conditions
	Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
9.13	The proponent shall abide by all the commitments and recommendations made in the EIA/EMP report and also that during presentation to the EAC. All the commitments made on the issues raised during public hearing shall also be implemented in letter and spirit.
9.14	A minimum buffer distance specified as per existing rules and statutory orders shall be maintained from the boundary of the quarry to the nearest dwelling unit or other structures, and from forest boundaries or any other ecologically_sensitive and archeologically_important areas or the specific distance specified by SEIAA in EC as per the recommendations of SEAC depending on specific local conditions.
9.15	Persons of nearby villages shall be given training on livelihood and skill development to make them employable with its proper records.
9.16	The illumination and sound at night at project sites disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations. Habitations have a right for darkness and minimal noise levels at night. PPs must ensure that the biological clock of the villages is not disturbed; by orienting the floodlights/ masks away from the villagers and keeping the noise levels well within the prescribed limits for day light/night hours
9.17	The proponent should provide notarized affidavit (indicating the number and date of Environmental Clearance proceedings) that all the conditions stipulated in the EC shall be scrupulously followed.
9.18	All the statutory clearances should be obtained, as applicable, by the project proponent from the respective competent authorities including that for blasting and storage of explosives. Copies of all statutory clearances shall be submitted along with First Half Yearly Compliance Report
9.19	The project proponent should advertise in news papers that the project has been accorded Environmental Clearance and copies of clearance letters are available in the Office of State Environment Impact Assessment Authority (SEIAA) and on the website of the Authority at www.seiaakerala.in . The advertisement should be in at least two local newspapers widely circulated in the region, one of which shall be in the vernacular language. The advertisement should be made within 10 days from the date of receipt of the Environmental Clearance letter and a copy of the same signed in all pages should be forwarded to the office of this Authority as confirmation
9.20	The proponent shall send a copy of the EC to concerned Grama Panchayat/ District Panchayat/ Municipality/Corporation/Urban Local Body and also to the Local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The Environmental Clearance shall also be uploaded on the website of the company
9.21	The lease area shall be fenced with barbed wire to a minimum height of 4ft around, before starting mining. All the boundary indicators (boards, markings, etc) shall be conspicuous and maintained at all times
9.22	The details of Environmental Clearance should be prominently displayed in a metallic board of 3 ft x 3 ft with green background and yellow letters of Times New Roman font size of not less than 40.

S. No	EC Conditions
	Sign board with extent of lease area and boundaries shall be depicted at the entrance of the quarry, visible to the public
9.23	Explosives should be stored in magazines in isolated place specified and approved by the Explosives Department. Mats to reduce fly rock blasts to a maximum of 10 PPV should be provided
9.24	Warning alarms indicating the time of blasting (to be done at specific timings) has to be arranged stipulated by Explosive Department
9.25	Periodical monitoring of the vibration at specified location (preferably at a distance of 50 m and 100 m) to be conducted and records kept for inspection. This could also form a part of the compliance reports
9.26	Speed of trucks entering or leaving the mine site is to be limited to moderate speed of 25 kmph to prevent undue noise from empty trucks
9.27	Acoustic enclosures should be provided to reduce sound amplifications in addition to the provisions of green belt and hollow brick envelop for crushers so that the noise level is kept within prescribed standard limit indicated by CPCB/KSPCB
9.28	Measures should be taken for maintaining noise levels below 85 dBA in the work environment
9.29	In the case of any change(s) in the scope of the project, extent, quantity, process of mining technology involved or in any way affecting the environmental parameters/impacts as assessed, based on which the E.C was issued, the project would require a fresh appraisal by this Authority, for which the proponent shall apply and get the approval of this Authority. In the case of transfer of ECs, the matter shall be intimated and get the approval from the Authority as per the existing norms
9.30	The pits in the abandoned quarries and in the mined area shall be used for activities like water harvesting, aqua culture etc. in an eco friendly manner.
9.31	If Government land is partly or fully used for mining, the area shall be returned at the end of lease period after mine closure with separate demarcation with suitable survey marks.
9.32	Any accident occurring in the mined out area after the lease period due to negligence in carrying out safety measures and non-closure , will lead to suspension of all EC obtained for mining by the Proponent.
9.33	In case of transfer of EC the matter shall be intimated and approval from the Authority shall be obtained as per the existing norms.
9.34	The EC given will be withdrawn at any time if the area is declared high hazardous by the SDMA.
9.35	The Environmental Clearance will be subject to the final order of the courts on any pending litigation related to the land or project, in any court of law.
9.36	Any appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

S. No	EC Conditions
9.37	As per regulation no. 106(2) of metalliferous mines regulation under Mine act, the height of any bench shall not exceed six meters and breadth shall not be less than the height.



I. PROJECT DETAILS

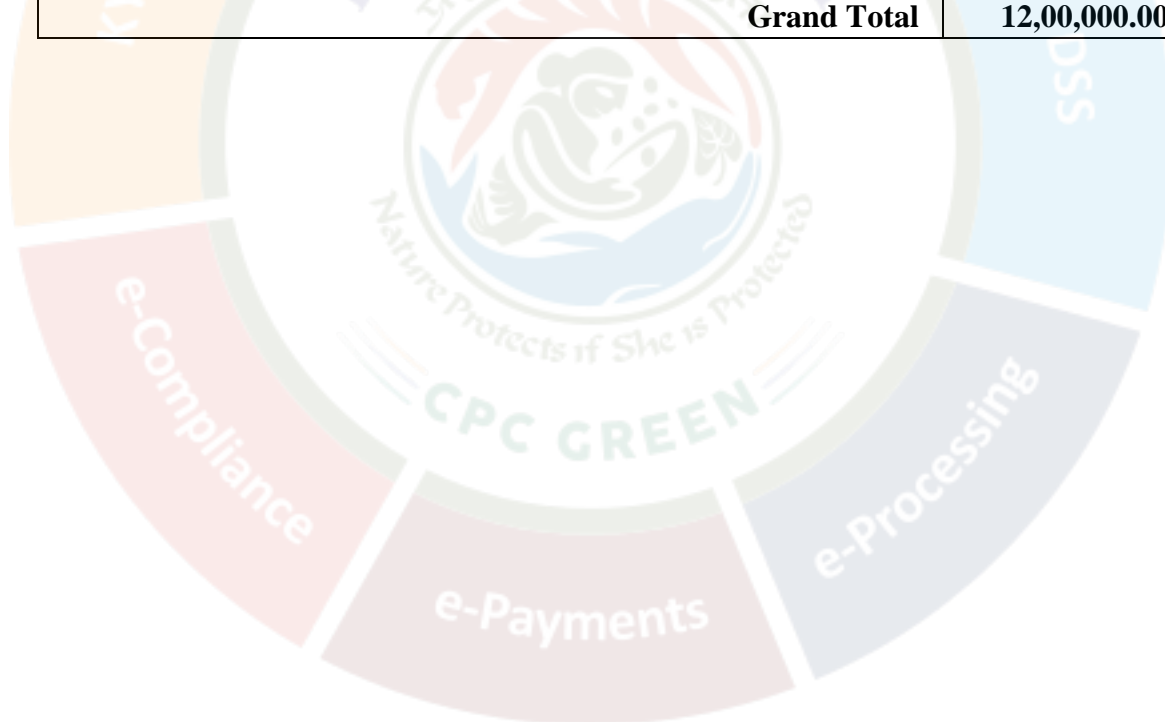
Sl. No.	Particulars	Details
1.	Name & Address of the Project Proponent	Sri. Jismon A. B., Ambarappillil House, Muvattupuzha (P.O), Ernakulam - 686 661
2.	Block No.	--
3.	Re- Sy No.	185/1 & 185/1-1
4.	Village	Vellilappilly
5.	Taluk	Meenachil
6.	District	Kottayam
7.	Location	9.808681° ; 76.634038°
8.	Extent (in Hectare)	0.8300
9.	Project Cost	1.20 Crore
10.	Mineable Reserve	The Mining & Geology Department shall re-assess the mineable quantity by <i>limiting the depth of mining at 70m AMSL to prevent intersection with ground water table</i>
11.	Validity of EC	2 (Two) years, from the date of issuance of mine permit, from the Mining and Geology Department

II. EMP Details

Sl. No.	Activities	Capital Cost	Recurring Cost
1.	Environmental Monitoring (Core and Buffer Zone)	3,00,000.00	50,000.00
2.	Air Pollution Control (Dust collector, Water sprinklers, Polythene sheets)	3,00,000.00	50,000.00
3.	Water Pollution Control		0
	Garland Drains, Water storage Tank, RWHP, Waste Tank, Check Dams, Silt traps	8,00,000.00	50,000.00
	Drainage to nearest Seasonal Stream	3,00,000.00	0
	Culvert near the Entrance of the Quarry (7m wide, 5m length)	5,00,000.00	0
	Seasonal Cleaning of Garland Drain & Siltation Tank		50,000.00
4.	Green Belt Development including cost of afforestation (800 saplings)	2,50,000.00	35,000.00
5.	Solid waste management & Domestic effluent management	4,00,000.00	50,000.00
5.	Reclamation /Rehabilitation of Mined out Area (0.168 Ha)	2,00,000.00	50,000.00
6.	Waste Oil Management	10,000.00	25,000.00
Total		30,60,000.00	360,000.00

III. CER Details

Year	Activities	Cost
I	Provision of Water purifier - Dispenser for the Govt. LP School, Ramapuram with all necessary fittings (2Nos)	1,10,000.00
	Solar LED Street Light (60 W- Water Proof – auto) with all necessary fittings, transportation & erection in Ramapuram – Aimcombu Road (10Nos)	4,00,000.00
II	Provision of Water purifier & Dispenser for the Primary Health Centre, Ramapuram with all necessary fittings (2Nos)	1,10,000.00
	Provision of Solar Water Heater for the Primary Health Centre with all necessary fittings, transportation etc. (3Nos)	1,80,000.00
	Solar LED Hi-Mast Street Lights (8m-2Kw), Transportation, Installation, Labour and Maintenance. (2Nos) at Ramapuram Jn and Aimcombu Jn	4,00,000.00
Grand Total		12,00,000.00



Annexure 02
Quarrying Permit

FORM M
(See sub-rule (2) of Rule 9)
(For all type of quarrying permits)
GOVERNMENT OF KERALA

DEPARTMENT OF MINING & GEOLOGY DISTRICT OFFICE, KOTTAYAM

QUARRYING PERMIT FOR EXTRACTION OF GRANITE (BUILDING STONE) GRANTED
UNDER RULES 3(1), 9 AND 10 OF THE KERALA MINOR MINERAL CONCESSION
(AMENDMENT) RULES, 2015

Dated : 23-04-2025

No.05/2025-26/GBS/QP/DOKOT-DMG/441/2023-M

Shri. Jismon A B, Ambarappillil House, Kuzhimattom Kadavu Road, Muvattupuzha P.O, Ernakulam District, Kerala, PIN-686 661 is hereby permitted to extract and remove Granite (Building Stone) from an area of 0.8300 Ha in Re. Survey Nos. 185/1 & 185/1-1 of Block No.23 of Vellilappilly Village of Meenachil Taluk of Kottayam District, Kerala State under rule 3(1) and 9 of the Kerala Minor Mineral Concession Rules, 2015 subject to the conditions mentioned in rule 10.

Quantity of extraction of mineral permitted : **1,20,375 MT**

Number of mineral transit passes to be issued : E-pass will be issued in Kompass portal

Name and address of the owner of the land : Sri.Tomy Mathew,Edakkara Cheenkallel (H) ,Marangadu Kottayam District

Under mineral concession/particulars of consent/ NOC received from the occupier of the land (if applicable) : (Registered agreement with the land owner submitted)

Date of expiry of permit : **22/04/2027**

Details of fee remitted:

Item	Chalan No. & Date	Amount	Name of Treasury
Application fee	KL030341468202223E dt.13-03-2023	₹ 1000.00	E chalan
Royalty	KGRN KL003191756202526M dt.21-04-2025	₹ 57,78,000.00	DT. Kottayam
Surface Rent	KL003471814202526E dt.22-04-2025	₹ 500.00	E chalan
Income Tax	No.02761 BSR code-0240020 dt. 22-04-2025	₹ 1,15,560.00	E chalan
DMF	No.1362 dt.23-04-2025	₹ 5,77,800.00	DT. Kottayam



Signed by
Signature & Address of the issuing authority
Gita S R

Date: 23-04-2025 15:33:54

To

**Jismon A B ,Ambarappillil House, Kuzhimattom Kadavu Road
Muvattupuzha P O, Ernakulam, PIN -686661**

Copy to :

1. The District Collector, Kottayam (with C/L)
2. Sri. Tomy Mathew ,Edakkara Cheenkallel House ,Marangadu, Kottayam

Annexure 03
Explosive License

अनुज्ञापि प्ररूप एल. ई.-3 | LICENCE FORM LE-3

(विस्फोटक नियम, 2008 की अनुसूची 4 के भाग 1 के अनुच्छेद 3(क) से (घ) देखिए।)
(See article 3(a) to (d) of Part 1 of Schedule IV of Explosives Rules, 2008)

(ग) उपयोग के लिए एक समय पर वर्ग 1, 2, 3, 4, 5 या वर्ग 7 के विस्फोटक या किसी मैगजीन में वर्ग 6 के विस्फोटक रखने के लिए अनुज्ञापि
Licence to possess : (c) for use, explosives of class 1, 2, 3, 4, 5, 6 or 7 in a magazine

अनुज्ञापि सं. (Licence No.) : E/SE/KL/22/475(E155930)

वार्षिक फीस रुपए (Annual Fee Rs): 2400/-

1. Licence is hereby granted to

SHRI JISMON A.B (अधिभोगी / Occupier : JISMON AB), Ambarappillil House, Muvattupuzha P.O, Town/Village - Muvattupuzha,
District-ERNAKULAM, State-Kerala, Pincode - 686661



को अनुज्ञापि अनुदत्त की जाती है।

2. अनुज्ञापिधारी की प्रास्थिति | Status of licensee : **Individual**

3. अनुज्ञापि निम्नलिखित प्रयोजनों के लिए विधिमान्य है। : possess for use of **Nitrate Mixture, Safety Fuse, Detonators**, - के
Licence is valid only for the following purpose. : उपयोग के लिए

4. अनुज्ञापि विस्फोटकों के निम्नलिखित किस्मों, प्रकार और मात्रा के लिए विधिमान्य है।

Licence is valid for the following kinds and quantity of explosives: -- (क) (a)

क्र	नाम और विवरण	वर्ग और प्रभाग	उप-प्रभाग	मात्रा किसी एक समय में
Sr. No.	Name and Description	Class & Division	Sub-division	Quantity at any one time
1.	Nitrate Mixture	2, 0	0	150 Kg.
2.	Safety Fuse	6, 1	0	550 Mtrs
3.	Detonators	6, 3	0	5000 Nos.

