

M/S ASWATHY GRANITES PVT. LTD

COMPLIANCE REPORT

APRIL 2021 – SEPTEMBER 2021

PATHANAMTHITTA DISTRICT

KERALA

ASWATHY GRANITES Pvt. Ltd.

Murinjakal P O, Koodal, Pathanamthitta (Dist.), Kerala – 689 693
Tel: 8547867140, 9496591140, 9496596140 9496590140
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Date: 16-12-2021

To
The Additional Principal Chief Conservator of Forests (C)
Ministry of Environment, Forests & Climate Change,
4th Floor, E& F Wing, Kendriya Sadan,
Koramangala, Bangalore - 560034

Sub: **Environment Clearance – Quarry project at Koodal Village, Kalanjoor Panchayath, Adoor Taluk, Pathanamthitta District, Kerala – Compliance Report – first Half - Reg.**

Ref: **File No. 147/SEIAA/EC4/2748/2013**

Respected Sir,

The Quarry (Building stone) project was accorded Environmental Clearance for **9.3969 Ha.** by order No. **147/SEIAA/EC4/2748/2013** Dated: **10-08-2015** by State Environmental Impact Assessment Authority, Kerala. The compliance report of **First half (April 2021 – September 2021)** to the specific and general conditions of the Environment Clearance order is enclosed.

Thanking you,
Yours respectfully,
For, **M/s Aswathy Granites Pvt Ltd**

Sudheer Sukumaran (Director)

Copy to:

**The Member Secretary,
State Environment Impact Assessment Authority (SEIAA),
Thiruvananthapuram, Kerala.**

Encl: As Above

Reg. Office: 8/9-3, NRA-E-39, Aswathy, Cheruvaikal, Sreekariam P O, Thiruvananthapuram, Kerala - 695 017

COMPLIANCE REPORT
TO
THE CONDITIONS
OF
ENVIRONMENTAL CLEARANCE ORDER
NO: 147/SEIAA/EC4/2748/2013
Dated: 10-08-2015

BY
STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY
(SEIAA)
FOR
BUILDING STONE QUARRY
(MINOR MINERAL MINING) PROJECT

AT
SURVEY NO. 111/3pt, 110/8, 112/4, 111/4 pt, 111/5pt, 113/2, 112/5,
112/1-1, 112/1-2, 112/8-1, 112/8-2, 112/8-3, 112/2 and 112/7
KOODAL VILLAGE, KALANJOOR PANCHAYATH, ADOOR TALUK,
PATHANATHITTA DISTRICT, KERALA

BY
M/s ASWATHY GRANITES PVT LTD
PATHANAMTHITTA DISTRICT
KERALA

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INTRODUCTION

The quarry project of **M/s Aswathy Granites Pvt. Ltd.** is situated at survey No. 111/3pt, 110/8, 112/4, 111/4 pt, 111/5pt, 113/2, 112/5, 112/1-1, 112/1-2, 112/8-1, 112/8-2, 112/8-3, 112/2 and 112/7 at Koodal Village, Kalanjoor Panchayath, Adoor Taluk, Pathanathitta District, Kerala.

The quarry project was accorded with the Environmental Clearance (EC) by State Environmental Impact Assessment Authority on 10/08/2015. As part of general condition No.37 of Environmental Clearance order, half yearly compliance report needs to be submitted by the project proponent. The compliance report of First half to the specific conditions and general conditions of the Environmental Clearance order for the period of **April 2021 - September 2021** is being submitted.

COMPLIANCE REPORT

(SPECIFIC CONDITIONS)

PART A

PART - A – SPECIFIC CONDITIONS

01	A safe buffer distance of 100 meter shall be left from the side of the temple without conducting quarrying activities.	Complied
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Compliance:

The project proponent has left 110 meters of land from the side of temple as safe buffer distance as part of enhancing protection for the worship place. *Pakkandam Murugan Kovil*, is situated at eastern side of the quarry. The project will assure no quarrying activity is taking place in the safe buffer zone. The photograph of the temple is attached as **Plate No. 1**

02	Approach road should be widened and hard surfaced for facilitating transport of hard rock and machinery.	Complied
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Compliance:

To reduce emission of dust, the project proponent has tarred and concreted the approach road of 114 m to the quarry site. This road can prevent dust emission during transportation of vehicles. To make transportation easy, the approach road was widened. At present the road has 7 meters of width. Two vehicles can go along this road at a time without traffic problem. The photograph of Tarred road is provided in **Plate No.2.**

03	Eco- restoration should be made in the already mined pit now in possession of the proponent.	Complied
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Compliance:

The project proponent has restored the mined pit with overburden and topsoil. At present the project proponent has been cultivating seasonal crops and coconut in this area. The Photograph of the eco-restored area is attached as. **Plate No. 3.**

04	The steep faces presently seen on the working sides must be marked as danger zone. Protective fencing with sign boards should be provided to this danger zone.	Complied
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Compliance:

The area where the project proponent worked during SEAC site visit was restored as per specific condition number 3. At present this area has been using for cultivation. The project proponent has provided protective fencing over the top portion and placed a sign board of danger. The photograph of the cultivation in the area is attached as Plate no. 3.

05	Quarrying activities should be re located by providing haulage lines.	Complied
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Compliance:

The project proponent has relocated the quarrying activity as per the direction of SEAC. The project has constructed new haulage road for the transportation of vehicles and machinery to explore the minor minerals from the quarrying area, as per the direction of State Environment Impact Assessment Authority.

06	Reclamation and eco restoration should be done by planting indigenous tree species.	Complied
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Compliance:

. The project proponent has started to plant various indigenous tree species in and around the project site as part of reclamation of old mined out pits, green belt development, and compensatory plantation. The photograph of the trees planted in the project site is attached as **Plate no.4**. The project proponent has planted many tree saplings and other floral species in the project site.

COMPLIANCE REPORT

(GENERAL CONDITIONS)

PART B

PART – B – GENERAL CONDITIONS

01	Rain Water Harvesting capacity should be installed as per the prevailing provisions of KMBR / KPBR, unless otherwise specified elsewhere.	Complied
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Compliance:

In order to collect rainwater during the time of monsoon season all runoff from the quarry site is collected at the mined out pit. The project proponent has developed rain water harvesting ponds in the project site. The water from pond is mainly used for domestic purposes; plantation, wetting of roads and splashing of water for contain dust emission. The photograph showing the rain water collection pond in the project area is attached in **Plate No.5**.

02	Environment Monitoring Cell (EMC) as agreed under the affidavit filed by the proponent should be formed and made functional.	Complied
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Compliance:

To monitor and evaluate the works done under the conditions stipulated in the EC order, the project proponent formed an Environmental Monitoring Cell (EMC) with Mr. Sudheer Sukumaran as head of the monitoring cell. The EMC meeting convenes regularly for a sustainable environment. The details of the monitoring cell are given below in the **Table No.1**.

Environmental Monitoring Cell (EMC)

Sl. No.	Post	Name
1.	Head of the monitoring cell	Sudheer Sukumaran
3.	Environmental Officer in charge	Adv. Anil.K
4.	Asst. Environmental Officer for health	Navajath Karunakaran
5.	Asst. Environmental Officer for safety	Sudharman Anandan
4.	Environment Consultant	Environmental Engineers and Consultants Pvt. Ltd., New Delhi.

03	Suitable avenue trees should be planted along either side of the tarred road and open parking areas, if any, inclusive of approach road and internal roads.	Complied
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Compliance:

To reduce air pollution, the green belt can reduce the adverse effect of mining industry. To reduce air and noise pollution, the project proponent has planted various avenue trees along either side of the road. There are natural vegetations including trees, shrubs, herbs and climbers also present in the sides of road and parking area. The photographs of avenue trees planted in the road side are given in **Plate No.6**.

04	The project shall incorporate devices for solar energy generation and utilization wherever possible.	Complied
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Compliance:

To reduce the consumption of electricity from the conventional sources, the project has installed two solar street lights to use maximum renewable energy to reduce electrical consumption from KSEB. The electricity to the office of the project is fully generating from solar source. To make this, the project proponent has installed solar panels of 3.5 KW near to the project site and 16 KW panel has been installed near cattle farm. In addition, 13 solar street lights were installed in and around the project site. The photograph of solar street lights and solar panel is provided in **Plate No.7**. The bill copy of solar purchased is attached as **Annexure No. 1**

05	Sprinklers shall be installed and used in the project site to contain dust emissions.	Complied
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Compliance:

To reduce air pollution and to prevent dust emissions from the road while transportation of materials, the project proponent has been wetting with water on haulage road and critical areas with the help of vehicles in regular intervals. This help

to suppress dust during the time summer season. The photograph of wetting road by vehicle is attached as **Plate No. 8**.

06	Eco-restoration including the mine closure plan shall be done at the own cost of the project proponent.	Noted
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Compliance:

As part of eco restoration, the project proponent has started to plant various saplings within the project area. The mine closure plan will be done at own cost of project proponent as agreed in the proposal.

07	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 indigenous plant species that are eco-friendly.	Noted
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Compliance:

The project proponent is intending to retain 10 percent of total excavated pit as rain water storage area after closure of the mine. The remaining area will be reclaimed with stacked dumping of overburden and top soil. As part of its eco – restoration plan, the project proponent will plant indigenous plant species that are eco – friendly on the reclaimed area.

08	Corporate Social Responsibility (CSR) agreed upon by the proponent should be implemented in tune with the conditions specified in the Companies Act, 2013	Complied
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Compliance:

The project proponent has carrying out many activities for social integration and community development. The activities under Corporate Social Responsibility (CSR)/ Corporate Environmental Responsibility (CER) activities are executed in various sectors. The project proponent is carried out more activities under CSR/CER for inclusive growth in the community by giving Monthly Aid of food materials etc. The

proofs for CSR are given in **Annexure No. 2**. The details of activities performed in this period under CSR are given in the table.

Table No.2 - Performed activities under CSR

Sectors	Activities	Beneficiaries	Amount spent in Rs.
Health	Food provisions Donation Monthly Distribution	Ananthasai balasadhanam	25000
	Hospital expenses	Maniamma	57900
	Donation	Ngarajan	
Food kit distribution	Donation	April	216181
	Donation	May	221802
	Donation	June	221867
	Donation	July	227333
	Donation	August	228055
	Donation	September	227997
	Education	Donation	Mobile phone for online education
	Donation	Mobile phone for online education	7250
Infrastructure development	Donation	Prakash	2000
		Podiyan	2000
		Remya	5000
Total			1449635

09	Barbed metal wire fencing around the mining area shall be provided with a height of not less than 5 ft so that the falling of animals/human beings/dumping of garbages etc. does not happen.	Complied
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Compliance

To demarcate the lease area, the project proponent has installed fencing around the area where lease obtained. The complete installation of barbed metal wire fencing around the mining area is with height of 5 ft. This will help to prevent falling of animals/human being/dumping of garbage etc. The photograph of barbed metal wire fencing is provided in **Plate No.9**.

10	Warning alarms indicating the time of blasting (to be done at specific timings) has to be arranged as per stipulations of Explosive Department.	Complied
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Compliance:

As per the stipulation of Explosive department, the project proponent has installed warning alarms in the quarry site. This siren is blown before blasting and after blasting. The blasting timings are displayed in the prominent area by way of caution board. The photograph of sign board is given in **Plate No.10**.

11	Control measures on noise and vibration prescribed by KSPCB should be implemented.	Complied
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Compliance:

Control measures on noise and vibration prescribed by KSPCB is implemented. To reduce noise level in the project site, the project proponent has implemented mitigate masseurs. The major noise generating sources from the mining activity is working machineries, drilling, blasting and plying of vehicles. The following **control measures** are undertaken to bringing down the noise levels:-

- Proper maintenance of machinery and equipments
- The machineries like breaker and excavator has well sound proof cabin so that the machine operators can work without stress due to the sound.
- Personal protective devices i.e., earmuffs, ear plugs etc. are provided to workers working in high noise areas.
- The mining activity held in day time only.

Blast vibrations and control measures

- ❖ Controlled blasting technique is adopted in this project in order to reduce blast vibrations.
- ❖ The maximum charge per delay is not more than 10kg to limit the PPV values to 10mm/sec.
- ❖ Optimum delay sequence and stem to column ratio is maintaining to minimize the ground vibration intensity.
- ❖ The project proponent has appointed qualified persons to monitor the mining operations

12	Quarrying activities should be limited to day time as per KSPCB guidelines.	Complied
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Compliance:

Quarrying activities are limited to day time only as per KSPCB guidelines. This will help to limit the sound pollution. The quarry working time is 6.00 am to 6.0 pm. This will help to limit the sound pollution.

13	Blasting should be done in a controlled manner as specified by the regulations of explosives department or any other concerned agency.	Complied
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Compliance:

To reduce ground vibration, the blasting is done in controlled manner by using NoNEL technology. All blasting activities are carrying out with the stipulated guidelines of explosive department and other concerned agency.

14	A licensed person should supervise/control the blasting operations.	Complied
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Compliance:

To supervise/control exploitation of minor minerals including blasting at the project site the project proponent has appointed Mines manager, foreman and mining mates in the project site. **Annexure No. 3** is showing the certificate of licensed persons.

15	Access roads to the quarry shall be tarred to contain dust emissions that may arise during transportation of materials.	Complied
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Compliance:

To contain dust emissions and for the trouble free transportation of materials, the project proponent has Concreted 114 meter of the access road to the quarry site. The project proponent splashes water on the road to arrest the dust production during summer season. The project proponent is regularly maintaining the access road in a good manner. The photograph of road is attached as Plate No. 2.

16	Overburden materials should be managed within the site and the old quarries, if any, should be restored.	Complied
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Compliance:

The overburden and topsoil need to extract during the time of mining, these natural resources are stored at designated place within the project site. This will be used to restore the exploited area in future. The photograph of the overburden materials stored in the project site is attached as **Plate No.11**.

17	Height of the benches should not exceed 5m and width should not be less than 5m.	Complied
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Compliance:

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. **Plate No.12** showing the mining area at project site.