(ख) किसी एक कलेंडर मास में खरीदे जाने वाले विस्फोटक की मात्रा [अनुच्छेद 3(ख) और (ग) के अधीन अनुज्ञापि के लिए]

(b) Quantity of explosives to be purchased in a calendar month [applicable for licence under article 3(b) and (c)] :

3 times
as above.

5. निम्नलिखित रेखाचित्र (रेखाचित्रों) से अनुज्ञापि परिसर की पुष्टि होती है।

The licensed premises shall conform to the following drawing(s) :

रेखाचित्र क्र. (Drawing No.) E/SE/KL/22/475(E155930)

दिनांक (Dated) 01/04/2025

6. अनुज्ञापि परिसर निम्नलिखित पते पर स्थित हैं। The licensed premises are situated at following address:

Survey No. 185/1, Block 23, ग्राम (Town/Village) : VELLILAPPILLY MEENACHIL TALUK

पुलिस थाना (Police Station) : RAMAPURAM

जिला (District) KOTTAYAM राज्य (State) Kerala पिनकोड (Pincode) 686576

दूरभाष (Phone) ई. मेल (E-Mail) फैक्स (Fax)

7. अनुज्ञापि परिसर में निम्नलिखित सुविधाएं अंतर्विष्ट हैं।

The licensed premises consist of following facilities.

A set of portable magazine of Type H(S.No.132) and D Type (S. NO. 1029) fabricated by
M/s Thekkans Engg & fabrication Works.

8. अनुज्ञापि समय - समय पर यथासंशोधित विस्फोटक अधिनियम, 1884 और उनके अधीन विरचित विस्फोटक नियम, 2004 के उपबंधों, शर्तों और अतिरिक्त शर्तों और निम्नलिखित उपाबंधों के अधीन रहते हुए अनुदत्त की जाती है।

The licence is granted subject to the provision of Explosives Act 1884 as amended from time to time and the Explosives Rules, 2008 framed there under and the conditions, additional conditions and the following Annexures.

1. उपर्युक्त क्रम सं. 5 में यथा कथित रेखाचित्र (स्थान, सन्निर्माण संबंधी और अन्य विवरण दर्शित करते हुए)।

Drawings (showing site, constructional and other details) as stated in serial No. 5 above.

2. अनुज्ञापि प्राधिकारी द्वारा हस्ताक्षरित इस अनुज्ञापि की शर्तों और अतिरिक्त शर्तों।

Conditions and Additional Conditions of this licence signed by the licensing authority.

3. दूरी प्ररूप DE-2 | Distance Form DE-2.

9. यह अनुज्ञापि तारीख 31 मार्च 2030 तक विधिमान्य रहेगी। This licence shall remain valid till 31st day of March 2030.

यह अनुज्ञापि, अधिनियम या उसके अधीन विरचित नियमों या अनुसूची V के भाग 4 के प्रति निर्दिष्ट सेट-VII के अधीन तथा उपवर्णित इस अनुज्ञापि की शर्तों का अधिक्रमण करने या यदि अनुज्ञापि परिसर योजना या उससे संलग्न उपबंध में दर्शित विवरण के अनुरूप नहीं पाए जाने पर निलंबित या प्रतिसंहत की जा सकती है, जहां वह लागू हो।

This licence is liable to be suspended or revoked for any violation of the Act or Rules framed there under or the conditions of this licence as set forth under Set VIII, wherever applicable, referred to in Part 4 of Schedule V or if the licensed premises are not found conforming to the description shown in the plans and Annexure attached hereto.

तारीख | The Date - 01/04/2025

उप मुख्य विस्फोटक नियंत्रक | Dy. Chief Controller of Explosives
Ernakulam

नवीनीकरण के पृष्ठांकन के लिए स्थान
Space for Endorsement of Renewal

नवीकरण की तारीख
Date of Renewal

समाप्ति की तारीख
Date of Expiry

अनुज्ञापन प्राधिकारी के हस्ताक्षर और स्टाम्प
Signature of licensing authority and stamp

कानूनी चेतावनी : विस्फोटकों को गलत ढंग से चलाने या उनका दुरुपयोग विधि के अधीन गंभीर दांडिक अपराध होगा।
Statutory Warning : Mishandling and misuse of explosives shall constitute serious criminal offence under the law.

Note :- This is system generated document does not require physical signature. Applicant may take printout for their records.

ANNEXURE 04
D&O License from LSGD



Ramapuram Grama Panchayat

Kerala Panchayat Raj Act, 1994 (13 of 1994) Sections 232, 233, 234 and 254

according to the same subsequent regulations

PROVIDING SERVICES LIKE FACTORIES, TRADES, ENTREPRENEURSHIP ACTIVITIES AND OTHERS
LICENCE

No : 987

Date : 28.03.2025

Name and Address of Licencee	Jismon A B ,Ambarapilliyil,Muvattupuzha po ,Eranakulam	
Name of the institution and place	JS Rocks ,Marangad, Ramapuram	
Licensed activities	Quarry -Granite(Building Stone)	
Building No. and Ward No	Ward 6,Re Survey no 185/1,185/1-1, Vellilappilly Village	
Licence Period	From 01-04-2025 to 31-03-2026	
Licence fee charged	₹10000	Receipt No: 1240106507 Date: 27-03-2025
Profession Tax (Institutions)	₹1250 + ₹1250	Receipt No: 1240106507 Date: 27-03-2025
Details of Non- Objection Letters submitted for grant of licence (Number, Date, Period, Authority Issued).	Pollution Control Board consent up to 31/7/2026,explosive license up to 31/3/2030,Deed,Lease agreement,Survey map,Mining & Geology letter of intent,Environmental Clearance	

Secretary
Ramapuram Grama Panchayat

Document certified by N PRIYADARSINI
n.priyadarsini@sreekanth@gmail.com

Digitally signed by N PRIYADARSINI
Date: 2025.03.28 17:30:45 IST
Reason: ILGMS Govt. of Kerala

ANNEXURE 5
Consent from KSPCB

FILE NO : KSPCB/KT/ICO/10080031/2024

Date of issue : 09-09-2024



KERALA STATE POLLUTION CONTROL BOARD

CONSENT TO

OPERATE/AUTHORISATION/REGISTRATION

ISSUED UNDER

The Water (Prevention & Control of Pollution) Act, 1974

The Air (Prevention & Control of Pollution) Act, 1981

and

The Environment (Protection) Act, 1986

As per Application No. : 10080031

Dated : 09-09-2024

To

**GRANITE BUILDING STONE QUARRY PROJECT OF SRI. JISMON A. B
RAMAPURAM P.O,KOTTAYAM-686576**

Consent No. : KSPCB/KT/ICO/10080031/2024

Valid Upto : 31-07-2026

1. GENERAL

1.1. This integrated consent is granted subject to the power of the Board to withdraw consent, review and make variation in or revoke all or any of the conditions as the Board deems fit

1	VALIDITY	31-07-2026
2	Name and Address of the establishment	GRANITE BUILDING STONE QUARRY PROJECT OF SRI. JISMON A. B RAMAPURAM P.O,KOTTAYAM-686576 E-Mail : jismonapb@gmail.com Contact Number : 9447030586
3	Occupier Details	JISMON A B AMBARAPPILLIL HOUSE,HOSTEL JUNCTION,MUVATTUPUZHA-686661 E-Mail : aswanthajith143@gmail.com Contact Number :
4	Local Body	RAMAPURAM
5	Survey Number	185/1,185/1-1
6	Village	Vellilappally
7	Taluk	Meenachil
8	District	KOTTAYAM
9	Capital Investment(Rs in Lakhs)	120.0
10	Scale	Small
11	Category	RED
12	Annual fee(Rs)	25000.0
	Total Fee remitted(Rs)	50000.0
13	Activity	Granite Building Stone Quarry Project, for an area of 0.8300 Ha at Re-Sy Nos. 185/1 & 185/1-1 in Vellilappilly Village, Meenachil Taluk, Kottayam
14	Machinery details	Excavator with bucket-100 HP (1 Nos) and Tipper-2 Nos

2. Conditions as per the Water (Prevention and Control of Pollution) Act, 1974

2.1 There shall not be any discharge of trade effluent from the unit. Water shall be used for suppression of dust.

2.2 Water Consumption : 2000 LPD

2.3 Sewage Generation: 1600 LPD

2.4 Sewage/waste water with only organic contaminant if any, generated in the unit, shall be discharged through scientifically designed septic tank and soak pit system as per the following IS code.

i. Septic tank as per IS 2470 (Part 1):1985.

ii. Soak pit with sealed bottom, honey comb side wall of 65 cm thick 2 mm sand all around.

Mode of disposal of treated effluent: Soak pit

2.5 Soak pit shall be at least 10 m away from the water intake well/nearby drinking water wells.

3. Conditions as per the Air (Prevention and Control of Pollution) Act, 1981

3.1 Adequate air pollution control measures shall be provided before commissioning of the industry. Additional facilities required, if any, to achieve the standards laid down by the Board shall also be made along with.

3.2 The D. G. sets shall be provided with a minimum chimney height $0.2\sqrt{\text{KVA}}$ meters above roof level of the highest nearby building (Where KVA is the capacities of all DG sets). The D. G. sets shall be placed at a minimum distance of $\sqrt{\text{KVA}/2}$ meters from the neighboring residences/worship places/institutions (where KVA is the capacity of DG sets).

3.3 Emission characteristics shall not exceed ambient air quality specified by national air quality standard.

3.4 All operations likely to produce dust or noise shall be carried out within sufficiently closed and insulated area.

3.5 The PM₁₀ in ambient air at the boundary shall not exceed 100 microgram/m³.

3.6 The PM_{2.5} in ambient air at the boundary shall not exceed 60 microgram/m³.

3.7 There shall not be any fugitive emission from the premises.

4. Conditions as per the Environment (Protection) Act, 1986.

4.1 The construction activities shall be carried out strictly in compliance with the provisions of the Noise Pollution (Regulation and Control) Rules 2000. The sound level measured 1m outside the boundary of the unit shall not exceed the National ambient noise standards applicable to adjoining area.

4.2 Used lead acid batteries, if any, shall be disposed of as per the Batteries (Management and Handling)

Rules, 2001

4.3 Hazardous waste generated, if any, shall be handled as per the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.

4.4 E-waste, if any, shall be disposed of safely as per the E-Waste (Management) Rules, 2016.

4.5 Proper Solid waste management system shall be provided in the unit. Arrangements for collection, segregation, storage, handling and disposal of solid waste including garbage shall be provided as per SWM Rules 2016 and the facility shall be maintained properly.

4.6 Plastic waste generated in the unit, if any, shall be disposed by plastic waste management rules, 2021. Single use plastic and other banned plastic items shall not be used in the unit.

5. GENERAL AND SPECIFIC CONDITIONS

5.1 This consent is granted based on the the Environmental Clearance Certificate (EC Identification no. **EC24C0108KL5484220N**) obtained by the unit and the particulars in the application, affidavit and other documents filed by the occupier and is issued subject to the power of the Board to review and make variation in or revoke the conditions as the Board deems fit.

5.2 The Validity of this consent is subject to subsequent Government orders & direction/judgment of Honorable Supreme Court of India, the High Court of Kerala, and the National Green Tribunal.

5.3 No change, deviation or alteration that may affect the environment, extent and location of quarry shall made. The location of the unit shall be as per the approved drawing attached. No change or alteration of the unit is to be made without the prior written permission of the Board. Any change in the particulars furnished and/or in the identity of the occupier/authorized agent is to be intimated to the Board forthwith.

5.4 Any change in particulars furnished in the application/the identity of the occupier/ authorized agent is to be intimated to the Board forthwith.

5.5 There shall be a minimum distance of 50m from boundary of quarry operating area to residential building, place of worship, public buildings, public road having vehicular traffic, river or lake, railway line, bridges etc.

5.6 Quarrying shall be done only within the area marked in the location plan.

5.7 Quarrying area shall be earmarked before commencement of quarrying activities.

5.8 The applicant shall put up sign boards near the main entrance of the plant to display consent number & validity.

5.9 After completion of excavation at any site, the abandoned quarry shall be utilized for rain water harvesting with protective barriers/ any other suitable approved purpose or may be reclaimed as per specification.

5.10 Proper fencing/barriers shall be provided and maintained all around the abandoned deep quarry pits to avoid accidents.

5.11 Quarrying operations shall not be done during night time (6pm – 6am).

5.12 Blasting shall be done at specified time with prior signals to avoid accidents.

5.13 The PM10 in ambient air at the boundary shall not exceed 100 micro gram/cubic meter. The PM2.5 in ambient air at the boundary shall not exceed 60 microgram per cubic meter.

5.14 The Sound level (Leq) at 1m outside the boundary of the site and near residential locations should not exceed the ambient noise standard applicable to the adjoining areas.

5.15 “The consent issued from the Board will be valid only for a period when all other statutory or necessary clearances from other concerned authorities are valid. The consent issued from the Board is only with respect to the powers vested under the Water Act, 1974, Air Act 1981 and Rules there under. The operation of the unit shall be commenced only after obtaining clearances from all concerned authorities”. For continuation of mining after this date application has to be submitted to the Board online, one month before the expiry of this consent after the appraisal by SEIAA is completed.

5.16 No other machinery other than that in 1.14 shall be operated without prior Consent of the Board.

5.17 Quarrying operations shall be started only after obtaining Mining permit/lease from Mining & Geology Department and D & O License under the Kerala Panchayat Raj Act from the concerned Local Self Government. **Quarrying shall be done only as per the approved Mining Plan only.**

5.18 The applicant shall submit copies of all relevant permits/lease/certificate/licenses periodically to this office to ensure the validity of this consent.

5.19 Adequate safety measures shall be provided in accordance with the fire safety regulations.

5.20 This consent is issued based on the judgement dated 25/10/2021 of the Hon’ble Supreme Court in CA No.6273/2021 and connected matters, order dated 14/12/2021 of the Hon’ble Supreme Court in MA No. 1904/2021, judgement dated 10/11/2021 of the Hon’ble High Court of Kerala in WP(C) 2773/2021 and judgement dated 10/12/2021 of the Hon’ble High Court of Kerala in WPC 27178/2021

5.21 This consent is issued subject to any order that may be passes by the Hon’ble Supreme Court or the Hon’ble NGT in the connected matters

Signature valid

Digitally signed by  BY VARGHESE
Date: 2024.09.09 17:10:31 IST

SIGNATURE OF ISSUING AUTHORITY

SENIOR ENVIRONMENTAL ENGINEER



To

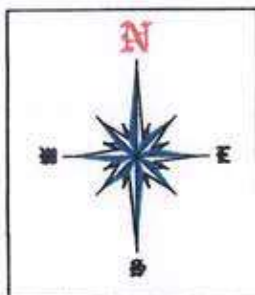
M/s GRANITE BUILDING STONE QUARRY PROJECT OF SRI. JISMON A. B
RAMAPURAM P.O,KOTTAYAM-686576

E-Mail : jismonapb@gmail.com

Contact Number : 9447030586

- 1.This digitally signed document is legally valid as per the Information Technology Act 2000
2. For verifying this document please go to www.keralapcbonline.com and search using Certificate Number/name of the unit/Application Number in “Certificate Verification” link in the home page of the Board’s Phoenix website.

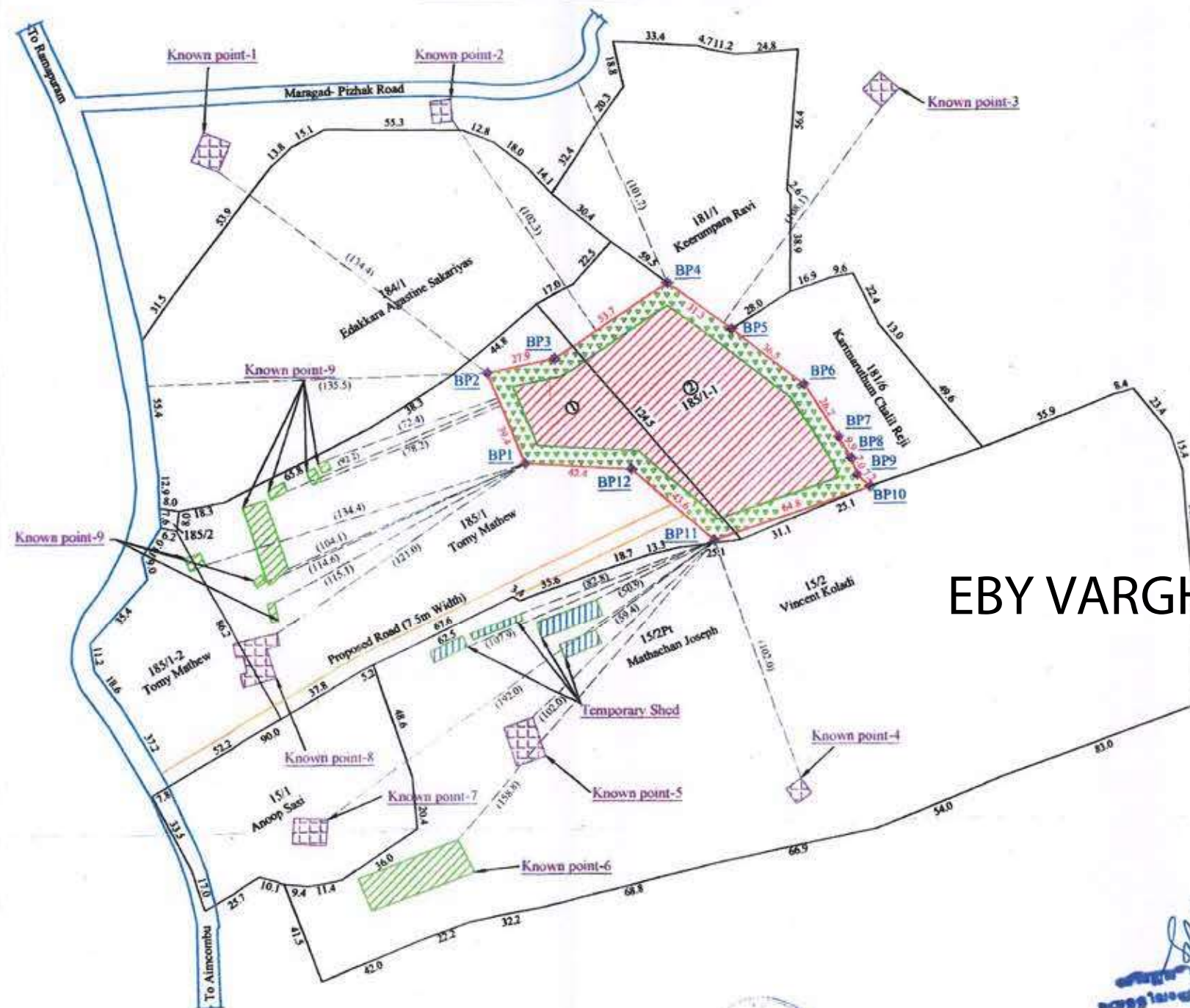
FILE NO : G4/2023



BOUNDARY CO-ORDINATES

BP.NO	LATITUDE	LONGITUDE
1	09° 47' 11.59"N	76° 40' 56.72"E
2	09° 47' 12.69"N	76° 40' 56.00"E
3	09° 47' 13.00"N	76° 40' 56.86"E
4	09° 47' 14.14"N	76° 40' 58.20"E
5	09° 47' 13.65"N	76° 40' 59.11"E
6	09° 47' 13.00"N	76° 41' 00.11"E
7	09° 47' 12.40"N	76° 41' 00.74"E
8	09° 47' 12.17"N	76° 41' 00.96"E
9	09° 47' 11.95"N	76° 41' 01.05"E
10	09° 47' 11.81"N	76° 41' 01.25"E
11	09° 47' 10.91"N	76° 40' 59.28"E
12	09° 47' 11.73"N	76° 40' 58.11"E

SURVEY MAP



DISTRICT : KOTTAYAM
TALUK : MEENACHIL
VILLAGE : VELLILAPPILLY
BLOCK NO : 23
RE-SY NO : 185/1 & 185/1-1
BUFFER ZONE : 0.2664 Ha
MINING AREA : 0.5636 Ha
APPLIED AREA : 0.8300 Ha

APPLICANT

Mr. JISMON A.B.,
AMBARAPPILLIL HOUSE,
MUVATTUPUZHA (PO),
ERNAKULAM DISTRICT,
KERALA STATE- 686 661.

EBY VARGHESE

Digitally signed by EBY
VARGHESE
Date: 2024.09.09 13:50:07
+05'30'



SUBMITTED BEFORE THE MINING AND GEOLOGY DEPARTMENT

DETAILS OF THE PROPERTY

SL NO	DOCUMENT NO	T.P NO	BLOCK NO	RE-SY.NO	POSESSION (Ha)	AREA OF LAND (Ha)				NAME OF OWNER
						PROPOSED AREA(Ha)				
						BUFFER ZONE	MINING AREA	APPLIED AREA	REMAINING AREA	
1	172/2001	2524	23	185/1	1.7551	0.1154	0.1379	0.2533	1.5018	TOMY MATHEW
2	56/2003	2524	23	185/1-1	0.7002	0.1510	0.4257	0.5767	0.1235	TOMY MATHEW
TOTAL					2.4553	0.2664	0.5636	0.8300	1.6253	

THIS MAP IS PREPARED BASED ON FMB

Sl No	Known Points
1	House of Sojan John (VI/268, Ramapuram Panchayath)
2	House of Rajan Sivaraman (VI/281, Ramapuram Panchayath)
3	House of Soman Kesavan (VI/270, Ramapuram Panchayath)
4	Rubber Shed of Vincent
5	House of Mathachan Joseph (X/400, Ramapuram Panchayath)
6	Shed
7	House of Mathew Mathai (X/400, Ramapuram Panchayath)
8	Own Building
9	Own Shed (11 nos)

SHEET : A2
SCALE : 1:15
ALL DIMENSIONS ARE IN METRE

Legend	
	Mining area
	Buffer zone
	Applied area
	Panchayath road
	Sub division line
	Building
	Shed
	Temporary Shed
	Pillar points (1 -12)
	Known point distance

ANNEXURE 6

Mines Manager Certificate

Cert No. SMU-E /3450



सत्यमेव जयते



ABDUL HAFEEZ



Mine Manager
Uti Gold Mines
Uti Gold Mines Co.
Jammu - 584

भारत सरकार / Government of India

खान अधिनियम, 1952 / The Mines Act, 1952

खनन परीक्षा बोर्ड / Board of Mining Examinations

द्वितीय श्रेणी प्रबंधक सक्षमता प्रमाण-पत्र

SECOND CLASS MANAGER'S CERTIFICATE OF COMPETENCY

(धात्विकीय खान विनियम, 1961 के अंतर्गत)

(Under the Metalliferous Mines Regulations, 1961)

श्री / कुमारी / श्रीमती

अब्दुल हफीज

सुपुत्र / सुपुत्री / पत्नी

हाजि मिया

जिनकी जन्म तिथि

03.12.1996

है, को विहित अर्हताएं एवं अनुभव प्राप्त करने का सन्तोषजनक

प्रमाण-पत्र प्रस्तुत करने पर एतद्वारा धात्विकीय खानों के प्रबंध हेतु द्वितीय श्रेणी प्रबंधक सक्षमता प्रमाण-पत्र

प्रदान किया जाता है। यह प्रमाण-पत्र दिनांक

01 सितम्बर 2022

से प्रभावी है।

Shri / Kumari / Smt.

Son / Daughter / Wife of

born on

03 DECEMBER 1996

having given satisfactory evidence of

possessing the prescribed qualifications and experience is hereby granted SECOND CLASS

MANAGER'S CERTIFICATE OF COMPETENCY to manage the Metalliferous Mines. This

certificate is effective from 01.09.2022

अमित कुमार

सचिव

खनन परीक्षा बोर्ड

Secretary

Board of Mining
Examinations

अध्यक्ष

खनन परीक्षा बोर्ड

Chairman

Board of Mining
Examinations

Signed and Sealed

Date 24.01.2023

ANNEXURE 7
EMC

2025 ഫെബ്രുവരി 28-ാം തീയതി ഉച്ചക്ക് 3 Pm ന് ചുവന്ന
താ.വി.വി.യിൽ വെച്ച് പ്രവർത്തന വിവരങ്ങൾ ചർച്ച ചെയ്യുന്നതിന്

പ്രവർത്തനം	ജി.വി.വി.യിൽ ചർച്ച	Jay
മുന്നോട്ടുവരുന്നവർ	ജി.വി.വി.യിൽ	Jay
പ്രവർത്തനം	വി.വി.വി.യിൽ	Jay
	ജി.വി.വി.യിൽ	Jay
	ജി.വി.വി.യിൽ	Jay
വൈസ് ചെയർമാൻ	ജി.വി.വി.യിൽ	Jay
സെക്രട്ടറി	ജി.വി.വി.യിൽ	Jay

1. ചുവന്ന പ്രവർത്തനങ്ങൾ കൂടിച്ച് തീരുമാനം

തീരുമാനങ്ങൾ

1. ചുവന്ന പ്രവർത്തനങ്ങൾ കൂടിച്ച് തീരുമാനം
നടപ്പാക്കിയതിന് ശേഷം ചുവന്ന മണ്ണ് നൽകിയിട്ടുണ്ട്.
2. മറ്റു മൂലം ചുവന്ന പ്രവർത്തനങ്ങൾ ഉണ്ടായതിന് ശേഷം
മുന്നോട്ടുവരുന്നവർ ശ്രദ്ധ കേന്ദ്രം വിധിയിൽ ഒരു വശത്തും
കൂടി ചർച്ച ചെയ്യേണ്ടതാണ്.
3. ചുവന്ന പ്രവർത്തനങ്ങൾ കൂടിച്ച് തീരുമാനം
നടപ്പാക്കിയതിന് ശേഷം ചുവന്ന മണ്ണ് നൽകിയിട്ടുണ്ട്.
4. കൂടിച്ച് തീരുമാനം ചെയ്ത വാ.വി.വി.യിൽ ചുവന്ന
നിന്ന് ഉണ്ടായതിന് ശേഷം കൂടിച്ച് തീരുമാനം ചെയ്ത വാ.വി.വി.യിൽ
ചർച്ച ചെയ്യേണ്ടതാണ്.