18	Mats to reduce fly rock blast to a maximum of 10 PPV should be provided.	Noted
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Compliance:

The project proponent is using blasting mat to reduce fly rocks during blasting. The project proponent is using NoNEL for blasting therefore there is no issue with fly

rock in the community and the project proponent also assure the maximum PPV is under 10. The photograph of the blasting mat is attached as **Plate No.13**.

19	Mining depth should not exceed beyond 40 m, unless otherwise specified or not below the level of the nearest stream bed, whichever is less.	Noted
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Compliance:

The mining depth does not exceed beyond 40 meter or not below the level of the nearest stream bed, whichever is less.

20	No mining operations should be carried out at places having a slope greater than 45°.	Noted
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Compliance:

No mining operation is carried out with a slope greater than 45°.

21	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 standards given by CPCB/KSPCB.	Complied
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Compliance:

To reduce the impact of sound to the labours in the unit, the project has provided ear plugs. Vegetation around the mining area is being helped to reduce noise and air pollution. This helps the noise level kept within prescribed standards.

22	The workers on the site should be provided with the required protective equipments such as ear muffs, helmet, etc.	Complied
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Compliance:

To ensure the safety of workers in working site the project proponent has provided adequate Personnel Protective Equipments (PPE) such as helmets, ear

plugs, safety belts, gloves, etc. The photograph of the workers with PPE is given in the **Plate No. 14.**

23	Garland drains with clarifiers to be provided in the lower slopes around the core area to channelize storm water.	Complied
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Compliance:

The project proponent ensured that all storm water from the mining area flow in to the clarifier created at the lower slopes through garland drain. The storm water chanalized to the Rain water harvesting pond the sediments will settle down in the bottom of the pond. The over flow from the clarifier is directed to pond constructed at the lower side of at the project site. The Photograph of the garland drain is attached as **Plate No. 15** and the photograph of the clarifier is attached as **Plate No.16.**

24	The transportation of minerals should be done in covered trucks to contain dust emissions.	Complied
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Compliance:

The project proponent assure that the trucks are covered to avoid dust emission from the vehicle while transportation of materials. The photograph of the covered truck is provided as **Plate No. 17.**

25	The proponent should plant trees at least 5 times of the loss that has occurred while clearing the land for the project.	Being complied
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Compliance:

The project proponent started to plant various saplings in the project area as a compensation of loss of trees while the project is clearing the land for mining. The details of saplings planted in the project site are provided in **Annexure No.1.**

26	Disposal of spent oil from diesel engines should be as specified under relevant Rules/Regulations.	Complied
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Compliance:

A portion of spent oil is being used as lubricant in the project site. The excess used oil sold only to the approved recyclers. The project proponent is keeping the used oil in a earmarked area, the photograph of the area is attached as **Plate No. 18**.

27	Explosives should be stored in magazines in isolated place specified and approved by the explosives department.	Complied
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Compliance:

As part of safety, Explosives are stored in magazine. The magazine situated in an isolated place specified and approved by the explosives department. The area surrounded to the magazine is fenced with barbed metal wire. The photograph of the magazine is attached as **Plate No.19**.

28	Norms of KSPCB should be adhered to regarding distance criteria of residences, roads, rivers and worship places.	Complied
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Compliance:

To reduce the adverse impact on community life, the norms of Kerala State Pollution Control Board regarding the distance criteria of residences, roads, rivers and worship places is adhered by the project. The distance of the nearest house is 110 meters form the quarry.

29	200 m buffer distance should be maintained from forest boundaries.	Noted
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Compliance:

There is no forest within the vicinity of the proposed lease area.

30	Consent from Kerala Pollution Control Board under water and Air act(s) should have been obtained before initiating activity.	Complied
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Compliance:

The project proponent has obtained consent from KSPCB under Water and Air Act(s). The copy of certificate of “*Consent to Operate*” (Renewal) from Kerala State Pollution Control Board is provided in **Annexure No.5**

31	All other statutory clearances should have been obtained, as applicable, by project proponents from the respective competent authorities including that for blasting and storage of explosives.	Complied
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Compliance:

The certificates obtained from concerned statutory authorities are enclosed in **Annexure No.4, 5, 6, 7 & 8.**

TABLE No. 3. DETAILS OF APPROVALS

Name of the Statutory approval	Name of the Statutory authority
Environmental Clearance order Valid up to 09-08-2020 and one year extension due to Covid 19	State Environmental Impact Assessment Authority, Kerala
“ <i>Consent to Operate</i> ” (Renewal) <i>09-08-2020 and one year extension</i>	Kerala State Pollution Control Board
Explosive License Valid up to 31-03-2026	Ministry of Commerce & Industry – Petroleum & Explosives Safety Organization
License for quarry operations Valid up to 31-03-2021	<i>Gram Panchayath</i>
Quarrying lease Valid up to 23-04-2027	<i>Govt of Kerala</i>

32	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Authority.	Noted
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Compliance:

In case of any change(s) in the scope of the project, the proponent will apply for fresh appraisal to get the Environmental Clearance.

33	The Authority reserves the right to add additional safe guard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environmental (Protection) Act 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.	Noted
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Compliance:

To enhance environmental sustainability and conserve natural resources, the project proponent is willing to add all possible additional safe guard measures subsequently if the authority found necessary.

34	The stipulations by Statutory Authorities under different Acts and Notifications should be complied with, including the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act 1981, The Environment (Protection) Act, 1986, the public liability (Insurance) Act, 1991 and EIA notification, 2006.	Noted
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Compliance:

The stipulated orders and directions under different act and notification including EIA notifications are being scrupulously followed. A brief list of various Acts and notifications which are followed by the proponent is given below

1. **The Environment Protection Act,1986**
2. **Water (Prevention and Control of Pollution) Act, 1974**
3. **The Air (Prevention and Control of Pollution) Act, 1981**
4. **The Public Liability (Insurance) Act,1991**
5. **Municipal Solid Waste (Management and Handling) Act,2016**
6. **Hazardous and Other Wastes (Management and handling) Rules, 2016.**
7. **EIA notification, 2006**
- 8.

35	The project proponent should advertise in at least two local news papers widely circulated in the region, one which (both advertisement	Complied
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	and the newspaper) shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the Department of Environment and Climate Change, Govt. of Kerala and may also be seen on the website of the Authority at www.seiaakerala.org . <u>The advertisement should be made within 10 days from the date of receipt of the Clearance letter and the copy of the same signed in all pages should be forwarded to the office of this authority as confirmation.</u>	
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Compliance:

An advertisement in two local newspapers regarding Environmental Clearance accorded to the quarry project was given within the stipulated period and the copy of the same was submitted at SEIAA Kerala. The copy of the advertisement given in two local newspapers is provided at **Annexure No.9**. The details are given below in the table.

Table No. 4. Details of advertisement in news papers

Sl. No.	News paper	Language	Date of edition
1	Malayalam Manorama	Malayalam	16-09-2015
2	The New Indian Express	English	16-09-2015

36	A copy of the clearance letter shall be sent by the proponent to concerned Grama/District Panchayath / 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 put on the website of the company by the proponent.	Compiled
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Compliance:

A copy of the Environment Clearance letter was submitted to the Panchayat Office. The project proponent did not receive any suggestions / representation from anywhere while the processing the proposal therefore did not give the copy of

clearance letter to anyone. The copy of acknowledgement from Gram Panchayat is provided in **Annexure No.10**.

37	The proponent shall submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) and upload the status of compliance of the stipulated EC conditions including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the respective Regional Office of MoEF, Govt. of India and also the Directorate of Environment and Climate Change, Govt. of Kerala.	Compiled
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Compliance:

The compliance report is being submitted to the State Environmental Impact assessment Authority, Kerala and the Regional Office of MoEF&CC, Govt. of India with the results of monitored data as mail. The result of monitored data is provided in **Annexure No. 11, 12 & 13**

38	The details of Environmental Clearance should be prominently displayed in a metallic board of 3 ft x 3ft with green background and yellow letters of Times New Roman font of size of not less than 40.	Compiled
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Compliance:

The details of the Environmental Clearance are displayed on metallic board in the project site. The metallic board as specified in the conditions of Environmental Clearance order of 3 ft x 3 ft with green background and yellow letters of Times New Roman font. Same is attached as **Plate No. 20**.

39	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.	Compiled
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Compliance:

An assurance in the form of affidavit was already submitted to SEIAA Kerala. The copy of the same is attached as **Annexure No.14**.

40	The above conditions shall prevail notwithstanding anything to the contrary, in consistent or simplified contained in any other permit, license on consent given by any other authority for the same project.	Compiled
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Compliance:

The all conditions stipulated in the EC orders has been scrupulously followed by the project proponent.

PLATES

Plate No.1



Photograph of Temple

Plate No.2



Tarred road to the quarry

Plate No.3



Eco restored area

Plate No.4



Cultivation

Plate No.5



Rain water harvesting pond

Plate No.6



Avenue Tress

Plate No.7



Solar Street light/panels

Plate No.8



Wetting road using vehicle

Plate No.9



Fencing

Plate No.10



Sign board

Plate No.11



Overburden

Plate No.12



Mining area

Plate No.13



Blasting Mat

Plate No.14



Labours with PPE

Plate No.15



Garland drains

Plate No.16



Clarifiers

Plate No.17



Covered trucks

Plate No.18



Used oil storage area

Plate No.19



Magazine

Plate No.20



Metallic board

ANNEXURE

Annexure No.1

Tin No: 33745683448 Ph: 9846373053
~~0946373053 (M)~~ 2

CASH/CREDIT BILL

MINNU'S ELECTRONICS & SOLAR ENERGY SYSTEM
 KALANJOOR, ATHIRUMKAL & TENKASI
 (All Types Solar Accessories Sales & Service)

No. **204** Date **24/5/2016**

To **Aswathy Granites Pvt Ltd Athirumkal, Kerala**

Sl. No.	Particulars	Qty.	Rs.	Ps.
20160 150726	Solar, 30w. Led top assembly	1	30000	
Ch: No.	012066 - dtd 30/5/16			
MINNUS SOLAR ENERGY SOLUTIONS Chitter Korini - Pathanamthitta				
TOTAL		1	30000	0

For: MINNU'S ELECTRICALS

Copy of solar purchased

Annexure No.2

ANANTHASAI BALASADANAM
 JJ Act Reg. No. 286/2017 (A Sevabharathi Institution) Reg. No. 688/82
 Sakthi Nivas, TC 80/2384 (New), Mithranandapuram, West Fort, Thiruvananthapuram-695 023
 Ph: 0471-2462977, E-mail : ananthesaibalasadanam@gmail.com

No. **2270** **RECEIPT** Date: 15/05/21

Received with thanks from Sri. Sudheer Sukumaran
Aswathy Granites, Munninjayil, Pathanamthitta
 A sum of Rupees Five Thousand Rupees only
 by Cash/ Cheque/ DD No. Cash dated 15/05/21
 towards Annadhana Nidhi / Seva Donation.

₹ 5000/- All donations will be allow as a deduction to the donor under section 80G (5)(vi) of the Income Tax Act C.No. 302/80G Renewal/ No.44/83-84 Ren. 4-1-2005/2007-2008 dated 25-2-2010

Manava Seva Madhava Seva Cheeth
 Secretary/Treasurer

ANANTHASAI BALASADANAM
 JJ Act Reg. No. 286/2017 (A Sevabharathi Institution) Reg. No. 688/82
 Sakthi Nivas, TC 80/2384 (New), Mithranandapuram, West Fort, Thiruvananthapuram-695 023
 Ph: 0471-2462977, E-mail : ananthesaibalasadanam@gmail.com

No. **2269** **RECEIPT** Date: 14/05/21

Received with thanks from S.R. Sudheer Sukumaran
Aswathy Granites, Munninjayil, Pathanamthitta
 A sum of Rupees FIVE THOUSAND RUPEES ONLY
 by Cash/ Cheque/ DD No. C.D.M dated 15/05/21
 towards Annadhana Nidhi / Seva Donation.

₹ 5000/- All donations will be allow as a deduction to the donor under section 80G (5)(vi) of the Income Tax Act C.No. 302/80G Renewal/ No.44/83-84 Ren. 4-1-2005/2007-2008 dated 25-2-2010

Manava Seva Madhava Seva Cheeth
 Secretary/Treasurer

GSTIN: 32CQHPP5807M1ZH **New Gulf House** Ph: 9847493843
Main Road, Pathanapuram-689 695, Kollam Dist. Invoice No. **273**
BILLOF SUPPLY State KERALA State Code 32 Date **14/7/21**

Details of Receiver Billed to Name and Address..... **Ashwathy Granites**

Despatching Mode _____ Vehicle No. _____ GSTIN _____

Sl.No.	Commodity	Qty.	Rate	Amount	Discount	Total Amount
1	Redmi 9A	1	7250			7250
2						
3						
4						
5						
6						
7						
8						
9						

Net Amount in words: _____ Net Amount **7250**

Original for Receipt * Duplicate for Supplier E&OE.

NEW GULF HOUSE
 0475-2352892
 PIN-32520840211
 PATHANAPURAM
 (Seal)

Certified that the particulars given above are true and correct
For New Gulf House
 Authorised Signatory

ag ASWATHY GRANITES Pvt.Ltd.
 Murinjakkal P.O., Koodal, Pathanamthitta (Dist) 689 693, Kerala
 Tel. 8547867140, 8547872140, Fax. 0468 2269727

Date: **05/08/2021**
 V.No.# **219 Aug**

Cash/Cheque Payment Voucher

Payee **Prakash, Aeya Bhavaran, Padalera**
 Being **paid for treatment of eye related diseases** Amount **2000/-**

Rs. **Two thousand only** **2000/-**

Bank _____ Cheque No. _____ Date **05/08/21**

AMOUNT DISTRIBUTION		Amount
Cost Center	Account	

Prepared _____ Checked _____ Approved-G.M. _____ Received **[Signature]**

Tax Invoice






Thirukochi Traders Private Limited Aswathy Cheruvaikal Sreekariam P.O. Thiruvananthapuram GSTIN/UIN: 32AAHCT8316J1Z7 State Name : Kerala, Code : 32 CIN: U51900KL2020PTC061959 E-Mail : thirukochitrade.in@gmail.com		Invoice No. GS/20-21/01	Dated 12-Apr-21
Consignee (Ship to) Aswathy Granites Pvt Ltd Athirumkla P.O,Koodal Pathanmthitt GSTIN/UIN : 32AAGCA4607G1Z4 State Name : Kerala, Code : 32		Delivery Note	Mode/Terms of Payment 30 Days
Buyer (Bill to) Aswathy Granites Pvt Ltd Athirumkla P.O,Koodal Pathanmthitt GSTIN/UIN : 32AAGCA4607G1Z4 State Name : Kerala, Code : 32		Reference No. & Date. 01 dt. 12-Apr-21	Other References
		Buyer's Order No.	Dated
		Dispatch Doc No.	Delivery Note Date
		Dispatched through	Destination
		Terms of Delivery	

Sl No.	Description of Goods	HSN/SAC	Quantity	Rate	per	Amount
1	TOOR DAL	07136000	230.000 KG	85.00	KG	19,550.00
2	GREEN PEAS	07131000	230.000 KG	110.00	KG	25,300.00
3	SUGAR	12129300	230.000 KG	38.00	KG	8,740.00
4	COCONUT OIL		215.000 LTR	98.00	LTR	21,070.00
5	MUSTARD	1207	230.000 KG	15.00	KG	3,450.00
6	GARLIC		23.000 KG	110.00	KG	2,530.00
7	CUMIN SEED	0909	230.000 KG	16.00	KG	3,680.00
8	CHILLY(VATTAL)	904	58.000 KG	160.00	KG	9,280.00

continued ...


This is a Computer Generated Invoice

Annexure No.3

 	
<p>Cert No. FMR/2894</p> <p>भारत सरकार/Government of India खान अधिनियम, 1952/Mines Act, 1952 खनन परीक्षा बोर्ड/Board of Mining Examinations प्रथम श्रेणी प्रबंधक सक्षमता प्रमाण-पत्र FIRST CLASS MANAGER'S CERTIFICATE OF COMPETENCY (केवल ओपेनकास्ट खानों तक सीमित) (Restricted to mines having opencast workings only) (धात्विकीय खान विनियम, 1961 के अन्तर्गत) (Under the Metalliferous Mines Regulations, 1961)</p>	
<p>श्री यल्लाप्रगदा एस गोपाल सुपुत्र वाई. सीतापती राव जिनकी जन्म तिथि 14.06.1970 है, को विहित अर्हताएं एवं अनुभव प्राप्त करने का सन्तोषजनक प्रमाण प्रस्तुत करने एवं सितम्बर, 2014 में आयोजित विहित परीक्षा में उत्तीर्ण होने पर एतद्वारा ओपेनकास्ट धात्विकीय खानों के प्रबंध हेतु प्रथम श्रेणी प्रबंधक सक्षमता प्रमाण-पत्र प्रदा यकृत जाता है। यह प्रमाण-पत्र 28.04.2015 से प्रभावी है।</p>	
<p>Shri Yellapragada S. Gopal son of M. Seethapathi Rao born on 14th June, 1970 having given satisfactory evidence of possessing the prescribed qualifications and experience and having passed the examination held in September, 2014 is hereby granted FIRST CLASS MANAGER'S CERTIFICATE OF COMPETENCY to manage the metalliferous mines having opencast workings only. This certificate is effective from: 28.04.2015</p>	
<p> सचिव खनन परीक्षा बोर्ड Secretary Board of Mining Examinations</p>	<p> अध्यक्ष खनन परीक्षा बोर्ड Chairman Board of Mining Examinations</p>
<p>Signed and Sealed Date: 28.04.2015</p>	


Certificate of First class manager

Cert No. FUE /1482


 सत्यमेव जयते

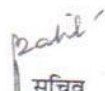
भारत सरकार/Government of India
 खान अधिनियम, 1952/Mines Act, 1952
 खनन परीक्षा बोर्ड/Board of Mining Examinations

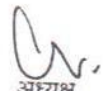
फोरमैन सक्षमता प्रमाण-पत्र
FOREMAN'S CERTIFICATE OF COMPETENCY
 (घात्विकीय खान विनियम, 1961 के अन्तर्गत)
 (Under the Metalliferous Mines Regulations, 1961)


 0190

श्री शिव कुमार सी सुपुत्र कुमाराश्वामी सी
 जिनकी जन्म तिथि 01.06.1989 है, को विहित अर्हताएं एवं अनुभव प्राप्त करने
 का सन्तोषजनक प्रमाण प्रस्तुत करने पर एतद्वारा फोरमैन सक्षमता प्रमाण-पत्र प्रदान किया जाता है।
 यह प्रमाण-पत्र दिनांक 26.08.2015 से प्रभावी है।

Shri *Shivakumar C* son of *Kumara Swamy C*
 born on 01st June, 1989 having given satisfactory evidence of possessing
 the prescribed qualifications and experience is hereby granted MINE FOREMAN'S
 CERTIFICATE OF COMPETENCY. This certificate is effective from 26.08.2015


 सचिव
 खनन परीक्षा बोर्ड
 Secretary
 Board of Mining
 Examinations



 अध्यक्ष
 खनन परीक्षा बोर्ड
 Chairman
 Board of Mining
 Examinations

Signed and Sealed
 Date 09-09-16

Certificate of foreman

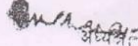
पु. बा. म. 1227
C. I. M. 1227

10027

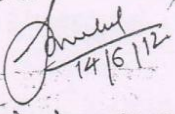

 खान अधिनियम, 1952
THE MINE'S ACT, 1952
 खान में मेट समर्थता प्रमाण-पत्र
MINING MATE'S CERTIFICATE OF COMPETENCY
 (आवक खान विनियम, 1961 के अधीन)
 (Under Metalliferous Mines Regulations, 1961)
 (केवल खल कार्यस्थल वाली धातवीय खानों तक सीमित)
 (Restricted to metalliferous mines having open-cast workings only)

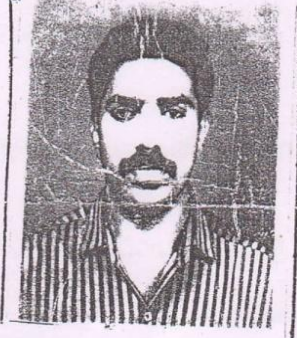
श्री , सुप
 (निवासी) ग.व , थाना
 जिला , राज्य
 जन्म तारीख ने अपनी आयु, स्वस्थता, सदाचार, साक्षरता और अनुभव का
 संतोषजनक प्रमाण दे दिया है और ता को
 में हुई परीक्षा पास कर ली है। उसे धातवीय खान विनियम, 1961 के अधीन उन धातवीय खानों के लिये जिनमें केवल खल कार्यस्थलों तक कार्य
 सीमित होता है खान में मेट समर्थता प्रमाण-पत्र दिया जाता है।
 Shri M. I. Sree Kumaran Thampi
 of Village Mangalath. , Thara Kollam.
 District Kollam. , State Kerala
 born on 31st May 1967. , Son of Siri P.G. Lekshmanan.
 having given satisfactory evidence of his age, medical fitness, good conduct, literacy and experience and having passed on
 examination held at OORGAUM.KGF. , on 2nd July 1992.
 19..... is hereby granted a MINING MATE'S CERTIFICATE under the Metalliferous Mines Regulations
 1961, restricted to metalliferous mines having open-cast workings only.

खान परीक्षा बोर्ड
 Secretary,
 Board of Mining Examinations.
 तारीख/Date 12-7-92 1992.


 खान परीक्षा बोर्ड
 Chairman,
 Board of Mining Examinations.

अपने हाथ के अंगुठों का निशान
 Left hand thumb impression

valid upto 05-06-2017

 14/6/12



प्रमाणित किया जाता है कि उसकी परीक्षा की गई और उसे अदृष्टता, सन्तोष कृष्टि या अन्य किसी ऐसी शारीरिक या मानसिक अशक्तता से
 रहित पाया गया, जिसका उसके दक्षतापूर्वक कार्य निष्पन्न करने में बाधा पड़ने की संभावना हो।
 Certified that he was examined and found free from deafness, defective vision or any other infirmity, mental or
 physical, likely to interfere with the efficient discharge of his duties.
 1. On 17/08/97

Certificate of mining mate

Annexure No.4

III



Validity expires on 9-8-2020

**Proceedings of the State Environment Impact Assessment Authority
Kerala**

*Present : Prof. (Dr.) K.P. Joy, Chairman, Dr. J. Subhashini. Member. Sri. P. Marapandiyan .I.A.S Member
Secretary.*

Sub: SEIAA- Environmental Clearance for the proposed quarry project in Sy. Nos. 111/3 pt, 110/8, 112/4, 111/4 pt., 111/5 pt., 113/2, 112/5, 112/1-1, 112/1-2, 112/8-1, 112/8-2, 112/8-3, 112/2 and 112/7 at Koodal Village, Kalanjoor Panchayat, Adoor Taluk, Pathanamthitta District, by M/s Aswathy Granites Pvt. Ltd.- Granted . Orders issued.

STATE ENVIRONMENTAL IMPACT ASSESSMENT AUTHORITY

No. 147/SEIAA/EC4/2748/2013

dated, Thiruvananthapuram 10-8-2015

- Read:-*
1. Application dated 7-10-2013 submitted by Sri. Sudheer Sukumaran, Director, M/s Aswathy Granites, Padmalayam, Murinjakkal P.O, Pathanamthitta dist.
 2. Minutes of the 21st meeting of SEAC held on 4-11-2013.
 3. Minutes of the 24th meeting of SEIAA held on 22-11-2013.
 4. Minutes of the 25th meeting of SEAC held on 14/15- 2- 2014.
 5. Minutes of the 26th meeting of SEIAA held on 24-1-2014.
 6. Minutes of the 27th meeting of SEIAA held on 20-2--2014.
 7. Minutes of the 30th meeting of SEAC held on 6/7-6-2014.
 8. Minutes of the 32nd meeting of SEIAA held on 22-8-2014.
 9. Minutes of the 33rd meeting of SEIAA held on 24-9-2014.
 10. Minutes of the 35th meeting of SEAC held on 17/18-10-2014.
 11. Minutes of the 35th meeting of SEIAA held on 9-4-2015.
 12. Minutes of the 39th meeting of SEAC held on 14/15-5-2015
 13. Minutes of the 39th meeting of SEIAA held on 18-6-2015.

Environmental Clearance No. 54

Sri. Sudheer Sukumaran, Director, M/s Aswathy Granites Pvt. Ltd., vide his application received on 07.10.2013, has sought Environmental Clearance under EIA Notification, 2006 for the proposed quarry project in Sy. Nos. 111/3 pt, 110/8, 112/4, 111/4 pt., 111/5 pt., 113/2, 112/5, 112/1-1, 112/1-2, 112/8-1, 112/8-2, 112/8-3, 112/2 and 112/7 at Koodal Village, Kalanjoor Panchayat, Adoor Taluk (then), Pathanamthitta District, Kerala for an area of 9.3969 hectares. The project comes under Category B, Activity 1(a), (i) as per the Schedule of EIA Notification 2006 (since it is below 50 hectares) and as per O.M. No. L-11011/47/2011-IA.II(M) dated 18th May 2012 of Ministry of Environment and Forests. It is further categorized as Category B2 as per the O.M. No.

J-13012/12/2013-IA-II (I) dt. 24.12.2013 of Ministry of Environment and Forests, since the area of the project is below 25 hectares.

2. The proposed project site falls within $9^{\circ} 9' 10.23''$ N to $9^{\circ} 9' 26.32''$ N and $76^{\circ} 52' 2.91''$ E to $76^{\circ} 52' 21.86''$ E. The land use classification as per revenue records is private land. Out of the total 21.8532 hectares of land owned by the proponent, the lease area consists of 9.3969 hectares which is private land and present land use is quarrying activities. The current proposal is for the existing quarry and hence no alternate site was examined as the project is mineral specific. Forest land is not involved in the project. The proposed project is for quarrying of 5, 64,000 MTA of building stone from an area of 9.3969 hectares of land. The expected life of mine will be 19 years. The proposed project activity involves about 92% of the pit area for exploring building stone. At the end of life of mine, excavated pit will be backfilled and reclaimed and rehabilitated by plantation. The proposed project does not involve any underground mining activities. The mining will be done by open cast semi mechanized method. The bench height and width proposed is 5 m. The exploitation of mineral is being done from 195 m MSL to 135 m MSL in conceptual phase. The ultimate depth of the mine workings is estimated to be 135 m MSL. Part of the proposed land is already under mining and there is no top soil in those areas. The remaining land is having top soil and overburden with average thickness of 0.5 m – 1 m. Around 44,524 m³ of top soil will be generated from the proposed pit, which will be properly stacked at pre-determined place and will be utilized for plantation over the reclaimed areas. Around 89,048 m³ of overburden generated will be utilized in developing internal haul roads and at the end use the same will be used as soil base for reclamation/plantation. The sewage of 0.8 KLD generated from the mine office will be diverted to the septic tank followed by soak pit. The municipal solid waste generated from the labour quarter will be suitably disposed. The sludge generated from the septic tank will be dried and used as manure in plantation. The daily water requirement of 5 KLD will be met from existing open well /storm water collection pond. The total power requirement of 75 kW will be drawn from diesel engine. There will be fugitive emissions generated during material handling, transportation, loading, unloading, etc. that are proposed to be managed by regular water sprinkling on haul road, green belt development, avoiding overloading of vehicles, maintaining the speed of vehicles within prescribed limits and covering the load with tarpaulin sheets. At the end of life of mine, reclamation of the area (100%) will be carried out. Plantation with shrubs, herbs and trees will be done as part of eco-restoration work. Anticipating 50 % growth rate, at the end of life of mine 8000 trees will be grown in total area. Achankovil River is located at a distance of 9 km N, Valiyathode Thodu at a distance of 3 km S and Teak forest at a distance of 3 km N of the project site. The quarry is interlinked with a proposed crusher unit and M sand unit to be installed within the complex. As stated by the proponent, there is no litigation pending against the lease area / applicant of the lease area in any court of law. The total cost of the project is Rs. 4.34 Crores. Other details of the case are as under:

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BASIC INFORMATION OF THE PROJECT

<i>Distance from the adjacent quarry</i>	M/s City Stone, Karakkakuzhy, 2 km., S
<i>Details of project cost</i>	Rs. 4.34 Crores
Environmental parameters considered	
WATER	
Water requirement & sources	The total water requirement is about 5.0 KLD (Domestic – 1.0 KLD, Dust suppression – 2 KLD & Plantation – 2 KLD). The source of water is from storm water pond / wells.
RWH units proposed	Yes, Rain water collection pond
Facilities for liquid waste treatment	Not applicable
Impoundment, damming, culverting, realignment or other changes to the hydrology of watercourses or aquifers?	No impoundment, damming, culverting, realignment or other changes to the hydrology of surface water courses.
Water quality meeting requirements	Water quality meeting requirements after the treatment of water (filtration, disinfection & sedimentation).
Does it have provisions for use of recycled water	No
LAND	
Proximity to forest lands	No
Access road to the site – Width & Condition	7 m. tarred road, NE side
Storage of explosives /hazardous substances	Yes, Explosives will be stored as per Explosives Act/Rules.
Facility for solid waste mgmt	The municipal solid waste from the labour quarter will be suitably disposed.
Proneness of the area for landslides	No
Significant land disturbance resulting in erosion, subsidence & instability	No

3

Top soil, overburden etc.	Top soil – 44,524 cu.m. Overburden – 89,048 cu.m.
AIR	
Likely emissions affecting environment	Diesel engine emissions & emissions from movement of vehicles like dumpers, trucks, tankers etc. will also generate.
ENERGY	
Energy requirement	The total power requirement will be 75 kW for compressors, which will be drawn from diesel engine.
Energy sources	From diesel engine.
Extent of usage of alternative energy resources	No
BIODIVERSITY	
Presence of any endangered species or red listed category	No
Loss of native species and genetic diversity	Yes, For the quarrying activity all of native tree species, shrubs, herbs, climber etc. existing at site will be cleared.
Likely displacement of fauna	No
Any introduction of alien / invasive species	No
SOCIAL ASPECTS	
Proximity to nearest habitation	101 m. , N
CSR related to the project / allocation / time frame (details mandatory)	As a part of Corporate Social Responsibility, it is proposed to spend minimum of Rs. 6 Lakhs per annum for different activities in consultation with local Grama panchayat. Bio-diversity fund-1% of the profit of the company will be allotted for local bio-diversity management committee's developmental activity.
GENERAL	
Does it propose environment management plan	Yes
Does it have eco restoration programmes	Yes, The year wise programme of afforestation for the life of mine, about 8,000 trees will be planted.

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	The main aim of the green belt development is to restore the ecosystem to its original form to a maximum possible extent by designing the green cover with the same native species.
Litigation/court cases, if any, against the project (Provide details)	No

OTHER DETAILS OF THE PROJECT PROPOSAL

Right & nature of ownership of land	Private land
Is the property forest land/govt. land/own land	Own land
Details of Authorised Signatory	Mr. Sudheer Sukumaran Director M/s Aswathy Granites Pvt. Ltd. Padmalayam, Murinjakkal P.O. Pathanamthitta District Kerala - 689693. Phone No. 0468-2396536 Mob. No. 08547867140 Fax No. 0468-2269727 Email: asgranitespvtltd@gmail.com
Details of NABET approved EIA consultant organisation	M/s Enkay Enviro Services Pvt.Ltd. 24-B, Dadu Marg Gopal Bari, Ajmer Road Jaipur, Rajasthan-302001. Tel. No: 0141-4013996/ 4023996 / 4016996; Fax; 0141-4026996; Email: info@enkayenviro.com

3. The proposal was first considered by SEAC in its 21st meeting whereon the decision was to recommend with the following specific conditions:

- (i) A buffer distance of 100 m should be left from the side of the temple without conducting quarrying activities.
- (ii) Approach road should be widened and hard surfaced for facilitating transport of hard rock and machinery.
- (iii) Eco- restoration should be made in the already mined pit now in possession of the proponent.

4. SEIAA in its 24th meeting decided to call for documentary evidence as to the possession rights of the lands in question cadastral map and details of CSR activities proposed. On receipt those were examined in the 26th meeting and the case was returned to SEAC for verification and recommendations. 25th meeting of SEAC reported the documents as genuine and reiterated the earlier recommendations. 27th meeting of SEIAA directed the proponent to produce a map showing buffer zone of 100m left from the side of the temple and details of ecorestoration plan for the already mined pit now in his possession. The case was returned to SEAC to examine all these in detail and to report. 30th SEAC recommended the project with the previous 32nd meeting of SEIAA again considered the case and deferred for detailed examination. 33rd meeting decided to have for site inspection report of SEAC for considering the application and hence returned the application to SEAC to retransmit with the report of inspection. 35th meeting of SEAC examined the project with reference to the enquiry report based on a direction from government. As per Govt. letter no. 1501/A3/12/Envt dated 21.12.2012, an enquiry was conducted by Sri. John Mathai, Dr Oommen V. Oommen, Vice Chairman, Members of SEAC and Sri P. Sreekantan Nair, former Director, Department of Environment and Climate Change and Secretary, SEAC Kerala. The Committee had visited the site on 21.12.2012 and made the following observations:

- Though the quarry is in operation for some time, benches are not provided. Steep cuttings over 20 m are seen in the area which should be avoided for the safety. Hence future quarrying must be done by providing benches.
- The steep faces presently seen on the working face must be declared as danger zone. Protective fencing should be provided to this area. Quarrying activities should be relocated to other side. Fresh haulage lines should be provided from the eastern side.
- Storm water is being directed to the lower slope on the north without clarification. There is a need for channelizing this storm water through drains into the desiltation tanks. Desiltation and clarification tanks are not presently provided. Hence proper arrangement may be provided for desiltation and clarification of storm water before it is let out of the premises.
- The limited quantity of over burden and top soil is not stacked for eco restoration. Arrangements may be done for the preservation of available overburden and top soil. The loose material may be provided with protective grass cover to prevent erosion.
- A place of worship was noticed near the quarry which is reported to be recent addition when quarry was in operation.
- At the end of quarrying, eco restoration of the quarry with suitable species and conservation of water in the deeper pits must be enforced.

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- The presence of contiguous abandoned pits that have not fully exploited the available resources is an eye sore. There is a need to exploit the available rock reserves and finally restore the area with greenery. The abandoned area is reported to be Govt. land. Efforts may be directed for the proper utilization of this land.

The following additional conditions were recommended in the 35th meeting of SEAC.

- The steep faces presently seen on the working sides must be marked as danger zone. Protective fencing with sign boards should be provided to this danger zone.
- Quarrying activities should be relocated by providing haulage lines.

5. 35th meeting of SEIAA examined the above recommendations and decided to call for approved mining plan as per Rules 9 and 33 of the Kerala Minor Concession Rules -2015. The proponent submitted the approved mining plan. The proposal was placed in the 39th meeting of SEAC held on 14th and 15th May 2015 as agenda item no. 39.06. The proponent informed the Committee that quarry is not functioning since the lease period is over. The proponent proposes to quarry 3,50,000 MTA/annum from 9.3969 ha of land for a period of 10 years. The crusher and m-sand unit are proposed and for that additional 15 KLD water will be required. The project proponent informed that the quarry is now in the newly formed Konni Taluk. He has produced certificate issued by Village officer regarding the same.

6. The Committee appraised the proposal based on the Mining Plan, Prefeasibility Report, and all other documents submitted along with the Form I application and decided to endorse the decision of the 35th meeting of SEAC held on 17th & 18th October, 2014 and recommended the issuance of Environmental Clearance with the following specific conditions, in addition to the general conditions stipulated for mining projects.

- The steep faces presently seen on the working sides must be marked as danger zone. Protective fencing with sign boards should be provided to this danger zone.
- Quarrying activities should be relocated by providing haulage lines.
- Reclamation and eco-restoration should be done by planting indigenous tree species.

7. The Authority considered the proposals as appraised and decided to grant E.C subject to the specific conditions, recommended for by SEAC, on production of cluster condition certificate from District Geologist Pathanamthitta and an affidavit of the proponent that the mining area is having a minimum distance of 200 meters from notified P.As W.L.S and ESAs and on CSR. The documents called for having been submitted and on being satisfied that there are no other quarry in operation within 500 meters of this quarry, and there is no notified protected areas, wild Life sanctuaries, or Ecologically Sensitive Areas within 200 meters from the periphery of the mining area and there is proper undertaking that the committed CSR activities will be implemented the State Environmental Impact Assessment Authority, Kerala hereby accord environmental clearance under the EIA notification 2006, for the quarry project of M/S Aswathy Granites (Pvt) Ltd, Murinjakkal P.O. Pathanamthitta

District- 689693 in 9.3969 ha of private land in Sy. Nos. 111/3 pt, 110/8, 112/4, 111/4 pt., 111/5 pt., 113/2, 112/5, 112/1-1, 112/1-2, 112/8-1, 112/8-2, 112/8-3, 112/2 and 112/7 at Koodal Village, Kalanjoor Panchayat, Konni Taluk, Pathanamthitta District with the following specific conditions , in addition to the general conditions stipulated for mining projects as appended hereto:

- (1) A buffer distance of 100 m should be left from the side of the temple without conducting quarrying activities.
- (2) Approach road should be widened and hard surfaced for facilitating transport of hard rock and machinery.
- (3) Eco- restoration should be made in the already mined pit now in possession of the proponent.
- (4) The steep faces presently seen on the working sides must be marked as danger zone. Protective fencing with sign boards should be provided to this danger zone.
- (5) Quarrying activities should be relocated by providing haulage lines.
- (6) Reclamation and eco-restoration should be done by planting indigenous tree species.

8. The clearance issued will also be subject to full and effective implementation of all the undertakings given in the application form , mitigation measures as assured in Chapter 4 of the Environment Management Plan and the mining features including progressive mine closure plan as submitted with the application and relied on for grant of this clearance. The above undertakings and the conditions and undertakings in chapter 4(Mining), Chapter 5 (Blasting), Chapter 6 (Mine Drainage), Chapter7 (stacking of mineral rejects and disposal of wastes) Chapter 11 (EMP) of the Mining Plan and the entire Progressive Mine Closure Plan as submitted will be deemed to be part of these proceedings as conditions as undertaken by the proponent, as if incorporated herein.

9. Validity of the environmental clearance will be five years form the date of this clearance, subject to earlier review in the event of violation or non- compliance of any of the conditions stipulated herein.

10. Compliance of the conditions herein will be monitored by the Directorate of Environment and Climate Change or its agencies and also by the regional office of the Ministry of environment & forests, Govt. of India, Bangalore.

i) Necessary assistance for entry and inspection should be provided by the project proponent and those who are engaged or entrusted by him to the staff for inspection or monitoring.

ii) Instances of violation if any shall be reported to the District collector, Pathanamthitta to take legal action under the Environment (Protection) Act 1986.

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iii) The given address for correspondence with the authorised signatory of the project is Sri.Sudherer Sukumaran, M/S Aswathy Granites Pvt Ltd, Padmalayam, Murinjakkal P.O, Pathanamthitta District, Kerala – 689693.

Sd/-

P. MARA PANDIYAN, I.A.S,
Member Secretary (SEIAA)
&
Principal Secretary
Environment & Forests Department.
Government of Kerala.

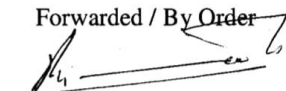
To,

Sri. Sudherer Sukumaran,
Director,
M/S Aswathy Granites Pvt Ltd,
Padmalayam,
Murinjakkal P.O,
Pathanamthitta Dist
Kerala – 689693.

Copy to:

MoEF Regional Office, Southern Zone, Kendriya Sadan, 4th Floor, E& F Wing,
IIBlock, Koramangala, Bangalore-560034.
Principal Secretary to Government, Environment Department
The District Collector, Pathanamthitta
The Director, Department of Environment & Climate Change.
The Director, Mining and Geology Department, Government of Kerala
The Secretary, Kalanjoor Grama Panchayat, Konni, Pathanamthitta district
Chairman, SEIAA
Website
Stock File
O/C.