2025 ജൂൺ മാസം 30-ാം തീയതി ഉച്ചകഴിഞ്ഞ് 2 Pm ന്

പ്രസിഡൻ്റ് അതിഥി വെച്ച് ചേർന്നു വെർച്വൽ യോഗം

ചെയർമാൻ	ജി.എസ്.എസ്. എ.സി	ജി.എസ്.എസ്.
മുഖ്യ അംഗങ്ങൾ	ജി.എസ്. പി.സി	ജി.എസ്.എസ്.
സെക്രട്ടറി	സി.എസ്. പി.സി	ജി.എസ്.എസ്.
	ജി.എസ്. പി.സി	ജി.എസ്.എസ്.
	ജി.എസ്. പി.സി	ജി.എസ്.എസ്.

അദ്ധ്യക്ഷൻ . അദ്ധ്യക്ഷൻ

അദ്ധ്യക്ഷൻ

പ്രസിഡൻ്റ് മുഖ്യ അംഗങ്ങൾ ചേർന്നു ചർച്ച ചെയ്തു

തീരുമാനങ്ങൾ

- ① പ്രസിഡൻ്റ് പ്രസിഡൻ്റ് ചുമതലയ്ക്ക് അധികാരങ്ങൾ
പ്രസിഡൻ്റ് മുഖ്യ അംഗങ്ങൾ ചേർന്നു ചർച്ച ചെയ്തു
ചെയ്തവർ തീരുമാനം എടുത്തു.
- ② പ്രസിഡൻ്റ് നിരവധിയിൽ നിന്നും അധികാരങ്ങൾ
അദ്ധ്യക്ഷൻ മുഖ്യ അംഗങ്ങൾ നിരവധിയിൽ
തീരുമാനം എടുത്തു.
- ③ പ്രസിഡൻ്റ് ചുമതല നിരവധിയിൽ നിന്നും അധികാരങ്ങൾ
എടുത്തവർ ചേർന്നു ചർച്ച ചെയ്തു ചുമതല നിരവധിയിൽ
ചുമതല നിരവധിയിൽ നിന്നും അധികാരങ്ങൾ
- ④ പ്രസിഡൻ്റ് ചുമതല നിരവധിയിൽ നിന്നും അധികാരങ്ങൾ
നിരവധിയിൽ നിന്നും അധികാരങ്ങൾ നിരവധിയിൽ
ചുമതല നിരവധിയിൽ നിന്നും അധികാരങ്ങൾ

2025 ജൂലൈ മാസം 26-ാം തീയതി ചെങ്കുണ്ടി 2 PM ന്
 കൂടി കോ.വി.വി.യിൽ വെച്ച് പോലീസ് മിമിറ്റിൽ പങ്കെടുക്കാൻ

ചെയർമാൻ .	ജി.എസ്.എസ്. പി.സി	ജി.എസ്.എസ്.
ഡി.എസ്.എസ്.	ജി.എസ്.എസ്. പി.സി	ജി.എസ്.എസ്.
സെക്രട്ടറി	സി.എസ്.സി.സി	സി.എസ്.എസ്.
	ജെ.എസ്.സി.സി	ജെ.എസ്.എസ്.
	പോ.ജെ.സി.സി	പോ.ജെ.എസ്.
സെക്രട്ടറി മിമിറ്റിൽ	സെക്രട്ടറി മിമിറ്റിൽ	

പ്രമേയം

കൂടി കോ.വി.വി.യിൽ വെച്ച് പോലീസ് മിമിറ്റിൽ പങ്കെടുക്കാൻ

1. ചാൻസലർ നൽകുന്ന സർട്ടിഫിക്കറ്റ് വഴി വെച്ച് പോലീസ് മിമിറ്റിൽ പങ്കെടുക്കാൻ ചാൻസലർ നൽകുന്ന സർട്ടിഫിക്കറ്റ് വഴി വെച്ച് പോലീസ് മിമിറ്റിൽ പങ്കെടുക്കാൻ
2. കൂടി കോ.വി.വി.യിൽ വെച്ച് പോലീസ് മിമിറ്റിൽ പങ്കെടുക്കാൻ
3. ചാൻസലർ നൽകുന്ന സർട്ടിഫിക്കറ്റ് വഴി വെച്ച് പോലീസ് മിമിറ്റിൽ പങ്കെടുക്കാൻ
4. ചാൻസലർ നൽകുന്ന സർട്ടിഫിക്കറ്റ് വഴി വെച്ച് പോലീസ് മിമിറ്റിൽ പങ്കെടുക്കാൻ
5. ചാൻസലർ നൽകുന്ന സർട്ടിഫിക്കറ്റ് വഴി വെച്ച് പോലീസ് മിമിറ്റിൽ പങ്കെടുക്കാൻ

ANNEXURE 8
Drainage Water Quality Report

TEST REPORT

ULR No: TC1293925000019947F

LRI No.: SEAAL25081495A

Date: 22-08-2025

Page 1 of 2

CUSTOMER DETAILS

Customer Name & Address	Mr. Jismon A.B. Ambarappillil House Muvattupuzha P.O Ernakulam District.
Customer Reference	Test Request date: 20-08-2025

SAMPLE DETAILS

Product Category	Water	Sample Code	WT25080605
Sample Name	Water	Sample Received on	20-08-2025
Sample Description by Customer	Storm Water (Drainage Out)	Temperature @ Receipt	27°C
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	20-08-2025
Sample Quantity& Packing	2 L in a Plastic Bottle	Test Completed on	22-08-2025
Information Provided by Customer	---	Sampled by	Not Drawn by Laboratory

INFORMATION PROVIDED BY CUSTOMER-SAMPLING SITE DETAILS

Survey No.	185/1& 185/1-1		
Village	Vellilappilly	Taluk	Meenachil
District	Kottayam	State	Kerala

TEST RESULTS- CHEMICAL DISCIPLINE

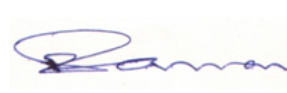
Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT
1	Colour	IS 3025 (Part 4): 2021	Hazen	1
2	Odour	IS 3025 (Part 5): 2018	---	Agreeable
3	Turbidity	IS 3025 (Part 10): 2023	NTU	<0.10
4	pH	IS 3025 (Part 11): 2022	---	6.75
5	Conductivity	IS 3025 (Part 14): 2013	µS/cm	46.8
6	Total Dissolved Solids	IS 3025 (Part 16): 2023	mg/L	30.2
7	Total Hardness as CaCO ₃	IS 3025(Part 21): 2009	mg/L	12.0
8	Calcium as Ca	IS 3025(Part 40): 1991	mg/L	3.20
9	Magnesium as Mg	IS 3025 (Part 46): 2023	mg/L	<1.00



Shency Joy
TM - Chemical
 Checked by




Remya B.
TM-Biological
 Authorized Signatory



Ramar R.
Technical Head
 Authorized Signatory

The results are related to the samples tested; This test report shall not be reproduced except in full, without the written approval of the laboratory, Unless requested by the customer; the samples will not be retained for more than 7 days from the date of report.

Standards Environmental & Analytical Laboratories

Accreditation & Certification:

NABL accredited Laboratory as per ISO/IEC 17025:2017 vide Certificate No. TC-12939; ISO 45001:2018 OHSAS certified laboratory.

Approval & Recognition: MoEF recognized Environmental Laboratory; "A" Grade Laboratory approved by KSPCB.

'Standards' Bldg. No: 338/A,B,C,D,E (Behind BPCL Petrol Pump), Edayar, Muppalthadam P.O., Ernakulam Dist. - 683 110.

Tel. 0484-2546660, 93872 72402, 90743 41443, Web: www.standardslab.in, E-mail: seaalab@gmail.com

TEST REPORT

ULR No: TC1293925000019947F

LRI No.: SEAAL25081495A

Date: 22-08-2025

Page 2 of 2

TEST RESULTS- CHEMICAL DISCIPLINE

Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT
10	Chloride as Cl	IS 3025(Part 32): 1988	mg/L	8.00
11	Total Alkalinity as CaCO ₃	IS 3025 (Part 23): 2023	mg/L	6.03
12	Iron as Fe	IS 3025(Part 53): 2003	mg/L	<0.10
13	Sulphate as SO ₄	IS 3025 (Part 24/Sec 1): 2022	mg/L	<1.00

TEST RESULTS - BIOLOGICALDISCIPLINE

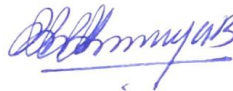
Sl.No.	PARAMETERS	TEST METHOD	UNIT	RESULT
1	Total Coliform Bacteria	IS 15185: 2016	----	Absent/100 ml
2	<i>E.coli</i>	IS 15185: 2016	----	Absent/100 ml

Remarks:

End of Report



Shency Joy
TM - Chemical
 Checked by

Remya B.
TM-Biological
 Authorized Signatory



Ramar R.
Technical Head
 Authorized Signatory

The results are related to the samples tested; This test report shall not be reproduced except in full, without the written approval of the laboratory, Unless requested by the customer; the samples will not be retained for more than 7 days from the date of report.

Standards Environmental & Analytical Laboratories

Accreditation & Certification:

NABL accredited Laboratory as per ISO/IEC 17025:2017 vide Certificate No. TC-12939; ISO 45001:2018 OHSAS certified laboratory.

Approval & Recognition: MoEF recognized Environmental Laboratory; "A" Grade Laboratory approved by KSPCB.

'Standards' Bldg. No: 338/A,B,C,D,E (Behind BPCL Petrol Pump), Edayar, Muppathadam P.O., Ernakulam Dist. - 683 110.

Tel. 0484-2546660, 93872 72402, 90743 41443, Web: www.standardslab.in, E-mail: seaalab@gmail.com

ANNEXURE 9
Vibration Monitoring Report

TEST REPORT

Test Report No.: 250818/R001	Date: 21-08-2025	Page 1 of 1
------------------------------	------------------	-------------

CUSTOMER DETAILS	
Customer Name & Address	Mr.Jismon A.B. Ambarappillil House Muvattupuzha P.O Ernakulam District
Customer Reference	Test Request Date: 16-08-2025

SAMPLE DETAILS			
Product Category	Atmospheric Pollution	Sample Code	250818/S001
Sample Name	Vibration	Monitoring Commenced on	16-08-2025
Sampled by	Lab Authorized Sampler		

SAMPLING SITE DETAILS			
Survey No.	185/1& 185/1-1		
Village	Vellilappilly	Taluk	Meenachil
District	Kottayam	State	Kerala

TEST RESULTS-CHEMICAL DISCIPLINE		
SL NO	LOCATION	RESULT Peak Particle Velocity (mm/s)
1	50m away from the blasting Area (East side)	2.05
2	101m away from the blasting Area (East side)	1.60
3	Vibration measured on the floor of the nearby shed 78 m away from boundary of the lease area towards West side	0.90
4	Vibration measured at the wall of the house of nearby residence (House of Tomy Mathew) 121 m away from boundary of the lease area toward South -West side.	0.50

Remarks:

End of Report



Shency Joy
TM - Chemical
 Checked by




Ramar R.
Technical Head
 Authorized Signatory

The results are related to the samples tested; This test report shall not be reproduced except in full, without the written approval of the laboratory, Unless requested by the customer; the samples will not be retained for more than 7 days from the date of report.

Standards Environmental & Analytical Laboratories

Approval & Recognition: MoEF recognized Environmental Laboratory; "A" Grade Laboratory approved by KSPCB.

Certification: ISO 45001:2018 OHSAS certified laboratory.

'Standards' Bldg. No: 338/A,B,C,D,E (Behind BPCL Petrol Pump), Edayar, Muppathadam P.O., Ernakulam Dist. -683 110.