Forwarded / By Order


Administrator, SEIAA

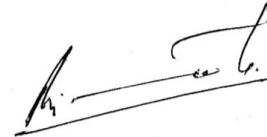
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STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY KERALA

GENERAL CONDITIONS (for mining projects)


- (i) Rain Water Harvesting facility should be installed as per the prevailing provisions of KMBR / KPBR, unless otherwise specified.
- (ii) Environment Monitoring Cell as agreed under the affidavit filed by the proponent should be formed and made functional.
- (iii) Suitable avenue trees should be planted along either side of the tarred road and open parking areas, if any, including of approach road and internal roads.
- (iv) Maximum possible solar energy generation and utilization shall be ensured as an essential part of the project.
- (v) Sprinklers shall be installed and used in the project site to contain dust emissions.
- (vi) Eco-restoration including the mine closure plan shall be done at the own cost of the project proponent.
- (vii) 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 indigenous plant species that are eco-friendly.
- (viii) Corporate Social Responsibility (CSR) agreed upon by the proponent should be implemented
- (ix) The lease area shall be fenced off with barbed wires to a minimum height of 4ft around, before starting of mine
- (x) Warning alarms indicating the time of blasting (to be done at specific timings) has to be arranged as per stipulations of Explosive Department.
- (xi) Control measures on noise and vibration prescribed by KSPCB should be implemented.
- (xii) Quarrying activities should be limited to day time as per KSPCB guidelines.
- (xiii) Blasting should be done in a controlled manner as specified by the regulations of Explosives Department or any other concerned agency.
- (xiv) A licensed person should supervise/ control the blasting operations.
- (xv) Access roads to the quarry shall be tarred to contain dust emissions that may arise during transportation of materials.
- (xvi) Overburden materials should be managed within the site and the old quarries, if any, should be reclaimed and restored.
- (xvii) Height of benches should not exceed 5 m and width should not be less than 5 m.
- (xviii) Mats to reduce fly rock blast to a maximum of 10 PPV should be provided.
- (xix) Maximum depth of mining from general ground level at site shall not exceed 10m
- (xx) No mining operations should be carried out at places having a slope greater than 45°.
- (xxi) Acoustic enclosures should have been 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 standards given by CPCB/KSPCB.
- (xxii) The workers on the site should be provided with the required protective equipment such as ear muffs, helmet, etc.
- (xxiii) Garland drains with clarifiers to be provided in the lower slopes around the core area to channelize storm water.
- (xxiv) The transportation of minerals should be done in covered trucks to contain dust emissions.
- (xxv) The proponent should plant trees at least 5 times of the loss that has been occurred while clearing the land for the project.
- (xxvi) Disposal of spent oil from diesel engines should be as specified under relevant Rules/ Regulations.
- (xxvii) Explosives should be stored in magazines in isolated place specified and approved by the Explosives Department.
- (xxviii) A minimum buffer distance of 100m from the boundary of the quarry to the nearest dwelling unit or other structures, not being any facility for mining shall be provided
- (xxix) 200 m buffer distance should be maintained from forest boundaries.
- (xxx) Consent from Kerala State Pollution Control Board under Water and Air Act(s) should be obtained before initiating activity.
- (xxxi) All other statutory clearances should be obtained, as applicable, by project proponents from the respective

- competent authorities including that for blasting and storage of explosives.
- (xxxii) In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Authority.
- (xxxiii) The Authority reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.
- (xxxiv) The stipulations by Statutory Authorities under different Acts and Notifications should be complied with, including the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006.
- (xxxv) The project proponent should advertise in at least two local newspapers widely circulated in the region, one of which (both the advertisement and the newspaper) shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the Department of Environment and Climate Change, Govt. of Kerala and may also be seen on the website of the Authority at www.seiaakerala.org. The advertisement should be made within 10 days from the date of receipt of the Clearance letter and a copy of the same signed in all pages should be forwarded to the office of this Authority as confirmation.
- (xxxvi) A copy of the clearance letter shall be sent by the proponent 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 put on the website of the company by the proponent.
- (xxxvii) The proponent shall submit half yearly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) and upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the respective Regional Office of MoEF, Govt. of India and also to the Directorate of Environment and Climate Change, Govt. of Kerala.
- (xxxviii) 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 of 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
- (xxxix) 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.
- (xl) The above conditions shall prevail notwithstanding anything to the contrary, in consistent, or simplified, contained in any other permit, license on consent given by any other authority for the same project




EC order

Annexure No.5



KERALA STATE POLLUTION CONTROL BOARD

FILE NO. :PCB/PTA/ICO/QR/182/237431/2014
Date of issue : 24/12/2020

INTEGRATED CONSENT TO OPERATE - RENEWAL

Consent No : QCO/PTA/214/R2/2020

Ref : 1.CONSENT NO:QCO/PTA/214/R1/2019, DATE OF ISSUE:02/02/2019,VALID UPTO: 09/08/2020
2.ONLINE APPLICATION NO:14693815

The 'Integrated Consent to Operate' issued as per reference above to M/s QUARRY OF ASWATHY GRANITES Pvt Ltd., MURINJAKAL P.O., KOODAL, KONNI, PATHANAMTHITTA is hereby renewed up to 31/03/2021 and issued to M/s QUARRY OF ASWATHY GRANITES Pvt Ltd., MURINJAKAL P.O., KOODAL, KONNI, PATHANAMTHITTA. The consent(s)/ variation order(s) cited under reference are integral part of this renewal order and this order is subject to the conditions stipulated therein and the following modifications/ additions.

I. GENERAL

S.No.	Items	Description
1	1.05. Survey Nos.	110/8, 111/3pt, 111/4pt, 115/5pt, 112/1-1, 112/1-2, 112/2, 112/7, 112/4, 112/5, 112/8-1, 112/8-2, 112/8-3, 113/2
2	1.06. Extent of area	9.3969 Hectares
3	1.12. Annual Fee, Fee Remitted	Rs.70,000/year, Rs.100/- + Rs. 4,01,200/- (Excess fee in previous application), Balance Excess Fee = Rs2,96,300/-
4	1.13. Capital Investment (Rs. in lakhs)	900
5	1.16. Machinery Details	(1) Excavator with Bucket – (7Nos .)- 130 HP each , (2) Excavator with Breaker –(3 Nos.) - 130 HP each ,(3) Box Compressor – (4 Nos.)- 86 HP each, (4) Tractor with Compressor-(4 Nos.)-86 HP each

II. Stack Details

Stack No.	Source of Emission	Emission Rate(Nm3/Hr)	Stack Height above		Control Equipment
			Ground Level(In Meters)	Roof Level(In Meters)	

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III. CONDITIONS

1. This consent is granted based on the application, affidavit, particulars submitted by the applicant and MoEF notification No. S.O. 4254(E) dated 27.11.2020 and subject to the power of the Board to review and make variation in or revoke the conditions as the Board deems fit.
2. The Consent unless withdrawn earlier and subject to condition no.1 shall be valid up to 31/03/2021. For renewal of consent, online application in the prescribed form shall be submitted to the Board on or before 31/01/2021 along with copy of this consent. Late applications will be accepted only with a fine/late fee as per norms.
3. The applicant shall comply with the instructions that the Board may issue from time to time regarding prevention and control of air, water and land pollution.

All other conditions of the Integrated Consent to Operate issued as per reference above remain unchanged.

DATE : 24/12/2020

SUCHITRA V Digitally signed by SUCHITRA V
Date: 2020.12.24 14:54:44 +05'30'

SIGNATURE & SEAL OF ISSUING AUTHORITY
ENVIRONMENTAL ENGINEER



To
Sri.Sudheer Sukumaran
Padmalayam
Murinjakkal P.O.
Koodal,Konni
Pathanamthitta - 689693

1. This digitally signed document is legally valid as per the Information Technology Act, 2000
2. For verifying this document please go to krocmms.nic.in and search using date of issue/name of the unit/Application Number in "Consent Granted Applications" link in the home page of the Board's Online Consent Management and Monitoring System.

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Consent to Operate

Annexure No.6



भारत सरकार | Government of India
 वाणिज्य और उद्योग मंत्रालय | Ministry of Commerce & Industry
 पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पेसो) | Petroleum & Explosives Safety Organisation (PESO)
 पूर्व नाम- विस्फोटक विभाग | Formerly - Department of Explosives
 केन्द्रीय भवन, ब्लॉक सी-2, तीसरी मंजिल | Kendriya Bhavan, Block C-2, 3rd Floor
 CSEZ पी.ओ.कक्कानाड कोच्ची | CSEZ PO Kakkanaad Dist. Ernakulam Ernakulam 682037
 फ़ोन (Phone)- 2427286 | फ़ैक्स (Fax)- 2427276
 ई-मेल Email: dycceernakulam@explosives.gov.in

संख्या (No.): E/SC/KL/22/1359(E65090)

दिनांक (Date): 07/01/2021

संवा में | To,

sudheer Sukumaran,
 Padmalayam, Murinjakkal P.O, Koodal, Pathanamthitta District - Kerala, Town/Village - Koodal
 District-PATHANAMTHITTA, State-Kerala, Pincode -

विषय | Survey No.343/1 Block No.30, ग्राम Koodal (v)Adoor Taluk, District Pathanamthitta, जिला PATHANAMTHITTA, राज्य Kerala में विस्फोटक के मैगजीन में उपयोग के लिए कब्जा हेतु विस्फोटक नियम, 2008 के अंतर्गत LE-3 में जारी अनुज्ञापति सं E/SC/KL/22/1359 (E65090) के नवीनीकरण संदर्भ में।

Subject: Possession for Use of Explosives from magazine situated at Survey No.:343/1 Block No.30, Koodal (v)Adoor Taluk, District Pathanamthitta, Dist. PATHANAMTHITTA, Kerala -Licence No.: E/SC/KL/22/1359(E65090) granted in Form LE-3 of Explosives Rules, 2008 - Renewal regarding

महोदय | Sir,

आपका उपर्युक्त विषय पर पत्र संख्या 35410 दिनांक 29/12/2020 का संदर्भ ग्रहण करें। विस्फोटक नियम, 2008 के अंतर्गत प्ररूप LE-3 में जारी अनुज्ञापति दिनांक 31/3/2026 तक नवीनीकृत कर इस पत्र के साथ भेजी जा रही है।
 Reference to your letter No.: 35410 dated: 29/12/2020, the subject licence duly renewed upto 31/3/2026 and issued in Form LE-3 of Explosives Rules, 2008 is forwarded herewith.

Conditions:

1) QUARRYING SHALL BE STARTED USING EXPLOSIVES ONLY AFTER GRANT OF QUARRYING LEASE FROM THE DIRECTOR OF MINING & GEOLOGY. PLEASE NOTE THAT THE USE OF EXPLOSIVES IN THE QUARRIES SHALL BE AS PER THE DIRECTION OF DGMS, BANGALORE AS REQUIRED UNDER MINES ACT 1952 AND METALIFEROUS MINES REGULATIONS 1961.

अनुज्ञापति के आगामी नवीकरण हेतु कृपया निम्नलिखित दस्तावेज दिनांक 31/03/ 2026 से पहले इस कार्यालय को भेजे जाएं।

For further renewal of licence, please submit the following documents so as to reach this office on or before 31/3/2026.

- प्ररूप आरई-1 में विधिवत पूर्ण एवं हस्ताक्षरित आवेदन।
Application in Form RE-1 duly filled in and signed.
- एक से पाँच वर्ष के अनुज्ञापति शुल्को का, विस्फोटक नियम, 2008 के तहत ऑनलाइन आवेदन पोर्टल पर उपलब्ध ई-भुगतान सुविधा के माध्यम से लाइसेंस शुल्क ऑनलाइन जमा किया जाना है।
Licence fees renewable for one to five years, to be submitted online through e-payment facility available on online application portal under the Explosives Rules, 2008.
- अनुमोदित प्लान के साथ मूल अनुज्ञापति।
Original licence with approved plan.
- कृपया इस संबंध में विस्फोटक नियम, 2008 के नियम 112 का भी संदर्भ ग्रहण करें।
In this connection, please also refer to Rule 112 of Explosives Rules, 2008.
- विस्फोटकों के क्रय हेतु आरई-11 में मांगपत्र (इंडेंट) आपूर्तिकर्ता को दिया जाए और उसी की एक प्रति इस कार्यालय को भेजी जाए (आतिशबाजी गोदाम के लिए लागू नहीं)।
Indent for purchase of explosives shall be placed in RE-11 with the supplier and copy of the same shall be sent to this office. (Not applicable for fireworks store house)
- कृपया विस्फोटकों की त्रैमासिक विवरणी हर तिमाही के अंत में आरई-7 में प्रस्तुत की जाए। विवरणी इस कार्यालय के कार्यालय में आगामी तिमाही के 10 तारीख से पहले पहुंच जानी चाहिए (आतिशबाजी गोदाम के लिए लागू नहीं)। Please submit quarterly returns of explosives in RE-7 at the end of every quarter so as to reach this office by 10th of the succeeding quarter. (Not applicable for fireworks store house)
- सभी ब्लास्टिंग आपरेशन एक सक्षम द्वारा की जाएगी जो उपरोक्त नियमों के तहत एक वैध शॉट फायर प्रमाणपत्र धारक हो। हालांकि, खान अधिनियम 1952 के अधीन आने वाले खानों में ब्लास्टिंग आपरेशन करने वाले ब्लास्टर की योग्यता उसी अधिनियम से निर्धारित हो।
All blasting operations shall be carried out by a competent person holding a valid shot firer's permit granted under above rules. However, blasting operations in mines coming under the purview of the Mines Act 1952, the blaster shall have qualifications prescribed in the regulations framed under the said Act.

भवदीय | Yours faithfully

(आर.वेणुगोपाल | Dr. R. Venugopal)

उप मुख्य विस्फोटक नियंत्रक | Deputy Chief Controller of Explosives

कोच्ची | Ernakulam
 उप मुख्य विस्फोटक नियंत्रक
 Deputy Chief Controller of Explosives
 कोच्ची (Kerala), सूचना के लिए (for information.)
 एर्नाकुलम | Ernakulam

प्रांतोलाप प्राप्त | Copy Forwarded to:

1. ज़िला माजिस्ट्रेट (District Magistrate), PATHANAMTHITTA (Kerala), सूचना के लिए (for information.)
उप मुख्य विस्फोटक नियंत्रक | Deputy Chief Controller of Explosives
कोच्ची | Ernakulam


अनुज्ञापिते 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 अनुज्ञापिते

Licence to possess : (c) for use,explosives of class 1, 2,3,4,5,6 or 7 in a magazine

अनुज्ञापित सं. (Licence No.) : E/SC/KL/22/1359(E65090)
वार्षिक फीस रूपए (Annual Fee Rs): 2400/-



Space for
photog
license
with si

1. Licence is hereby granted to
sudheer Sukumaran (आधिभागी / Occupier : Sudheer Sukumaran), Padmalayam, Murinjaka P.O,
Koodal, Pathanamthitta District - Kerala, Town/Village - Koodal, District-PATHANAMTHITTA,
State-Kerala, Pincode -

को अनुज्ञापिते अनुदत्त की जाती है।

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

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

4. अनुज्ञापिते 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 Sr. No.	नाम और विवरण Name and Description	वर्ग और प्रभाग Class & Division	उप-प्रभाग Sub-division	मात्रा किसी एक समय में Quantity at any one time
1.	Nitrate Mixture	2,0	0	500 Kg.
2.	Safety Fuse	6,1	0	4000 Mtrs
3.	Detonators	6,3	0	10000 Nos.