Tel. 0484-2546660, 93872 72402, 90743 41443, Web: www.standardslab.in, E-mail: seaalab@gmail.com

ANNEXURE 10

Non-El Purchase Bill & RE 05 Register

Form of Account to be Maintained by a Licensee Accounts of Receipt of Explosives Used by Licensee (Other Than Fire Works)

FORM RE-5

Note : This Record should be kept up-to-date-Entire should be made Daily and as and When Explosives are received

(See Rule 24 of the Explosive Rules, 2008)

Licence No. E/3E/KL/22/475/R 155930 In form Of Explosives Rules 2008

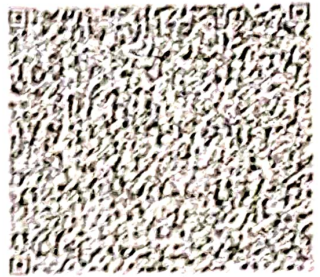
DATE	Description of Explosives Issued							No of Holes Fired	Description of Explosive Used					Description of Explosive returned					Closing Balance	Remarks		
	Shot Firer's Name and Permit No.	Nitrate Mixture Class - 2	Nitro-Compound Class-3	Safety Fuse Class-6 Division-1mt	Detonating Fuse Class-6 Division-2	Detonsator Class-6 Divn-3			Nitrate Mixture Class-2	Nitro Compound Class-3	Safety Fuse Class-6 Division-1	Detonating Fuse Class-6 Division-2	Detonsator Class-6 Divn-3		Nitrate Mixture Class-2	Nitro Compound Class-3	Safety Fuse Class-6 Division-1	Detonating Fuse Class-6 Division-2			Detonsator Class-6 Divn-3	
						Electric	Ordinary						Electric	Ordinary							Electric	Ordinary
12/05		50kg	100	10mt	5NO	-		50kg	100	10mt	5NO	-	-	100kg	500m	195	90mt	എസ്. എച്ച്. ഒ. മാറ്റം				
13/05		25kg	25N	10mt	4NO	-	-	25kg	25NO	10mt	4NO			150kg	475	191	1 box 20mt	മാറ്റം	07/06/25			
14/05		25kg	25m	20mt	15NO			25kg	25NO	20mt	10NO			125kg	450	181	1 box 10mt					
15/05		25kg	50NO	60mt	15NO			25kg	50NO	10mt	20mt			100kg	400m	170	500mt 40mt					
17/05		25kg	25NO	40mt	8NO			25kg	25NO	20mt	3NO			75kg	375	162	500mt 20mt					
20/05		25kg	50N	50mt	25NO			25kg	50N	50mt	25N			50kg	325	137	400mt					
21/05		25kg	50N	30mt	15NO			25kg	50N	20mt	15NO			25kg	275	122	400m					
22/05		25kg	50mt	40mt	15NO			25kg	50N	40mt	24			150kg	225	98	400m					
23/05		25kg	25	20m	15N			25kg	25	20mt	15			125kg	200	83	380					
24/05		25kg	25	10mt	20m			25kg	25	20mt	19			100kg	175	64	260mt					
06/06		25kg	25N	20	10m			25kg	25N	20m	20			75kg	150	44	340m					
07/06		25kg	25N	10mt	18N			25kg	25N	10m	18			50kg	125	26	330m					
09/06		25kg	25N	10mt	15mt			25kg	25N	10m	15			175	700	309	320m	മാറ്റം	07/06/25			
10/06/25		25kg	25	10mt	9			25kg	25N	10mt	9			150	675	300	310					
13/06/25		25kg	25N	40mt	30			25kg	25N	25mt	30			125	650	270	280					
18/06/25		25kg	25NO	22mt	25			25kg	25N	22mt	25			100	625	245	255					
19/06/25		25kg	25N	22mt	25			25	25	22mt	25			75	600	220	236					
20/06/25		25kg	125NO	22mt	20			25	125	22mt	20			50	775	200	214					

Tax Invoice

(ORIGINAL FOR RECIPIENT)

a-Invoice

IRN : 5e02ccad211d745badfc26b5131778ed48e601acc941a31e0-
eb8c59794913087
Ack No. : 152522638920340
Ack Date : 8-Aug-25



VK AGENCIES

VK AGENCIES MLA ROAD

PUNALUR KOLLAM,

Phone No.0475-2226012

Kerala - 691305, India

GSTIN/UIN: 32AJOPB0171A1Z2

State Name : Kerala, Code : 32

Contact : 04752226012

Buyer (Bill to)

J S ROCKS

JISMON AMBARAPILLYPUTHENPURAYIL

BHASKARAN, GROUND FLOOR,4/274.

PARATHAZHATHU BUILDING, NEAR RAMAPURAM

CONVENT SCHOOL, Kottayam, E/SE/KL/22/475?(155930)

Kerala - 686574, India

GSTIN/UIN : 32BQVPB0944C2Z6

State Name : Kerala, Code : 32

Place of Supply : Kerala

Invoice No.

B2630

Delivery Note

Reference No. & Date.

Buyer's Order No.

Dispatch Doc No.

Dispatched through

Terms of Delivery

Dated

8-Aug-25

Mode/Terms of Payment

Other References

Dated

Delivery Note Date

Destination

Ernakulam

SI No.	Description of Goods	HSN/SAC	Quantity	Rate (Incl. of Tax)	Rate per	Amount
1	Supremedet Combidet 4 Mtr 25-250 MS(Nonel)	36034000	260 Nos		30.08 Nos	7,820.80

CENTRAL TAX (CGST)

STATE TAX (SGST)

Round Off

703.87

703.87

0.46

Total 260 Nos

₹ 9,229.00

E. & O.E

Amount Chargeable (in words)

INR Nine Thousand Two Hundred Twenty Nine Only

	Taxable Value	CGST Rate	CGST Amount	SGST/UTGST Rate	SGST/UTGST Amount	Total Tax Amount
	7,820.80	9%	703.87	9%	703.87	1,407.74
Total:	7,820.80		703.87		703.87	1,407.74

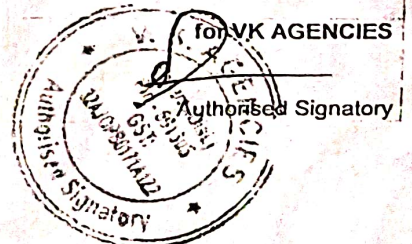
Tax Amount (in words) : INR One Thousand Four Hundred Seven and Seventy Four paise Only

Company's PAN : AJOPB0171A

Declaration

We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

This is a Computer Generated Invoice



Tax Invoice

(ORIGINAL FOR RECIPIENT)

e-Invoice

IRN : 569a19f137f46b7a2bca1687ac5d0b53d2ldf70e232eecef0-
fa09d58172584ab
Ack No : 152522317795207
Ack Date : 11-Jul-25

VK AGENCIES
VK AGENCIES MLA ROAD
PUNALUR KOLLAM,
Phone No.0475-2226012
Kerala - 691305, India
GSTIN/UTIN: 32AJOPB0171A1Z2
State Name : Kerala, Code : 32
Contact : 04752226012
Buyer (Bill to)

J S ROCKS
JISMON AMBARAPILLYPUTHENPURAYIL
BHASKARAN, GROUND FLOOR,4/274.
PARATHAZHATHU BUILDING, NEAR RAMAPURAM
CONVENT SCHOOL, Kottayam, E/SE/KL/22/475?(
155930)
Kerala - 686574, India
GSTIN/UTIN : 32BQVPB0944C2Z6
State Name : Kerala, Code : 32
Place of Supply : Kerala

Invoice No
B2065
Delivery Note

Dated
11-Jul-25
Mode/Terms of Payment

Reference No. & Date.

Other References

Buyer's Order No.

Dated

Dispatch Doc No.

Delivery Note Date

Dispatched through

Destination
Ernakulam

Terms of Delivery

SI No	Description of Goods	HSN/SAC	Quantity	Rate (Incl. of Tax)	Rate per	Amount
1	SUNDET(DOUBLE DET) 4MTR(Nonel)	36030031	520 Nos		30.08 Nos	15,641.60
CENTRAL TAX (CGST)						1,407.74
STATE TAX (SGST)						1,407.74
Less : Round Off						(-)0.08

Total

520 Nos

₹ 18,457.00
E. & O.E

Amount Chargeable (in words)

INR Eighteen Thousand Four Hundred Fifty Seven Only

	Taxable Value	CGST Rate	CGST Amount	SGST/UTGST Rate	SGST/UTGST Amount	Total Tax Amount
	15,641.60	9%	1,407.74	9%	1,407.74	2,815.48
Total:	15,641.60		1,407.74		1,407.74	2,815.48

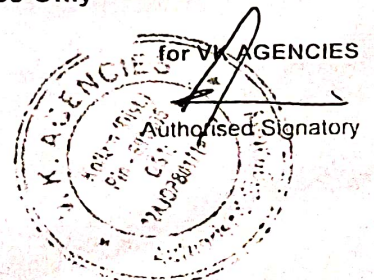
Tax Amount (in words) : INR Two Thousand Eight Hundred Fifteen and Forty Eight paise Only

Company's PAN : AJOPB0171A


Declaration

We declare that this invoice shows the actual price of the goods
described and that all particulars are true and correct.

This is a Computer Generated Invoice



Answer:



Invoice No	Date
12345	12-01-23
Delivery Note	Identification of Documents
Reference No & Date	Other References
Buyer's Order No	Batch
Dispatch Doc No	Delivery Note Date
Dispatched through	Destination
Terms of Delivery	Ernakulam

Sl No.	Description of Goods	HSN/SAC	Quantity	Rate (Incl. of Tax)	Rate per	Amount
1	Supremedet Combidet 4 Mtr 25-250 MS(Nonel)	36034000	520 Nos		28.00 Nos	14,560.00
2	Ordinary Detonator(APS.O.D)	36030051	200 Nos		1.30 Nos	260.00
						14,820.00
	CENTRAL TAX (CGST)					1,333.80
	STATE TAX (SGST)					1,333.80
	Round Off					0.40

Total	720 Nos	₹ 17,488.00
-------	---------	-------------

E. & O.E

INR Seventeen Thousand Four Hundred Eighty Eight Only

	Taxable Value	CGST Rate	CGST Amount	SGST/UTGST Rate	SGST/UTGST Amount	Total Tax Amount
	14,820.00	9%	1,333.80	9%	1,333.80	2,667.60
Total:	14,820.00		1,333.80		1,333.80	2,667.60

Tax Amount (in words) : INR Two Thousand Six Hundred Sixty Seven and Sixty paise Only

Company's PAN : AJOPB0171A

Declaration

Declaration
We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

for VK AGENCIES

Authorised Signatory

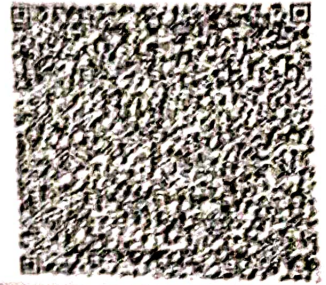
This is a Computer Generated Invoice

Tax Invoice

(ORIGINAL FOR RECIPIENT)

e-Invoice

IRN : a255cb5d3b8713b259770a12db6283c702c110e2f12486e4af.
Ack No. : 152521934070913
Ack Date : 6-Jun-25



VK AGENCIES
VK AGENCIES MLA ROAD
PUNALUR KOLLAM,
Phone No.0475-2226012
Kerala - 691305, India
GSTIN/UIN: 32AJOPB0171A1Z2
State Name : Kerala, Code : 32
Contact : 04752226012

Buyer (Bill to)

J S ROCKS
JISMON AMBARAPILLYPUTHENPURAYIL
BHASKARAN, GROUND FLOOR, 4/274.
PARATHAZHATHU BUILDING, NEAR RAMAPURAM
CONVENT SCHOOL, Kottayam, E/SE/KL/22/475?(155930)
Kerala - 686574, India

TIN/UIN : 32BQVPB0944C2Z6
State Name : Kerala, Code : 32
Place of Supply : Kerala

Invoice No. B1341	Dated 6-Jun-25
Delivery Note	Mode/Terms of Payment
Reference No. & Date.	Other References
Buyer's Order No.	Dated
Dispatch Doc No:	Delivery Note Date
Dispatched through	Destination Ernakulam
Terms of Delivery	

SI No.	Description of Goods	HSN/SAC	Quantity	Rate (Incl. of Tax)	Rate per	Amount
1	Supremedet-S Combidet 3 Mtrt25-250 MS(Nonel)	36034000	600 Nos	22.54	Nos	13,524.00
2	Ordinary Detonator(APS.O.D)	36030051	200 Nos	1.30	Nos	260.00
						13,784.00
						1,240.56
						1,240.56
						(-)-0.12

CENTRAL TAX (CGST)
STATE TAX (SGST)
Round Off

Less :

Total

800 Nos

₹ 16,265.00

E. & O.E

Amount Chargeable (in words)

INR Sixteen Thousand Two Hundred Sixty Five Only

Taxable Value	CGST Rate	CGST Amount	SGST/UTGST Rate	SGST/UTGST Amount	Total Tax Amount
13,784.00	9%	1,240.56	9%	1,240.56	2,481.12
Total:		1,240.56		1,240.56	2,481.12

Tax Amount (in words) : INR Two Thousand Four Hundred Eighty One and Twelve paise Only

Company's PAN : AJOPB0171A

Declaration

We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

for VK AGENCIES

Authorised Signatory

This is a Computer Generated Invoice

ANNEXURE 11
Air Quality monitoring Report

TEST REPORT

ULR No: TC1293925000019913F

LRI No.: SEAAL25081460A

Date: 21-08-2025

Page 1 of 1

CUSTOMER DETAILS

Customer Name & Address	Mr.Jismon A.B. Ambarappillil House Muvattupuzha P.O Ernakulam District
Customer Reference	Test Request date: 16-08-2025

SAMPLE DETAILS

Product Category	Atmospheric Pollution	Sample Code	EN25080569
Sample Name	Ambient Air	Sample Received on	18-08-2025
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	19-08-2025
Sampled by	Lab Authorized Sampler	Test Completed on	20-08-2025

DETAILS OF SAMPLING

Sampling Location	Project Site	Date of Sampling	16-08-2025
Sampling Procedure	SEAAL/CHL/SOP/7.3/02	Humidity	69%

INFORMATION PROVIDED BY CUSTOMER-SAMPLING SITE DETAILS

Survey No.	185/1& 185/1-1		
Village	Vellilappilly	Taluk	Meenachil
District	Kottayam	State	Kerala

TEST RESULTS-CHEMICAL DISCIPLINE

SL NO	PARAMETERS	TEST METHOD	UNIT	RESULT	NAAQ STANDARD
1	Particulate matter,PM ₁₀	IS 5182 (Part 23): 2006	µg/m ³	45.6	100 (Max)
2	Particulate matter ,PM _{2.5}	IS 5182 (Part 24): 2019	µg/m ³	21.1	60 (Max)
3	Sulphur dioxide as SO ₂	IS 5182 (Part 2): 2001	µg/m ³	4.50	80 (Max)
4	Oxides of Nitrogen as NO ₂	IS 5182 (Part 6): 2006	µg/m ³	5.36	80 (Max)

Remarks:

End of Report


Shency Joy
TM - Chemical
 Checked by


Ramar R.
Technical Head
 Authorized Signatory

The results are related to the samples tested; This test report shall not be reproduced except in full, without the written approval of the laboratory. Unless requested by the customer; the samples will not be retained for more than 7 days from the date of report.

Standards Environmental & Analytical Laboratories

Accreditation & Certification:

NABL accredited Laboratory as per ISO/IEC 17025:2017 vide Certificate No. TC-12939; ISO 45001:2018 OHSAS certified laboratory.

Approval & Recognition: MoEF recognized Environmental Laboratory; "A" Grade Laboratory approved by KSPCB.

'Standards' Bldg. No: 338/A,B,C,D,E (Behind BPCL Petrol Pump), Edayar, Muppathadam P.O., Ernakulam Dist. - 683 110.

Tel. 0484-2546660, 93872 72402, 90743 41443, Web: www.standardslab.in, E-mail: seaalab@gmail.com

ANNEXURE 12
PUC Certificates of Vehicles

Form 59

[See rules 115 (2)]

Pollution Under Control Certificate

Authorised By :

GOVERNMENT OF KERALA

Date : 26/04/2025

Time : 17:33:09 PM

Validity upto : 25/10/2025



Certificate SL No. : KL00500240025125
 Registration No. : KL05AM7897
 Date of Registration : 22/Feb/2016
 Month & Year of Manufacturing : January-2016
 Valid Mobile Number : *****1890
 Emission Norms : BHARAT STAGE III
 Fuel : DIESEL
 PUC Code : KL0050024
 GSTIN :
 Fees : Rs.150.00
 MIL observation : No

Vehicle Photo with Registration plate
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	2.45	0.27

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parivahan.gov.in>

Authorised Signature with stamp of PUC Operator
60mm x 20 mm

Form 59

[See rules 115 (2)]

Pollution Under Control Certificate

Authorised By :

GOVERNMENT OF KERALA

Date : 02/04/2025

Time : 16:50:13 PM

Validity upto : 01/10/2025



Certificate SL No. : KL00500240024685
 Registration No. : KL05AH3812
 Date of Registration : 27/Sep/2013
 Month & Year of Manufacturing : June-2013
 Valid Mobile Number : *****8342
 Emission Norms : BHARAT STAGE II
 Fuel : DIESEL
 PUC Code : KL0050024
 GSTIN :
 Fees : Rs.150.00
 MIL observation : No

Vehicle Photo with Registration plate
60 mm x 30 mm

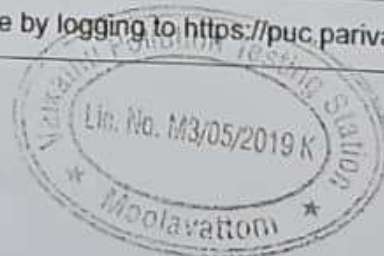


Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	2.45	0.09

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parivahan.gov.in>

Authorised Signature with stamp of PUC Operator
60mm x 20 mm



Form 59

[See rules 115 (2)]

Pollution Under Control Certificate

Authorised By :

GOVERNMENT OF KERALA

Date : 29/01/2025
Time : 14:25:10 PM
Validity upto : 28/01/2026



Certificate SL. No. : KL00500100019776
Registration No. : KL05AU3593
Date of Registration : 14/Jun/2019
Month & Year of Manufacturing : May-2019
Valid Mobile Number : *****8342
Emission Norms : BHARAT STAGE IV
Fuel : DIESEL
PUC Code : KL0050010
GSTIN :
Fees : Rs.180.00
MIL observation : No

Vehicle Photo with Registration plate
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 \pm 200	
	Lambda	-	1 \pm 0.03	
Smoke Density	Light absorption coefficient	1/metre	1.62	0.1

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parivahan.gov.in>

Authorised Signature with stamp of PUC Operator
60mm x 20 mm



[See rules 115 (2)]

Pollution Under Control Certificate

Authorised By :

GOVERNMENT OF KERALA

Date : 15/03/2025
 Time : 12:14:24 PM
 Validity upto : 14/09/2025



Certificate SL No. : KL00500240024286
 Registration No. : KL05AJ0992
 Date of Registration : 13/Feb/2014
 Month & Year of Manufacturing : September-2013
 Valid Mobile Number : *****1078
 Emission Norms : BHARAT STAGE III
 Fuel : DIESEL
 PUC Code : KL0050024
 GSTIN :
 Fees : Rs.150.00
 MIL observation : No

Vehicle Photo with Registration plate
 60 mm x 30 mm

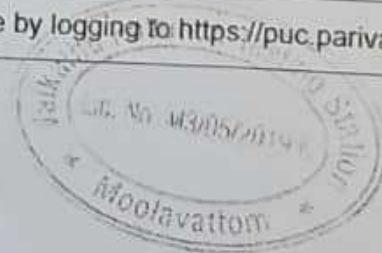


Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 \pm 200	
	Lambda	-	1 \pm 0.03	
Smoke Density	Light absorption coefficient	1/metre	2.45	0.16

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parivahan.gov.in>

Authorised Signature with stamp of PUC Operator
 60mm x 20 mm



ANNEXURE 13
Ground Water Quality Report

TEST REPORT

ULR No: TC1293925000019915F

LRI No.: SEAAL25081462A

Date: 21-08-2025

Page 1 of 2

CUSTOMER DETAILS

Customer Name & Address	Mr.Jismon A.B. Ambarappillil House Muvattupuzha P.O Ernakulam District
Customer Reference	Test Request date: 16-08-2025

SAMPLE DETAILS

Product Category	Water	Sample Code	WT25080448
Sample Name	Ground Water	Sample Received on	18-08-2025
Sample Description by Customer	Open Well Water	Temperature @ Receipt	4°C
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	18-08-2025
Sample Quantity& Packing	2 L & 125 ml in a Plastic Bottle	Test Completed on	20-08-2025
Information Provided by Customer	---	Sampled by	Lab Authorized Sampler

DETAILS OF SAMPLING

Sample Source	Project Site	Date of Sampling	16-08-2025
Sampling Procedure	SEAAL/QAD/SOP/7.3/01	Sample Temperature	27.8 °C

INFORMATION PROVIDED BY CUSTOMER-SAMPLING SITE DETAILS

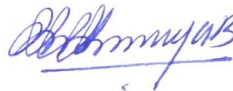
Survey No.	185/1& 185/1-1		
Village	Vellilappilly	Taluk	Meenachil
District	Kottayam	State	Kerala

TEST RESULTS- CHEMICAL DISCIPLINE

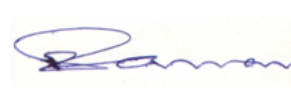
Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500: 2012
1	Colour	IS 3025 (Part 4): 2021	Hazen	1	5 (Max)
2	Odour	IS 3025 (Part 5): 2018	---	Agreeable	Agreeable



Shency Joy
TM - Chemical
 Checked by

Remya B.
TM-Biological
 Authorized Signatory



Ramar R.
Technical Head
 Authorized Signatory

The results are related to the samples tested; This test report shall not be reproduced except in full, without the written approval of the laboratory, Unless requested by the customer; the samples will not be retained for more than 7 days from the date of report.

Standards Environmental & Analytical Laboratories

Accreditation & Certification:

NABL accredited Laboratory as per ISO/IEC 17025:2017 vide Certificate No. TC-12939; ISO 45001:2018 OHSAS certified laboratory.

Approval & Recognition: MoEF recognized Environmental Laboratory; "A" Grade Laboratory approved by KSPCB.

'Standards' Bldg. No: 338/A,B,C,D,E (Behind BPCL Petrol Pump), Edayar, Muppathadam P.O., Ernakulam Dist. - 683 110.

Tel. 0484-2546660, 93872 72402, 90743 41443, Web: www.standardslab.in, E-mail: seaalab@gmail.com

TEST REPORT

ULR No: TC1293925000019915F

LRI No.: SEaal25081462A

Date: 21-08-2025

Page 2 of 2

TEST RESULTS- CHEMICAL DISCIPLINE

Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500: 2012
3	Turbidity	IS 3025 (Part 10): 2023	NTU	<0.10	1 (Max)
4	pH @ 25°C	IS 3025 (Part 11): 2022	---	6.75	6.50-8.50
5	Conductivity	IS 3025 (Part 14): 2013	µS/cm	90.1	---
6	Total Dissolved Solids @ 180°C	IS 3025 (Part 16): 2023	mg/L	58.0	500 (Max)
7	Total Hardness as CaCO ₃	IS 3025(Part 21): 2009	mg/L	20.0	200 (Max)
8	Calcium as Ca	IS 3025(Part 40): 1991	mg/L	5.60	75 (Max)
9	Magnesium as Mg	IS 3025 (Part 46): 2023	mg/L	1.46	30 (Max)
10	Chloride as Cl	IS 3025(Part 32): 1988	mg/L	12.0	250 (Max)
11	Total Alkalinity as CaCO ₃	IS 3025 (Part 23): 2023	mg/L	12.1	200 (Max)
12	Iron as Fe	IS 3025(Part 53): 2003	mg/L	0.21	1 (Max)
13	Sulphate as SO ₄	IS 3025 (Part 24/Sec 1): 2022	mg/L	<1.00	200 (Max)

TEST RESULTS - BIOLOGICALDISCIPLINE

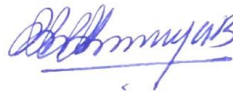
Sl.No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500 : 2012
1	Total Coliform Bacteria	IS 15185 : 2016	----	Absent/100 ml	Absent/100 ml
2	<i>E.coli</i>	IS 15185 : 2016	----	Absent/100 ml	Absent/100 ml

Remarks:

End of Report



Shency Joy
TM - Chemical
 Checked by

Remya B.
TM-Biological
 Authorized Signatory



Ramar R.
Technical Head
 Authorized Signatory

The results are related to the samples tested; This test report shall not be reproduced except in full, without the written approval of the laboratory, Unless requested by the customer; the samples will not be retained for more than 7 days from the date of report.

Standards Environmental & Analytical Laboratories

Accreditation & Certification:

NABL accredited Laboratory as per ISO/IEC 17025:2017 vide Certificate No. TC-12939; ISO 45001:2018 OHSAS certified laboratory.

Approval & Recognition: MoEF recognized Environmental Laboratory; "A" Grade Laboratory approved by KSPCB.

'Standards' Bldg. No: 338/A,B,C,D,E (Behind BPCL Petrol Pump), Edayar, Muppalthadam P.O., Ernakulam Dist. - 683 110.

Tel. 0484-2546660, 93872 72402, 90743 41443, Web: www.standardslab.in, E-mail: seaalab@gmail.com

ANNEXURE 14
Noise level Monitoring Report

TEST REPORT

ULR No: TC1293925000019914F

LRI No.: SEAAL25081461A

Date: 21-08-2025

Page 1 of 2

CUSTOMER DETAILS

Customer Name & Address	Mr.Jismon A.B. Ambarappillil House Muvattupuzha P.O Ernakulam District
Customer Reference	Test Request date: 16-08-2025

DETAILS OF MONITORING

Product Category	Atmospheric Pollution	Sample Code	EN25080570
Sample Name	Ambient Noise	Monitoring Commenced on	16-08-2025
Test Method	IS 9989:1981	Monitoring Completed on	17-08-2025
Monitoring Location	Project Site	Monitored by	Lab Authorized Sampler

INFORMATION PROVIDED BY CUSTOMER-SAMPLING SITE DETAILS

Survey No.	185/1& 185/1-1		
Village	Vellilappilly	Taluk	Meenachil
District	Kottayam	State	Kerala

MONITORING RESULTS - Leq

TIME	RESULTS dB(A)	TIME	RESULTS dB(A)	TIME	RESULTS dB(A)
06:00	39.1	14:00	52.4	22:00	37.9
07:00	41.9	15:00	52.8	23:00	37.7
08:00	46.3	16:00	54.0	24:00	40.5
09:00	50.0	17:00	54.4	01:00	41.2
10:00	52.4	18:00	48.8	02:00	40.8
11:00	55.6	19:00	45.1	03:00	41.6
12:00	52.8	20:00	41.1	04:00	40.5
13:00	52.0	21:00	40.6	05:00	42.4



Shency Joy
TM - Chemical
 Checked by




Ramar R.
Technical Head
 Authorized Signatory

The results are related to the samples tested; This test report shall not be reproduced except in full, without the written approval of the laboratory. Unless requested by the customer; the samples will not be retained for more than 7 days from the date of report.

Standards Environmental & Analytical Laboratories

Accreditation & Certification:

NABL accredited Laboratory as per ISO/IEC 17025:2017 vide Certificate No. TC-12939; ISO 45001:2018 OHSAS certified laboratory.

 Approval & Recognition: MoEF recognized Environmental Laboratory; "A" Grade Laboratory approved by KSPCB.
 'Standards' Bldg. No: 338/A,B,C,D,E (Behind BPCL Petrol Pump), Edayar, Muppathadam P.O., Ernakulam Dist. - 683 110.

Tel. 0484-2546660, 93872 72402, 90743 41443, Web: www.standardslab.in, E-mail: seaalab@gmail.com

TEST REPORT

ULR No: TC1293925000019914F

LRI No.: SEAAL25081461A


Date: 21-08-2025

Page 2 of 2

Sl. No.	PARAMETERS	UNIT	RESULT
1	Ambient Sound Level (Leq) Day Time	dB(A)	50.9
2	Ambient Sound Level (Leq) Night Time	dB(A)	40.9

Remarks:

End of Report

**Shency Joy**
TM - Chemical
Checked by**Ramar R.**
Technical Head
Authorized Signatory

The results are related to the samples tested; This test report shall not be reproduced except in full, without the written approval of the laboratory, Unless requested by the customer; the samples will not be retained for more than 7 days from the date of report.

Standards Environmental & Analytical Laboratories

Accreditation & Certification:

NABL accredited Laboratory as per ISO/IEC 17025:2017 vide Certificate No. TC-12939; ISO 45001:2018 OHSAS certified laboratory.