(ख) किसी एक कलेंडर मास में खरीदे जाने वाले विस्फोटक की मात्रा [अनुच्छेद 3(ख) और (ग) के अधीन अनुज्ञापिते के लिए] : **20 times as above.**

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

5. निम्नलिखित रेखाचित्र (रेखाचित्रों) से अनुज्ञापिते परिसर की पुष्टि होती है।
The licensed premises shall conform to the following drawing(s):
रेखाचित्र क्र. (Drawing No.) E/SC/KL/22/1359 (E65090)
दिनांक (Dated) 02/01/2012

6. अनुज्ञापिते परिसर निम्नलिखित पते पर स्थित हैं। The licensed premises are situated at following address:
Survey No. 343/1 Block No.30, ग्राम (Town/Village) : **Koodal (v) Adoor Taluk, District Pathanamthitta**
जिला (District) **PATHANAMTHITTA** राज्य (State) **Kerala** पिनकोड (Pincode)
दूरभाष (Phone) **9447439826** ई. मेल (E-Mail) **Koodal** फेक्स (Fax)

7. अनुज्ञापिते परिसर में निम्नलिखित सुविधाएं अंतर्विष्ट हैं।
The licensed premises consist of following facilities.
PORTABLE MAGAZINES OF A TYPE (006) FABRICATED BY M/S. EVEREST GRANITES, ERNAKULAM, D TYPE (Sr NO 340) AND ONE E TYPE (Sr No 479) FABRICATED BY M/S THEKKANS ENGINEERING AND FABRICATION WORKS, ERNAKULAM, KERALA

8. अनुज्ञापिते 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.

- 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.
- अनुज्ञापिते प्राधिकारी व्दाररा हस्ता.क्षरित इस अनुज्ञापिते की शर्तों और अतिरिक्त शर्तों।
Conditions and Additional Conditions of this licence signed by the licensing authority.
- दूरी प्ररूप DE-2 | Distance Form DE-2.

9. यह अनुज्ञापिते तारीख **31 मार्च 2016** तक विधिमान्य रहेगी। This licence shall remain valid till **31st day of March 2016.**

यह अनुज्ञप्ति, अधिनियम या उसके अधीन विरचित नियमों या अनुसूची V के भाग 4 के प्रति निर्दिष्ट सेट-VII के अधीन तथा उपवर्णित इस अनुज्ञप्ति की शर्तों का अधिक्रमण करने या यदि अनुज्ञप्त 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 - 02/01/2012

Sd/-
संयुक्त मुख्य विस्फोटक नियंत्रक | Joint Chief Controller of
Explosives
South Circle, Chennai

Amendments :

- Amendment in Drawings/Facilities/Premises dated : 30/03/2017
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 20/07/2017
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 26/07/2017
- Amendment in Drawings/Facilities/Premises dated : 26/07/2017
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 08/02/2018

Transfers :

- Change in Licensee Name/Address/Status dated : 09/03/2015

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
07/01/2021	31/03/2026	Dy. Chief Controller of Explosives, Ernakulam उप मुख्य विस्फोटक नियंत्रक Deputy Chief Controller of Explosives एरनाकुलम Ernakulam

कानूनी चेतावनी : विस्फोटकों को गलत ढंग से चलाने या उनका दुरुपयोग विधि के अधीन गंभीर दंडिक अपराध होगा।

Statutory Warning : Mishandling and misuse of explosives shall constitute serious criminal offence under the law.

(सेट VIII | Set VIII)

मैगजीन में वर्ग 1,2,3,4,5,6, और 7 के विस्फोटकों को बिक्री या प्रयोग हेतु रखने के लिए प्ररूप एल.ई. 3 (अनुच्छेद 3 (ख) से (ग)) में मुख्य विस्फोटक नियंत्रक या विस्फोटक नियंत्रक द्वारा प्रदान किए जाने वाले अनुज्ञापति सं. E/SC/KL/22/1359(E65090) की शर्तें निम्नलिखित हैं।

The following are the conditions of licence number E/SC/KL/22/1359(E65090) to possess for sale or use, explosives of Class 1,2,3, 4, 5, 6 and 7 in a magazine in Form LE-3 (articles 3(b) to (c)) granted by Chief controller of Explosives or Controller of Explosives.

- परिसर में किसी भी समय विस्फोटकों की मात्रा अनुज्ञापन योग्य सामर्थ्य से अधिक नहीं होगी।
The quantity of explosives on the premises at any one time shall not exceed the licensable capacity.
- विस्फोटकों के भंडारण के लिए प्रयुक्त होने वाली मैगजीन अनुसूची III और अनुज्ञापति के उपाबंध में विनिर्दिष्ट सुरक्षा दूरी बनाए रखना होगा।
The magazine used for storage of explosives shall maintain safety distance specified in Schedule III and annexure to the licence.
- मैगजीन का प्रयोग उन सभी विस्फोटकों के, जो इस अनुज्ञापति में विनिर्दिष्ट है, रखे जाने के लिए और ऐसे रखे जाने से संबद्ध आधान या औजार या उपकरणों के रखे जाने के लिए ही किया जाएगा; अन्यथा नहीं।
The magazine shall be used only for keeping all explosives specified in this licence and of receptacles for, or tools or implements for work connected with the keeping of such explosives.
- पैकजों को खोलने का कार्य और विस्फोटकों को तोलने तथा पैक करने का कार्य मैगजीन में नहीं किया जाएगा।
The opening of packages and the weighing and packing of explosives shall not be carried on in the magazine.
- दो या दो से अधिक वर्णन के विस्फोटकों को, जिन्हें मैगजीन में रखे जाने की अनुज्ञा दी जा सकती है, मैगजीन में तभी रखे जाएंगे जब उनमें से प्रत्येक को, ऐसे पदार्थ या स्वरूप का कोई मध्यवर्ती विभाजक लगाकर या उनके बीच ऐसा मध्यवर्ती स्थान छोड़कर, परस्पर पृथक् कर दिया जाए कि किसी वजह से विस्फोटक में लगने वाली आग या होने वाला विस्फोट किसी अन्य वर्णन के विस्फोटक तक न पहुंच सके; परंतु—
(घ) 2 (नाइट्रेट मिश्रण), वर्ग 3 (नाइट्रो योगिक) के विभिन्न विस्फोटक, वर्ग 6 प्रथम प्रभाग के अंतर्गत आने वाले सुरक्षा पलीते और वर्ग 6 प्रभाग 2 के अंतर्गत आनेवाले विस्फोटक प्रेरक पलीते, जिनमें कोई खुला लोहा या इस्पात नहीं है, एक दूसरे के साथ बिना किसी मध्यवर्ती विभाजक या स्थायन के रखे जा सकते हैं।
(ङ) वर्ग 6 प्रभाग 3 के अंतर्गत आनेवाले विस्फोटक प्रेरक अलग रखे जाएंगे।
(च) वर्ग 1 के अंतर्गत आने वाले बारूद को अलग रखा जाएगा।
Two or more description or explosives which may be permitted to be kept in the magazine shall be kept only if they are separated from each other by an intervening partition of such substance or character, or by such intervening space, as will effectually prevent explosion or fire in the one communicating with the other; Provided that—
(d) the various explosives of Class 2 (nitrate-mixture), Class 3 (nitro-compound), safety fuses belonging to Class 6 Division 1 and detonating fuses belonging to Class 6 Division 2 as do not contain any exposed iron or steel, may be kept with each other without any intervening partition or space ;
(e) Detonators belonging to Class 6 Division 3 shall be kept separately.
(f) Gun powder belonging to Class 1 shall be kept separately.
- वर्ग 3 (नाइट्रो योगिक) के विस्फोटकों को, उनके विनिर्माण की तारीख से एक वर्ष बीत जाने के पश्चात सिवाय अनुज्ञापन प्राधिकारी की विशेष मंजूरी के मैगजीन में नहीं रखा जाएगा।
Explosives of Class 3 (nitro compound) shall not be kept in the magazine after the expiration of one year from the date of their manufacture except with the special sanction of licensing authority.
- वर्ग 3 (नाइट्रो योगिक) के विस्फोटकों को, उनके विनिर्माण की तारीख से एक वर्ष बीत जाने के पश्चात मैगजीन में तभी रखा जाएगा जब कि किसी विस्फोटक नियंत्रक ने इसके लिए विशेष मंजूरी दे दी हो।
(i) जब ऐसी मंजूरी दे दी गई हो तो प्रत्येक निरीक्षण पर किसी विस्फोटक नियंत्रक से ऐसा लिखित प्रमाणपत्र अभिप्राप्त कर लिया जाए जिसमें दी गई मंजूरी के अंतर्गत आनेवाली अवधि दर्शित की गई हो और ऐसे प्रमाणपत्र के अनुज्ञापतिधारी अपने पास रखेगा और मांग की जाने पर प्रस्तुत करेगा।
(ii) जब कोई विस्फोटक मानक शुद्धता का न रह जाने के कारण या द्रवणीकरण या नाइट्रो ग्लीअसरीन या द्रव नाइट्रो योगिक के निकल जाने के चिन्ह प्रकट होने के कारण मैगजीन में भण्डारित किए जाने के उपयुक्त नहीं रह जाता है तो अनुज्ञापतिधारी अपने ही व्यय पर ऐसे विस्फोटक के निपटारे के लिए ऐसे निदेशों का अनुपालन करेगा जो मुख्य नियंत्रक या विस्फोटक नियंत्रक जारी करें।
Explosives of Class 3 (nitro compound) shall not be kept in the magazine after the expiration of one year from the date of their manufacture except with the special sanction of the Controller of Explosives.
(i) When such sanction has been given, a written certificate showing the period covered by the sanction shall be obtained from the Controller of Explosives at each inspection, and shall be kept by the licensee and produced on demand.
(ii) When an explosive owing to its being no longer of standard purity or owing to signs of liquefaction or of exuded nitro-glycerin or liquid nitro-glycerin or liquid nitrocompound is no longer fit for storage in the magazine or store house the licensee shall comply, at his own expense, with such directions as to its disposal as the Chief Controller or Controller of Explosives may issue.
- मैगजीन के भीतरी भाग या उसमें लगी बेंचों, शैल्फों और उसकी फिटिंग का इस प्रकार सन्निर्माण किया जाएगा या उन्हें इस प्रकार अंतरित या अवतरित किया जाएगा कि विस्फोटक का किसी लोहे या इस्पात के साथ संपर्क रोका जा सके। भीतरी भाग में लगी बेंचें, शैल्फें और फिटिंग यथासाध्य ग्रिट से मुक्त एवं साफ रखे जाएंगे तथा ऐसे विस्फोटक, जो जल से खतरनाक रूप में प्रभावित हो सकते हैं, इस बाबत सम्यक सावधानी बरती जाएगी कि वहां कोई जल मौजूद न रहे; परंतु किसी लोहे या इस्पात के खुले होने के विरुद्ध सावधानी से संबंधित इस शर्त का वह भाग ऐसे किसी भवन में बाध्यकर नहीं होगा जिसमें वर्ग 6 (गोला बारूद) के प्रथम के विस्फोटक से भिन्न कोई विस्फोटक रखा गया है।

उप मुख्य विस्फोटक नियंत्रक
Deputy Chief Controller of Explosives
एरनाकुलम Ernakulam

The interior of the magazine and the benches, shelves and fittings therein shall be so constructed or so lined or covered as to prevent the exposure of any iron or steel contact with the explosives. Such interior, benches, shelves and fittings shall so far as is reasonably practicable, be kept free from grit and shall otherwise be clean; and in the case of any explosives liable to be dangerously affected by water, due precautions shall be taken to exclude water there from; Provided that so much of this condition as relates to precautions against the exposure of any iron or steel shall not be obligatory in a building in which no explosive other than explosive of the 1st Division 6th (Ammunition) Class is kept.

9. यदि तडित चालक का परीक्षण विस्फोटक नियंत्रक करता है तो अनुज्ञापिधारी ऐसे परीक्षण के लिए विहित फीस का सदाय करेगा यदि परीक्षण असमाधानकारी साबित होता है तो उतनी ही फीस अनुज्ञापिधारी द्वारा पश्चात्कर्ती प्रत्येक परीक्षण के लिए तब तक दी जाती रहेगी जब तक कि परीक्षण अधिकारी तडित चालक को समाधानप्रद घोषित नहीं कर देता :
परंतु किसी एक परीक्षण के लिए देय फीस किसी एक दिन के दौरान किसी चालक के किए गए सभी परीक्षणों के लिए प्रभावी होगी :

परंतु यह और कि यदि दो या अधिक तडित चालक एक ही मैगजीन से संबद्ध हैं तो ऐसे सभी चालकों के परीक्षण के लिए फीस ऐसी किसी फीस से अधिक नहीं होगी जो किसी एक तडित चालक के परीक्षण के लिए हर स्थिति में विहित की गई है ।

If the lighting conductor is tested by the Controller of Explosives, the licensee shall pay the fees prescribed for test. In the even of the test proving unsatisfactory, the same fees shall be payable by the licensee for each subsequent test until the lighting conductor is passed by the testing officer as satisfactory:

Provided that the fees payable for a single test shall be charged for all tests made on a conductor during any one day :

Provided further that where two or more lighting conductors are attached to one and the same magazine, the fee for the testing of all such conductors shall not exceed the fee prescribed in this condition for testing a single lighting conductor.