Approval & Recognition: MoEF recognized Environmental Laboratory; "A" Grade Laboratory approved by KSPCB.

'Standards' Bldg. No: 338/A,B,C,D,E (Behind BPCL Petrol Pump), Edayar, Muppathadam P.O., Ernakulam Dist. - 683 110.

Tel. 0484-2546660, 93872 72402, 90743 41443, Web: www.standardslab.in, E-mail: seaalab@gmail.com

ANNEXURE 15

Agreement with authorized Spent Oil recycler

നോൺ ജുഡീഷ്യൽ

NON JUDICIAL

₹200

₹200

കേരള സർക്കാർ
GOVERNMENT OF KERALA

e-Stamp

e-Stamp Serial Number : 202526000003173214

Verification Code : 903980437V

Govt. Reference No.(GRN) : KL021891387202526E
Purpose : Agreement or memorandum of an agreement - if not otherwise provided for
Amount of Stamp Paper Purchased in Numeral : ₹ 200
Amount of Stamp Paper Purchased in Words : Rupees Two Hundred
Stamp Paper Purchased on : 14/08/2025 12:27:41
First Party Name : Jismon A B
First Party Address : Proprietor JS Rocks Ramapuram
Second Party Name : K C Shajan
Second Party Address : Manager Cee Jee Lubricants Binamipuram P O
Vendor Code & Name : 12012071 - RAMACHANDRAN NAIR K K
Treasury Code & Name : 1201 - District Treasury, Muvattupuzha

Please write or type below this line

AGREEMENT

Agreement executed on this 15th day of August, Two Thousand and Twenty Five between Mr. Jismon A B, Proprietor, J S Rocks, Ground Floor, 4/274, Parathazhathu Building, Ramapuram, Puliyanloor Part, Kottayam - 686574 (herein after referred to as the Seller) and Mr. K.C Shajan, Manager, Cee Jee Lubricants, Industrial Development Area, Edayar, Binanipuram P.O., Aluva (hereinafter referred to as the contractor).

Cee Jee Lubricants has been authorized by Kerala State Pollution Control Board and Central Pollution Control Board to operate a hazardous waste treatment facility in its own factory premises. Cee Jee Lubricants has been receiving orders from various users in Kerala for treatment of their waste.

(Page 1 of 3)

Cee Jee Lubricants
IDA, Edayar, Aluva



This can be verified by
https://www.estamp.treasury.kerala.gov.in/index.php/estamp_search using e-Stamp
Serial Number and Verification Code.

In case of any discrepancy, please inform the competent authority.
MUVATTUPUZHA VENDOR
K.K. RAMACHANDRAN NAIR

WHEREAS the contractor has expressed interest to procure the Used/Waste Oil accumulated in the Sellers Service station, Plant or Plants on the terms and conditions contained hereunder and for the price mentioned in the quotation submitted by the contractor.

WHEREAS the seller has accepted the said proposal of the contractor and agrees to allow the contractor to lift/ purchase the Used/Waste oil on the terms and conditions mentioned hereinafter.

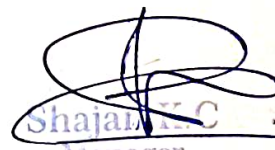
NOW THIS PRESENTS AND IT IS HEREBY MUTUALLY AGREED AS FOLLOWS:

1. The agreement shall commence from 15/08/2025 and shall continue till 30/08/2028 (both day inclusive) and the agreement may be renewed on mutual consent in writing between the parties herein. Both the parties hereto agree, accept and ratify all lawful acts and things done in relation to this agreement from the date of its commencement.
2. The contractor shall have to remove the oil within the stipulated period at the accepted rate specified below as per the directions of the service manager in accordance from all the stations in Kerala. The minimum quantity in a location must be at least 500 Litre. If the quantity is less than the minimum quantity the contractor will charge transportation charge Rs.20/- per running kilometer or you can deliver at our premises.
3. The contractor will purchase the used oil for the agreed price Rs.25/- per litre
4. The seller has no right to sell the accumulation to any other parties. The seller has paid Rs.10000/- as one time registration fee (Nonrefundable) dated 15/08/2025 to the purchaser for the fee of the above. The material will dispose to our authorized person with required documents 'FORM 10'
5. The seller will submit the copy KSPCB Consent/NOC to the contractor at the earliest when receive the same.
6. If the seller disposes the used oil to any other party during the period of contract agreement or not disposed to the contractor during the period, the contractor will pass the necessary information to the concerned PCB authorities.
7. The seller will dispose the used oil to the buyer monthly or maximum with 90days depending the quantity of accumulation.
8. No representation for reduction/increase of rate once accepted during the contract period will be considered.

For JS ROCKS



Proprietor



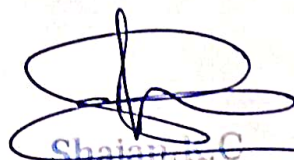
Shajam
Manager
Cee Jee Lubricants
IDA, Edayar, Aluva

(Page 2 of 3)

9. The cost of materials with sales tax should be remitted by cheque/RTGS at the office of the respective units each time before the materials are removed.
10. The Contractor shall not assign, sublet or underlet the rights under this contract to anyone.
11. All doubts and disputes arising out of this agreement or in relation thereto or regarding the interpretation of any clause or clauses thereof shall be decided by mutually through discussions, or else the Aluva Court will have the Jurisdiction.



IN WITNESS whereof the parties hereto have set their hands the day and year first above written;

Signed, sealed and Delivered by
Mr. Shajan K C, Manager for and on behalf of the
M/s Cee Jee Lubricants,
VI/592, Industrial Development Area, Edayar,
Binanipuram P.O., Aluva, Ernakulam 683 502



Shajan K C
Manager
Cee Jee Lubricants
IDA, Edayar, Aluva



In the presents of witness:


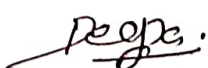
1. Nimisha K B 
2. Regha P. B 

Signed, Sealed and Delivered by
Mr. Jismon A B, Proprietor, J S Rocks,
Ground Floor, 4/274, Parathazhathu Building,
Ramapuram, Puliyanloor Part, Kottayam – 686574

For JS ROCKS

Proprietor



In the presence of Witness:

1. SANTHOSH KUMAR M.P, MURINGOTH (H), AMBUNAD 
2. DEEPA BIJU, ARACKAL (II) ANCHEPETTY 

ANNEXURE 16
Medical Reports of Employees

MEDICAL CERTIFICATE OF FITNESS

I have examined Shri / Kumari / Smt. M.D. Rafiqul Islam
Son / Daughter of Shri Sahajuddin aged
42 Years, of Village: Sajanapara P.O.
..... P.S.

Dist. Talpaiguri State West Bengal PIN 735212 and certify that, he
/ she is free from deafness, defective vision (including colour vision) or any other
infirmity, mental or physical, likely to interfere with the efficiency of his / her work and
found him / her possessing good health.

This certificate is being given to him / her for the purpose of Quarry work.

M.D. Rafiqul Islam

Signature of Candidate

(To be signed in presence of the Medical Officer)



Signature of Medical Officer: Lovely Jasmine

Name of Medical Officer: Dr. Lovely Jasmine T.S.

Registration No. B Sc. MBBS Reg. No. 15399
TCMC, Modern Medicine

Dated: 20/08/2025

Seal

Note: Medical certificate granted by a qualified medical practitioner holding at least M.B.B.S. Degree and registered with Medical Council of India, shall only be valid. The date of issue of the medical certificate should be within **one year** from the date of application.

MEDICAL CERTIFICATE OF FITNESS

I have examined Shri / Kumari / Smt. Vishnu K. U.
Son / Daughter of Shri Vijayan aged
30 Years, of Village: Kothamangalam P.O.
Mamalakandam P.S

Dist. Ernakulam State Kerala PIN 686681 and certify that, he / she is free from deafness, defective vision (including colour vision) or any other infirmity, mental or physical, likely to interfere with the efficiency of his / her work and found him / her possessing good health.

Ht - 169 cm weight - 76 kg
This certificate is being given to him / her for the purpose of Hilachi operator
in Quarry field.


Signature of Candidate

(To be signed in presence of the Medical Officer)



Signature of Medical Officer: 

Name of Medical Officer: Dr. Lovely Jasmine T.S.

Registration No. B.Sc. MBBS Reg. No. 15399
J.C.M.C. Modern Medicine

Dated: 20/8/2025

Seal

Note: Medical certificate granted by a qualified medical practitioner holding at least M.B.B.S. Degree and registered with Medical Council of India, shall only be valid. The date of issue of the medical certificate should be within **one year** from the date of application.

MEDICAL CERTIFICATE OF FITNESS

I have examined Shri / Kumari / Smt. JISMON THOMAS
Son / Daughter of Shri Thomas aged
44 Years, of Village: Kuttampuzha P.O.
Vadattipara P.S.
Dist. Ernakulam State Kerala PIN 686681 and certify that, he
/ she is free from deafness, defective vision (including colour vision) or any other
infirmity, mental or physical, likely to interfere with the efficiency of his / her work and
found him / her possessing good health.

This certificate is being given to him / her for the purpose of Quarry work
as a Super.V.S.O.

AS
Signature of Candidate

(To be signed in presence of the Medical Officer)



Signature of Medical Officer: Lovely Jasmine

Name of Medical Officer: Dr. Dr. Lovely Jasmine T.S.

Registration No. B Sc. MBBS Reg. No. 15399
TCMC. Modern Medicine

Dated: 20/8/2025

Seal

Note: Medical certificate granted by a qualified medical practitioner holding at least M.B.B.S. Degree and registered with Medical Council of India, shall only be valid. The date of issue of the medical certificate should be within **one year** from the date of application.

MEDICAL CERTIFICATE OF FITNESS

I have examined Shri / Kumari / Smt. JAMIL MUNDA MAJHI
Son / Daughter of Shri Subash Munda Majhi aged
28 Years, of Village: Gudri Rada P.O.
Subarnagiri P.S. Kotagarkh
Dist. Kandamal State Odisha PIN and certify that, he
/ she is free from deafness, defective vision (including colour vision) or any other
infirmity, mental or physical, likely to interfere with the efficiency of his / her work and
found him / her possessing good health.

This certificate is being given to him / her for the purpose of Drilling
in Quarry

Jamil Munda Majhi
Signature of Candidate

(To be signed in presence of the Medical Officer)



Signature of Medical Officer: Lovely Jasmine

Name of Medical Officer: Dr. Dr. Lovely Jasmine F.S.

Registration No. B Sc, MBBS Reg. No: 15399
TCMC, Modern Medicine

Dated: 20/08/2025

Seal

Note: Medical certificate granted by a qualified medical practitioner holding at least M.B.B.S. Degree and registered with Medical Council of India, shall only be valid. The date of issue of the medical certificate should be within **one year** from the date of application.

MEDICAL CERTIFICATE OF FITNESS

I have examined Shri / Kumari / Smt. Hari Narayan Singh
Son / Daughter of Shri Subhash Singh aged
29 Years, of Village: Araul, Kanpur Nagar
Kanpur Nagar P.S. Araul
Dist. Bahau State Uttar Pradesh PIN 209202 and certify that, he
/ she is free from deafness, defective vision (including colour vision) or any other
infirmity, mental or physical, likely to interfere with the efficiency of his / her work and
found him / her possessing good health.

This certificate is being given to him / her for the purpose of Hitachi operator
in Quarry work

HARF
Signature of Candidate

(To be signed in presence of the Medical Officer)



Signature of Medical Officer: Lovely Jasmine

Name of Medical Officer: Dr. Dr. Lovely Jasmine T.S.

Registration No. B Sc, MBBS Reg. No: 15399
TCMC, Modern Medicine

Dated: 20/08/2021

Seal

Note: Medical certificate granted by a qualified medical practitioner holding at least M.B.B.S. Degree and registered with Medical Council of India, shall only be valid. The date of issue of the medical certificate should be within **one year** from the date of application.

MEDICAL CERTIFICATE OF FITNESS

I have examined Shri / Kumari / Smt. Ganesh Haranjan
Son / Daughter of Shri Bibem Harjan aged
..... 46 yrs. Years, of Village: Bhanarabhatta P.O.
..... P.S. Kalahandi
Dist. Odisha (State) Odisha PIN 766020 and certify that, he
/ she is free from deafness, defective vision (including colour vision) or any other
infirmity, mental or physical, likely to interfere with the efficiency of his / her work and
found him / her possessing good health. Slight limbing right leg (congenital)

This certificate is being given to him / her for the purpose of Quarry worker
(Digging hole for Jack Hammer). Healthy to do his work

SKG
Signature of Candidate

(To be signed in presence of the Medical Officer)



Signature of Medical Officer: Lovely Jasmine

Name of Medical Officer: Dr.

Registration No. Dr. Lovely Jasmine T.S.

B Sc. MBBS Reg. No: 15399

TCMC. Modern Medicine

Dated: 20/08/2025

Seal

Note: Medical certificate granted by a qualified medical practitioner holding at least M.B.B.S. Degree and registered with Medical Council of India, shall only be valid. The date of issue of the medical certificate should be within **one year** from the date of application.