10. उपयुक्त तथा जेब रहित कार्यकरण वस्त्रों , उपयुक्त जूतों के प्रयोग द्वारा तथा तलाशी लेकर या अन्यथा अथवा ऐसे किन्हीं साधनों द्वारा इस बाबत सम्यक उपबंध किया जाएगा कि फैक्ट्री परिसर में अग्नि, दियासलाई अथवा ऐसी कोई वस्तुएं या पदार्थ, जिससे विस्फोट हो सकता है या आग लग सकती हो, किन्तु इस शर्त के कारण ऐसी संरचना, स्थिति या स्वरूप में किसी कृत्रिम बत्ती का प्रवेश वजित नहीं है जिससे आग लगने या विस्फोट होने का खतरा न हो :
परंतु इस शर्त का वह भाग, जो लोहे या इस्पात के अपवर्जन को लागू होता है, ऐसे किसी भवन के संबंध में बाध्य कर नहीं होगा जिससे भिन्न कोई विस्फोटक नहीं रखा गया है ।

Due provisions shall be made, by the use of suitable working clothes without pockets, suitable shoes and by searching or otherwise or by such means, for preventing the introduction into danger area of the factory premises of fire, Lucifer matches or any substance or article likely to cause explosion or fire, but this condition shall not prevent the introduction of an artificial light of such construction, position or character as not to cause any danger of fire or explosion:

Provided that so much of this condition as applies to the exclusion of iron or steel, shall not be obligatory in a building in which no explosive other than an explosive of the 1st Division of the 6th (Ammunition) Class is kept.

11. अनुज्ञापिधारी प्ररूप आर.ई.-3 और आर.ई.-4 या आर.ई.-5, जैसी स्थिति हो, में सभी विस्फोटकों का अभिलेख और लेखा रखेगा और विस्फोटक नियम, 2008 के अधीन प्राधिकृत किसी भी अधिकारी के समक्ष उसके द्वारा ऐसा करने की मांग की जाने पर स्टाक पुस्तक और अभिलेख प्रस्तुत करेगा । स्टाक पुस्तक विहित प्रोफार्मा में पृष्ठ संख्यांकित होगी ।
The licensee shall keep records and accounts of all explosives in Forms RE-3 and RE-4 or RE-5, as the case may be, and exhibit the stock books and records to any of the officers authorised under the Explosives Rules, 2008 whenever such officer may call upon him to do so. The stock books in the prescribed proforma shall be page numbered.
12. परिसरों में कोई परिवर्तन या तबदीली अनुज्ञापन प्राधिकारी के पूर्वानुमोदन बिना नहीं की जाएगी और अनुज्ञापिधारी ऐसी किसी शर्त का अनुपालन करेगा जो इस निमित्त अनुज्ञापन प्राधिकारी विनिर्दिष्ट करे ।
No changes or alterations shall be carried out to the premises without prior approval of the licensing authority and the licensee shall comply with any condition that may be specified by the licensing authority in this behalf.

13. मैगजीन सभी समयों पर अच्छी मरम्मत की स्थिति में बनाई रखी जाएगी (या अच्छी हालत में बनाई रखी जाएगी) यदि किसी कारणवश किसी विस्फोटक के भण्डारण के लिए मैगजीन अनुपयुक्त हो जाती है तो अनुज्ञापिधारी इस बात की सूचना अनुज्ञापन प्राधिकारी को तुरंत देगा ।
Magazine shall at all times be kept in state of good repair (or maintained in good condition). The licensee shall report to licensing authority forthwith, if the magazine becomes unfit for storage of any explosives for any reason whatsoever.

मैगजीन का अनुज्ञापिधारी इन नियमों के नियम 24 के उप-नियम 3 के अनुसार त्रैमासिक विवरणी प्रस्तुत करेगा ।
The licensee of the magazine shall submit quarterly return as per sub-rules (3) and (4) of rule 24 of these rules.

14. यदि सुरक्षा दूरी का कोई अधिक्रमण होता है तो उसकी सूचना अनुज्ञापन प्राधिकारी को आवश्यक सलाह और कार्यवाही के लिए तुरंत दी जाएगी ।
Any encroachment of the safety distance shall be immediately communicated to the licensing authority for necessary advice and action.

15. यदि कोई विस्फोटक विनष्ट हुआ अथवा अनुपयोगी जाया जाता है तो उसकी सूचना अनुज्ञापन प्राधिकारी को, सलाह प्राप्त करने के लिए, तुरंत दी जाएगी ।
The licensing authority shall be immediately informed for advice if any explosive is found deteriorated or unserviceable.

16. विस्फोटकों के पैकेटों के चट्टे इस प्रकार लगाए जाएंगे कि कम से कम एक व्यक्ति भण्डार किए गए सभी पैकेजों की हालत की जांच करने और प्रत्येक पैकेज की विनिर्माण विशिष्टियों को पढ़ने के लिए उनके बीच से होकर आ जा सके ।
The explosive packages shall be stocked in such a way so as to allow movement of at least one person to check the condition of all packages stored and to read the manufacture particulars of each package.

तडित चालकों की भूमि के लिए प्रतिरोध यथासंभव न्यूनतम होगा और किसी भी दशा में 10 ओह्म से अधिक नहीं होगा ।
The resistance of the lightning conductor to earth shall be as low as possible and in no case be more than 10 ohms.

17. मैगजीन के चारों ओर 15 मीटर की दूरी के अंतर्गत कोई शुल्क घास या झाड़ी या ज्वलनशील सामग्री नहीं रहने दी जाएगी ।


उप मुख्य विस्फोटक नियंत्रक
Deputy Chief Controller of Explosives
एरनाकुलम Ernakulam

A distance of 15 meters surrounding the magazine or store house shall be kept clear of dried grass or bush or flammable materials.

18. विस्फोटकों के प्रत्येक पैकेट की, जब उसे मैगजीन के भीतर लिया जा रहा हो, ठीक दशा जानने के लिए परीक्षा की जाएगी।
Every package of explosive at the time of bringing inside the magazine shall be examined for its sound condition.
19. किसी मैगजीन / भंडारगृह में किसी एक समय में चार व्यक्तियों से अधिक को नहीं रहने दिया जाएगा।
Not more than 4 persons shall be allowed inside the magazine or store house at any one time.
20. विस्फोटकों के खाली पैकेटों को शीघ्रतिशीघ्र वहां से हटा दिया जाएगा और नष्ट कर दिया जाएगा।
Empty packages of the explosives shall be removed at the earliest and destroyed.
21. अनुज्ञापिधारी और कर्मचारीयों को परिसर के भीतर आपातकाल के दौरान की जाने वाली प्रक्रियाओं से अवगत होना चाहिए।
The licensee and the employee shall be conversant with procedure to be taken during the emergency within the premises.
22. निरीक्षण या नमूना अधिकारी को सभी युक्तियुक्त समयों पर अनुज्ञात परिसर में अबाध रूप से पहुंचने दिया जाएगा और यह सुनिश्चित करने के लिए कि अधिनियम और इन नियमों के उपबंधों और सुरक्षा स्थितियों को सम्यक्तः अनुपालन किया जा रहा है, अधिकारी को प्रत्येक सुविधा प्रदान की जाएगी।
Free access to the licensed premises shall be given at all reasonable times to any inspecting or sampling officer and every facility shall be afforded to the officer for ascertaining that the provisions of the Act and these rules and the safety conditions are duly observed.
23. यदि अनुज्ञापन प्राधिकारी या विस्फोटक नियंत्रक अनुज्ञापिधारी को अनुज्ञात परिसरों या मशीनरी, टूल या उपकरण में ऐसी कोई मरम्मत या परिवर्धन या परिवर्तन करने या सिफारिशों को लागू करने को लिखित रूप में सूचित करता है जो परिसर के अंदर या बाहर या व्यक्तियों की सुरक्षा के लिए आवश्यक है, अनुज्ञापिधारी को निष्पादित करेगा और विनिर्दिष्ट अवधि के भीतर अनुपालन रिपोर्ट ऐसे प्राधिकारी को देगा।
If the licensing authority or a Controller of Explosives informs in writing, the holder of the licence to execute any repairs or to make any additions or alterations to the licensed premises or machinery, tools or apparatus or carry out recommendations, which are in the opinion of such authority may pose unacceptable risk and so necessary for the safety of either on-site or off-site of the premises or persons, the holder of the licence shall execute the recommendations and report compliance within the period specified by such authority.
24. अनुज्ञापिधारी मैगजीन में रखने और बिक्री के लिए प्राधिकृत विस्फोटक सूची में उल्लिखित अनुज्ञात फैक्टरी या कंपनी से प्राधिकृत विस्फोटक / आतिशबाजी या सुरक्षा पत्ती खरीदेगा।
The licensee shall purchase authorised explosives/ fireworks or safety fuse as mentioned in the list authorised explosives from a licensed factory or company for possession and sale from the magazine.
25. निम्न से अधिक ध्वनि स्तर उत्पादित करने वाले आतिशबाजियों पटाखों की बिक्री और रखने के लिए –
(क) जो फटने की जगह से चार मीटर की दूरी पर है, 125 डी.बी.(ए1) या 145 डी.बी.(सी)पी.के. प्रतिबंधित होंगे;
(ख) श्रृंखला (जुड़े हुए पटाख) को गठन करने वाले व्यक्तिगत पटाखों के लिए उपर्युक्त उल्लिखित सीमा 5 लॉग.10(एन) डी.बी. (सी) पी.के. प्रतिबंधित होंगे;
The possession and sale of fire-crackers generating noise level exceeding;
a) 125 dB(A) or 145 dB(C)pk at 4 meters distance from the point of bursting shall be prohibited;
b) For individual fire-cracker constituting the series (joined fire-crackers), the above mentioned limit be reduced by 5 log₁₀ (N) dB, where N = number of crackers joined together.
26. आग या विस्फोट द्वारा दुर्घटना या नुकसान पटाखों की कमी या चोरी, तुरंत पास के पुलिस थाने और अनुज्ञापन प्राधिकारी और अनुज्ञापन प्राधिकारी के स्थानीय कार्यालय को रिपोर्ट की जाएगी।
Accidents by fire or explosion and losses, shortage or theft of explosives shall be immediately reported to the nearest police station and the licensing authority and local office of the licensing authority.

अतिरिक्त शर्तें / Additional Conditions :

1. अनुज्ञापिधारी विदेशी मूल के आतिशबाजी को ना प्रदर्शित करेगा, ना रखेगा और ना ही उसकी बिक्री करेगा। The licensee shall not exhibit, possess and sell fireworks of foreign origin.


 कृते संयुक्त मुख्य विस्फोटक नियंत्रक
 For Joint Chief Controller of Explosives
 दक्षिणोत्तर क्षेत्र, South Circle, Chennai
 उप मुख्य विस्फोटक नियंत्रक
 Deputy Chief Controller of Explosives
 एरनाकुलम Ernakulam

Form DE-2
(See rule 113 of the Explosives Rules, 2008)
(Distance Form to be attached to the licence)

Safety distances required to be kept clear around magazine for high explosives or fire works or factory licence number E/SC/KL/22/4359(E65090) in form LE-3 granted to sudheer Sukumaran, Padmalayam, Murinjakkal P.O, Koodal, Pathanamthitta District - Kerala, Kerala - .

Type of Structure(s)		Safety distances meters	
Inside Safety Distances(ISD)			
1	Room or Workshop used in Connection with the Magazine	M	UM
2	Any other Explosives Magazine or store House or Factory of the Applicant	19	29
3	Magazine Office		
Middle Safety Distances(MSD)			
4	Magazine Keeper's or Chowkidar's Dwelling house		
5	Railway including Minerals and Private Railways		
6	Canal (in active use) or other navigable water		
7	Dock or Pier or Jetty		
8	Public Highway or Public Road		48
9	Private Road which is PRINCIPAL means of access to a Temple, Mosque, Church, Gurudwara or other places of worships, Hospital, College, School or Factory		
10	River Embankment or Sea Embankment or Public Well		
11	Reservoir or Bounded tank/rope way		
12	Windmillor or Solar panel for Power Generation		
Outside Safety Distances(OSD)			
13	Dwelling House		
14	Govt. and Public Building		
15	Temple, Mosque, Church or Gurudwara or other Places of Worships		
16	Shops, Market place, Public recreation and Sports Ground, College, School, Hospital, Theater, Cinema or other Building where the public are accustomed to assemble		
17	Factory		
18	Buildings or Works used for the Storage in Bulk of Petroleum, Sprit, gas, or other inflammable or hazardous substances		
19	Building or Works used for Storage and Manufacture of Explosives or of articles which contain Explosives		95
20	Aerodrome		
21	Furnace, Kiln or Chimney		
22	Quarry or mine pit head		
23	Power House or Electric Substation		
24	Wireless Station		
25	Warehouse or other Storage Building		
26	Any other Protected works		
Overhead Electric lines			
27	Electric Power over head Transmission Lines above 440V		90
28	Electric Power over head Transmission Lines upto 440V		15


The Date : 02/01/2012

Amendments :

- Amendment in Drawings/Facilities/Premises dated : 30/03/2017
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 20/07/2017
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 26/07/2017
- Amendment in Drawings/Facilities/Premises dated : 26/07/2017
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 08/02/2018

Transfers :

- Change in Licensee Name/Address/Status dated : 09/03/2015


 For Joint Chief Controller of Explosives
 South Circle, Chennai
 उप मुख्य विस्फोटक नियंत्रक
 Deputy Chief Controller of Explosives
 एरनाकुलम Ernakulam

Explosive license

Annexure No.7



നമ്പർ: A9-705 (1.1)/2020 കലത്തൂർ ഗ്രാമപഞ്ചായത്ത്

1994 ലെ കേരളാ പഞ്ചായത്ത് രാജ് ആക്ട്(1994 ലെ 13) 232, 233, 234, 254 എന്നീ വകുപ്പുകൾ
ശ്രീകാരവ്യം അതേ തുടർനൂതുള്ള ചട്ടങ്ങളും അനുസരിച്ചു കൊടുത്ത
എഫ്.റ്റി.ഇ & ഒ.എസ് ലൈസൻസ് (NEW/Renewal)

ലൈസൻസുടമസ്ഥന്റെ പേരും മേൽവിലാസവും	സുധീർ സുകുമാരൻ മാനേജിംഗ് ഡയറക്ടർ അശ്വതി ഗ്രാനൈറ്റ്സ് (പി) ലിമിറ്റഡ് മുറിഞ്ഞകൽ പി.ഒ
എന്താവശ്യത്തിന് ലൈസൻസ് അനുവദിച്ചു എന്ന്	കരിങ്കൽ ഖനനം (കൂടൽ വില്ലേജിൽ സർവ്വേ നം., 110/8,111/3,111/4,111/5,112/1- 2,112/2,112/7,112/4,112/5,112/8-1,112/8-2,111/8- 3,113/2 9.3969 ഹെക്ടറിൽ പാറ ഖനനം ചെയ്ത് വിലകുറുത്തതിന്)
കെട്ടിടത്തിന് നമ്പരും വാർഡു നമ്പരും	KP - IV-689 (Office Building)
ലൈസൻസിന്റെ കാലാവധി	31/03/2021
ഫീസ്	ലൈസൻസ് : Rs. 15, 000/- തൊഴിൽ നികുതി: Rs. 2500 /- M/F- 5600/- Rt. No 119010108239.40, 11/02/2020
സ്ഥാപനത്തിന്റെ പേര്	Aswathy Granites Pvt Ltd
കലത്തൂർ ഗ്രാമപഞ്ചായത്ത്	Murinjakal , Koodal

തീയതി 01.4.2020





സെക്രട്ടറി

(മറുവശം)

Copy of license form Gram Panchayat

Annexure No.8

① *Mining and quarrying : Quarrying lease*
 Doc No. 4612/2017.