ANNEXURE 17
Production Details from KOMPAS

Stock Report of KOT/GBS/QP/2025-26/05 (File Ref No: 28470)**From 13 May 2025 till 08 September 2025**

Concession Holder: Jismon A B

Dated: 08 September 2025

Concession Type & Mineral: Quarrying Permit, Granite (Building Stone)

Date and time of Stock entry	Opening Stock (Tonnes)	Production since previous stock entry (Tonnes)	Total Quantity (Tonnes)	Sale since previous stock entry (Tonnes)	Consumption since previous stock entry (Tonnes)	Current Stock (Tonnes)	Passes issued since previous stock entry	Cumulative production (Tonnes)
13-05-2025 07:05 AM	40.175	200	240.175	63.865	0	176.31	5	250
14-05-2025 06:51 AM	176.31	0	176.31	144.635	0	31.675	11	250
15-05-2025 06:38 AM	31.675	0	31.675	25.075	0	6.6	2	250
15-05-2025 06:44 AM	6.6	300	306.6	235.57	0	71.03	16	550
16-05-2025 06:50 AM	71.03	0	71.03	65.705	0	5.325	5	550
16-05-2025 07:49 AM	5.325	300	305.325	142.295	0	163.03	10	850
17-05-2025 06:37 AM	163.03	0	163.03	157.84	0	5.19	11	850
17-05-2025 02:48 PM	5.19	200	205.19	75.58	0	129.61	5	1050
20-05-2025 06:37 AM	129.61	0	129.61	124.12	0	5.49	9	1050
20-05-2025 01:19 PM	5.49	300	305.49	59.995	0	245.495	4	1350
21-05-2025 06:16 AM	245.495	0	245.495	76.075	0	169.42	6	1350
21-05-2025 07:19 AM	169.42	200	369.42	187.65	0	181.77	13	1550
22-05-2025 06:33 AM	181.77	0	181.77	167.415	0	14.355	12	1550
22-05-2025 09:45 AM	14.355	300	314.355	152.075	0	162.28	10	1850
23-05-2025 07:14 AM	162.28	300	462.28	265.02	0	197.26	18	2150
24-05-2025 06:52 AM	197.26	200	397.26	290.845	0	106.415	22	2350
06-06-2025 06:18 AM	106.415	0	106.415	44.18	0	62.235	3	2350
06-06-2025 06:37 AM	62.235	400	462.235	322.955	0	139.28	23	2750
07-06-2025 06:12 AM	139.28	160	299.28	294.825	0	4.455	20	2910
07-06-2025 09:41 AM	4.455	200	204.455	128.52	0	75.935	8	3110
09-06-2025 06:19 AM	75.935	300	375.935	283.11	0	92.825	22	3410
10-06-2025 06:24 AM	92.825	200	292.825	280.86	0	11.965	20	3610
10-06-2025 09:54 AM	11.965	200	211.965	32.32	0	179.645	3	3810
13-06-2025 06:12 AM	179.645	200	379.645	248.955	0	130.69	17	4010
18-06-2025 11:20 AM	130.69	200	330.69	206.91	0	123.78	14	4210
19-06-2025 06:14 AM	123.78	0	123.78	94.97	0	28.81	6	4210
19-06-2025 07:17 AM	28.81	300	328.81	167.035	0	161.775	12	4510
20-06-2025 06:29 AM	161.775	200	361.775	297.915	0	63.86	20	4710
21-06-2025 06:35 AM	63.86	250	313.86	261.52	0	52.34	18	4960
23-06-2025 06:13 AM	52.34	250	302.34	213.285	0	89.055	14	5210
24-06-2025 06:11 AM	89.055	220	309.055	215.966	0	93.089	15	5430
25-06-2025 06:07 AM	93.089	210	303.089	278.965	0	24.124	20	5640
26-06-2025 06:22 AM	24.124	300	324.124	284.285	0	39.839	18	5940

01-07-2025 06:13 AM	39.839	261	300.839	294.715	0	6.124	20	6201
01-07-2025 01:02 PM	6.124	100	106.124	30.145	0	75.979	2	6301
02-07-2025 06:10 AM	75.979	235	310.979	278.49	0	32.489	18	6536
03-07-2025 06:05 AM	32.489	270	302.489	292.8	0	9.689	19	6806
04-07-2025 06:14 AM	9.689	300	309.689	237.51	0	72.179	15	7106
05-07-2025 06:18 AM	72.179	230	302.179	286.775	0	15.404	18	7336
05-07-2025 11:42 AM	15.404	40	55.404	51.685	0	3.719	3	7376
07-07-2025 06:09 AM	3.719	300	303.719	263.05	0	40.669	17	7676
08-07-2025 06:16 AM	40.669	260	300.669	275.095	0	25.574	18	7936
10-07-2025 06:26 AM	25.574	275	300.574	293.28	0	7.294	19	8211
11-07-2025 06:15 AM	7.294	300	307.294	198.4	0	108.894	13	8511
12-07-2025 06:21 AM	108.894	200	308.894	236.52	0	72.374	14	8711
14-07-2025 06:38 AM	72.374	0	72.374	70.82	0	1.554	5	8711
14-07-2025 07:11 AM	1.554	300	301.554	100.555	0	200.999	6	9011
15-07-2025 06:40 AM	200.999	0	200.999	177.52	0	23.479	10	9011
16-07-2025 06:37 AM	23.479	0	23.479	13.835	0	9.644	1	9011
16-07-2025 06:54 AM	9.644	300	309.644	180.175	0	129.469	11	9311
17-07-2025 06:15 AM	129.469	200	329.469	205.96	0	123.509	12	9511
18-07-2025 06:33 AM	123.509	177	300.509	217.13	0	83.379	14	9688
19-07-2025 06:41 AM	83.379	220	303.379	221.01	0	82.369	13	9908
23-07-2025 06:29 AM	82.369	300	382.369	273.57	0	108.799	17	10208
24-07-2025 06:14 AM	108.799	200	308.799	243.615	0	65.184	14	10408
29-07-2025 06:30 AM	65.184	0	65.184	56.26	0	8.924	5	10408
29-07-2025 07:46 AM	8.924	300	308.924	194.42	0	114.504	12	10708
30-07-2025 06:50 AM	114.504	0	114.504	109.48	0	5.024	8	10708
30-07-2025 09:06 AM	5.024	300	305.024	133.12	0	171.904	8	11008
31-07-2025 06:29 AM	171.904	130	301.904	239.088	0	62.816	17	11138
01-08-2025 06:29 AM	62.816	240	302.816	295.493	0	7.323	19	11378
01-08-2025 09:20 AM	7.323	300	307.323	37.425	0	269.898	2	11678
02-08-2025 09:13 AM	269.898	0	269.898	212.265	0	57.633	13	11678
07-08-2025 06:27 AM	57.633	250	307.633	191.945	0	115.688	12	11928
08-08-2025 09:42 AM	115.688	0	115.688	114.695	0	0.993	7	11928
08-08-2025 10:21 AM	0.993	300	300.993	114.89	0	186.103	6	12228
09-08-2025 06:12 AM	186.103	120	306.103	248.875	0	57.228	15	12348
11-08-2025 06:17 AM	57.228	250	307.228	195.301	0	111.927	11	12598
12-08-2025 06:51 AM	111.927	0	111.927	99.69	0	12.237	8	12598
12-08-2025 07:41 AM	12.237	300	312.237	123.166	0	189.071	7	12898
13-08-2025 06:44 AM	189.071	0	189.071	169.44	0	19.631	11	12898
13-08-2025 10:43 AM	19.631	100	119.631	92.085	0	27.546	5	12998

14-08-2025 06:44 AM	27.546	0	27.546	13.835	0	13.711	1	12998
14-08-2025 06:53 AM	13.711	270	283.711	230.66	0	53.051	14	13268
15-08-2025 06:27 AM	53.051	0	53.051	47.99	0	5.061	3	13268
15-08-2025 07:12 AM	5.061	247	252.061	242.13	0	9.931	15	13515
15-08-2025 10:30 AM	9.931	50	59.931	35.89	0	24.041	2	13565
16-08-2025 06:14 AM	24.041	280	304.041	276.92	0	27.121	18	13845
18-08-2025 06:15 AM	27.121	273	300.121	293.74	0	6.381	18	14118
18-08-2025 11:00 AM	6.381	50	56.381	39.155	0	17.226	2	14168
19-08-2025 06:19 AM	17.226	350	367.226	249.08	0	118.146	16	14518
20-08-2025 10:50 AM	118.146	200	318.146	289.535	0	28.611	17	14718
21-08-2025 06:12 AM	28.611	270	298.611	289.205	0	9.406	18	14988
21-08-2025 09:30 AM	9.406	50	59.406	37.715	0	21.691	3	15038
22-08-2025 06:16 AM	21.691	270	291.691	285.895	0	5.796	18	15308
23-08-2025 06:15 AM	5.796	300	305.796	176.077	0	129.719	11	15608
25-08-2025 09:16 AM	129.719	170	299.719	214.573	0	85.146	14	15778
26-08-2025 06:10 AM	85.146	225	310.146	258.167	0	51.979	16	16003
27-08-2025 06:16 AM	51.979	250	301.979	291.175	0	10.804	18	16253
28-08-2025 06:34 AM	10.804	290	300.804	291.465	0	9.339	18	16543
28-08-2025 08:50 AM	9.339	50	59.339	41.123	0	18.216	2	16593
28-08-2025 09:18 AM	18.216	50	68.216	52.56	0	15.656	3	16643
29-08-2025 06:20 AM	15.656	285	300.656	294.888	0	5.768	17	16928
29-08-2025 10:16 AM	5.768	50	55.768	32.79	0	22.978	2	16978
30-08-2025 06:19 AM	22.978	278	300.978	257.865	0	43.113	15	17256
01-09-2025 06:13 AM	43.113	257	300.113	291.029	0	9.084	16	17513
02-09-2025 06:47 AM	9.084	300	309.084	286.49	0	22.594	17	17813
03-09-2025 06:26 AM	22.594	280	302.594	296.715	0	5.879	17	18093
04-09-2025 06:34 AM	5.879	300	305.879	294.515	0	11.364	18	18393
04-09-2025 07:45 AM	11.364	50	61.364	53.765	0	7.599	3	18443
04-09-2025 08:59 AM	7.599	200	207.599	19.155	0	188.444	1	18643
08-09-2025 06:05 AM	188.444	120	308.444	288.215	0	20.229	18	18763
08-09-2025 09:06 AM	20.229	50	70.229	20.32	0	49.909	1	18813
Total		18763		18753.268	0		1209	

ANNEXURE 18
Affidavit on EC Conditions

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NON JUDICIAL

₹200

₹200

കേരള സർക്കാർ
GOVERNMENT OF KERALA
e-Stamp

e-Stamp Serial Number : 202526000003855816

Verification Code : 838185907V

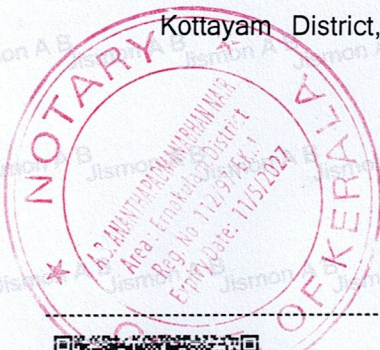
Govt. Reference No.(GRN) : KL025486719202526E
Purpose : Bond
Amount of Stamp Paper Purchased in Numeral : ₹ 200
Amount of Stamp Paper Purchased in Words : Rupees Two Hundred
Stamp Paper Purchased on : 15/09/2025 10:44:46
First Party Name : Jismon A B
First Party Address : Ambarappillil House, Muvattupuzha
Second Party Name : The Chairman
Second Party Address : The State Environment Impact Assessment Authority (SEIAA) Kerala
Vendor Code & Name : 12012077 - Gopakumar K A
Treasury Code & Name : 1201 - District Treasury, Muvattupuzha

Please write or type below this line

AFFIDAVIT

I, **JISMON A.B.**, S/o Bhaskaran, residing at Ambarappillil House, Muvattupuzha (P.O), Ernakulam - 686 661, Kerala, do hereby solemnly affirm and state as follows:

That I am the Project Proponent of the Granite Building Stone Quarry Project situated at Re-Sy Nos. 185/1 & 185/1-1, Vellilappilly Village, Meenachil Taluk, Kottayam District, Kerala, having an extent of 0.8300 Ha.



15/9/25
A. B. Ananthapadmanabhar, (Adv. Ananthan)

JISMON A.B.

Authorized Signatory



This can be verified by
https://www.estamp.treasury.kerala.gov.in/index.php/estamp_search using e-Stamp
Serial Number and Verification Code.

In case of any discrepancy, please inform the competent authority.

A. GOPAKUMAR
VENDOR
MOOVATTUPUZHA

That the State Environment Impact Assessment Authority (SEIAA), Kerala has granted Environmental Clearance for the said project vide File No. 12/2024, EC Identification No. EC24C0108KL5484220N, dated 17/08/2024.

That I hereby undertake and affirm that all the conditions stipulated in the Environmental Clearance proceedings, both Standard and Specific, shall be scrupulously followed during the execution, operation, and closure of the aforesaid project.

That I further undertake to submit compliance reports, environmental monitoring reports, and all statutory returns to the concerned authorities as per the conditions of the Environmental Clearance and in accordance with applicable laws.

That I am fully aware that violation of any of the stipulated conditions in the Environmental Clearance may lead to cancellation of the EC and legal action under the Environment (Protection) Act, 1986 and other applicable laws.

That the statements made herein above are true and correct to the best of my knowledge, belief, and information, and nothing material has been concealed therein.

Date: 15.09.2025



JISMON A.B


Authorized signatory

Attested before me

(Signature & Seal of Notary Public)



Bank No. 1
Sl. No. 20/19/25
Date 15/9/25
Attested: 80
Page No. 69
Received: 15/9/25


A. B. Ananthapadmanabhan (A. B. Ananthan)
District Notary
(Off) Ananthans Sreekailasom Ancillary
S. N. D. P. Junction, Muvattupuzha P. O.
(Res) Sreekailasom, Gandhinagar, H. No: 25
Muvattupuzha P. O., Mobile No: 9446739988