കേരളം കേരल KERALA

FORM H
 (See rule 43)
 QUARRYING LEASE

This deed of lease made on this the 24th day of April 2017 between the Governor of Kerala (hereinafter referred to as the "State Government" which expression shall where the context so admits be deemed to include his successors and assigns) of the one part and Shri/Smt.M/s. Sudheer Sukumaran, Managing Director, M/s.Aswathy Granites Pvt. Limited, Murinjakkal P.O., Koodal, Pathanamthitta - 689 693 aged 50 years son of Late Sukumaran resident of Aswathy, NRA-E-39, Cheruvaikal, Sreekariyam P.O., Thiruvananthapuram district (hereinafter called the "lessee/lessees" which expression shall where the context so admits, include his/their heirs, executors, administrators, representatives and permitted assigns) of the other part.

Lessor
 Rajeev.V.S.

Lessee
 Sudheer Sukumaran

Page 1 of 9

*No. 29/2017 500/- സ്കൂൾ സ്കൂൾ ഭാഗം,
 21/4/17 ചിങ്ങമുക്ക് ഡെവലപ്മെന്റ് ഭാഗത്തിൽ
 പ്രാദേശിക, മിനറൽ.*

കോന്നി റവന്യൂ

Doc No. 461 (I) 2017

Presented in the office of the Sub Regi of Enacting mangal on 11-5-2017 with the photograph and finger prints of the Lessee (the presentant) affixed under Section 32(A) of Regn Act and paid a fee of Rupees 170900 (Through Treasury Payment) at 11:40 AM on the 11th of May 2017 by Sudheer Subramanian

Residing at Aswathy.

11th day of May 2017

MINI KAVIRAJ
SUB REGISTRAR
MINI KAVIRAJ
SUB REGISTRAR

Execution Admitted by

Sudheer Subramanian

S/o. Subramanian, Managing Director M/s. Aswathy Granites Pvt Ltd, Residing at Aswathy NRA - E39 Chermuvik Streelemviam.

I have satisfied myself as to the execution of the instrument by Rajeev. V.S. Geologist, S/o. M. Velupentty mining & geology District office, Pathanamthitta who is exempt from personal appearance under Section 88(1) of Indian Regn Act 1908.

11th day of May 2017

MINI KAVIRAJ
SUB REGISTRAR

Identified the first executant by

S. Reghunathan

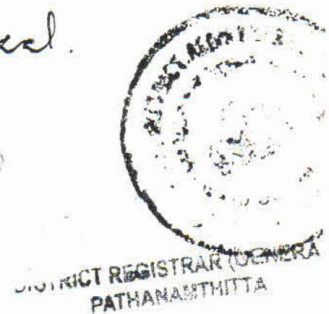
S/o. Sreedharan Pillai, Pensioner,

residing at Saramalayan, Munnjakkal.




Doc No. 461 of 2017
Bode I 9 sheets 1 sheet.

[Signature]



Witnesseth that in consideration of the rents and royalties and lessee's/Lessee's covenants, hereinafter reserved and contained the State Government hereby give on lease to the lessee/lessees the land measuring **9.3969** hectares described in the schedule hereunder and delineated on the plan hereto annexed and therein coloured red (hereinafter called the "said lands") to hold the same for a period of **10 (Ten) years** commencing from **24.4.2017** and ending on **23.04.2027** for the purposes of extracting minor mineral/minerals and subject to the terms and conditions contained in the Kerala Minor Mineral Concession Rules, 2015 (hereinafter referred to as "the Rules") and to the terms and conditions hereinafter appearing.

1. The lessee/lessees shall have the right in and upon the said lands to extract **Granite Building Stone** (hereinafter called the said mineral/minerals) and to do all acts necessary for the extraction of the said mineral/minerals including the erection on the said lands, buildings and plant required for the purposes and also to take lead and carry away over the said lands and to dispose of the said minerals extracted as aforesaid.
2. The lessee/lessees shall during the subsistence of this lease have the liberty to work the said mineral/minerals and remove the same from the leasehold on permits issued by the State Government/competent authority or any other officer authorised by him in this regard. The permits shall be issued only on the basis of pre-paid royalty at the rates specified in schedule I to these Rules. The royalty rates shall be subject to revision from time to time as the State Government may order.
3. The lessee/lessees shall pay to the State Government a yearly surface rent equal to the land revenue if any, assessable under the rules for the time being in force, or if the land be the property of Government or in reserve forest then equal to the land revenue plus cess, if any, per hectare of the land the surface whereof shall be occupied or used by the lessee/lessees for any of the purposes of this deed and so in proportion for any area less than one hectare. The said surface rent shall be paid by yearly payments; the first of such payments to be made on or before the last day of the first year of occupation provided always that no such rent shall be paid or demanded in respect of any roads or ways now in existence.


Lessee
Rajeev.V.S.


Lessee
Sudheer Sukumaran

Narayanan .k. Narayanan

S/o. P. Karanakaran, Company
Employ residing at Gnaneshwar
Kollampally

11th day of May 2017

M.K.
MINI KAVIRAJ
SUB REGISTRAR

Registered as NO of 461 of 2017 Bode I

Volume pages 8 rows to
9 sheets 2nd sheet Two duplicates registered
with the original. 11th day of May 2017

M.K.
MINI KAVIRAJ
SUB REGISTRAR

Returned to the Authorized person
with the duplicates.

2/12/17

9 sheets... 2... sheet

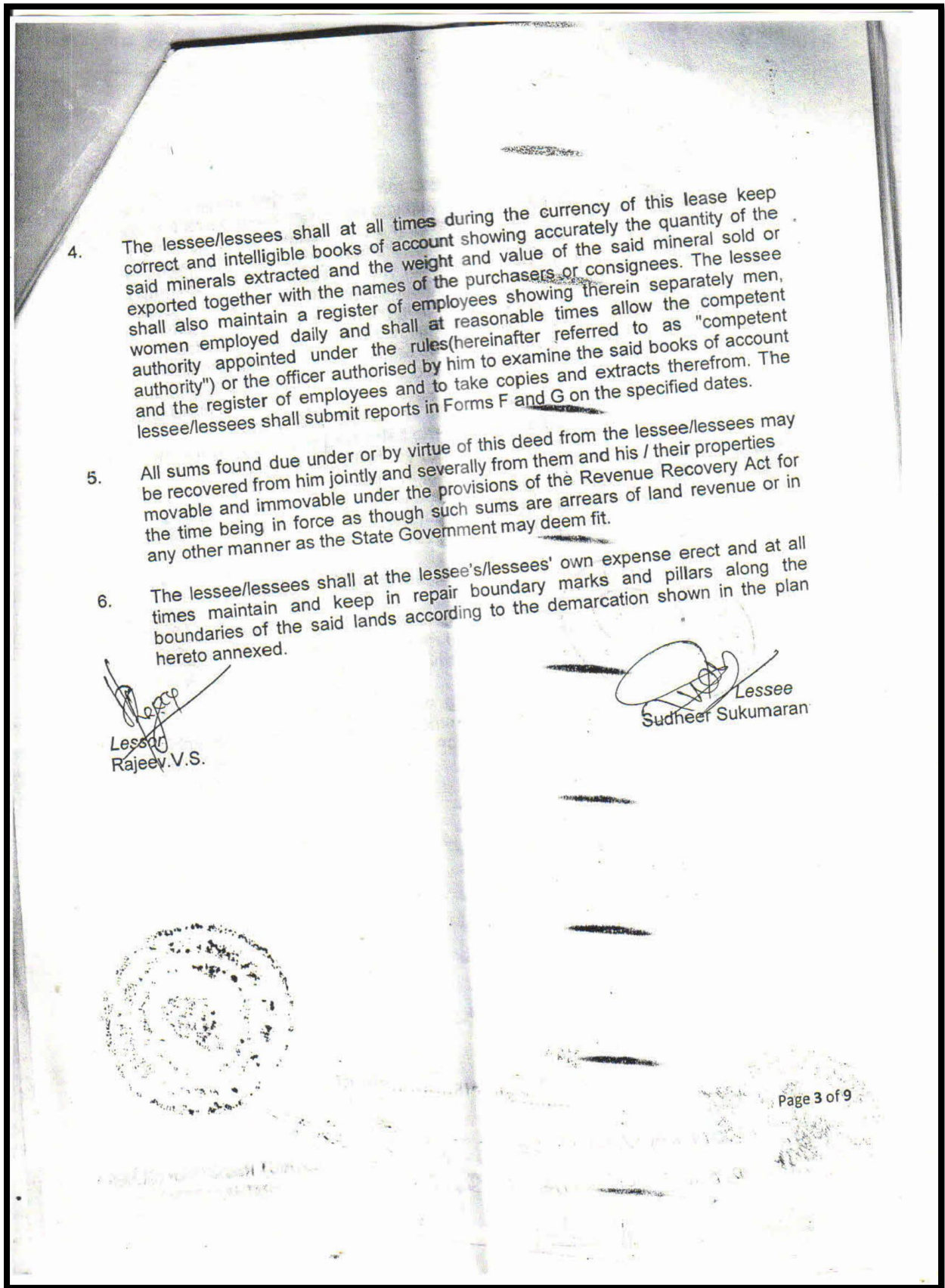


Doc NO. 461 of 2017
Bode I 9 sheets 2nd sheet.

M.K.



DISTRICT REGISTRAR (GENERAL)
PATHANAMTHITTA




7. In cases where explosives are not used for quarrying the lessee shall not carry on or allowed to be carried on any quarrying operations at or to any points within a distance of 75 metres from any railway line except with the previous written permission of the Railway Administration concerned; and any bridge on National High way or 50 metres from any reservoir, tanks, canals, rivers, bridges, public roads, other public works, residential buildings, the boundary walls of places of worship, burial grounds, burning ghats or any Government protected monuments or forest lands which do not conform to the category of wild life forests except with the previous permission of the authorities concerned or State Government or competent authority or any other officer authorised by the State Government in this behalf.

In cases where explosives are used for quarrying , the lessee shall not carry on or allowed to be carried on any quarrying operations at or to any points within a distance as specified by the Kerala State Pollution Control Board, from time to time for granting Consent to Operate for such quarrying as approved by the Government from any railway line bridge, reservoir, tanks, residential buildings, Government protected monuments, canals, rivers, public roads having vehicular traffic, other public works or the boundary walls of places of worship or 50 metres from any burial grounds or burning ghats or village roads or forest lands which do not conform to the category of wild life forests.


The above said distances shall be measured in the case of a railway, reservoir or canal horizontally from outer edge of the cutting or outer edge of the bank, as the case may be and in the case of a building horizontally from the plinth thereof.


For the purposes of this clause the expression 'railway' and 'railway administration' shall have the same meaning as defined in sub sections (4) and (6) of section 3 of Indian Railway Act, 1890 (IX of 1890).


Lessor
Rajeev V.S.

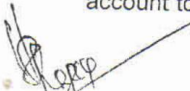

Lessee
Sudheer Sukumaran

8. The sides of open workings shall be sloped, stepped or secured by the lessee in such a manner as to prevent slope failure, when an open working is worked in steps, steps shall be of sufficient breadth in relation to their height to secure safety. In open workings trees liable to fall and all loose ground and material shall be removed by the lessee sufficiently far from the edge or otherwise made source in order to prevent danger to persons employed in the quarry.
9. If a working place is found to be unsafe all persons shall be withdrawn by the lessee/lessees immediately from the dangerous area and all access to such working place except for the purpose of removing the danger of saving life shall be prevented by securely fencing the full width of all entrances to the place.
10. The lessee/lessees shall at all reasonable times allow any officer authorised by the Central Government or by the State Government in that behalf to inspect the said lands and the buildings and plants erected thereon and the lessee/lessees shall assist such persons in conducting the inspection and afford them all information they may reasonably require, and shall conform to and observe all orders which the Central and State Governments as the result of such inspection or otherwise, may from time to time pass.
11. The lessee shall be responsible for implementing the provisions of the various labour laws applicable, from time to time, to the quarry.
12. The lessee/lessees shall not assign or underlet the said lands or any part thereof or the rights or privileges, therein hereby granted or any of them without the previous permission in writing of the State Government / competent authority:
13. Where the lease or any right, title or interest therein has been assigned, sublet or transferred as provided in rule 45 read with condition 12, then the person in whose favour such assignment, sublease or transfer has been made shall be responsible for implementing the provisions of the various labour laws applicable, from time to time, to the quarry.


Lessee
Rajeev.VS.



Lessee
Sudheer Sukumaran


14. The lease may be surrendered by the lessee/lessees at any time after 3 months notice in writing to the State Government/competent authority: Provided that the lessee/lessees has/have paid all sums due on account of the lease. Provided that if the lessee/lessees elects/elect to determine this lease before the expiry of the term of the lease, shall pay in addition to other dues a sum equal to the dead rent payable for the remaining part of the term of the lease deed.
15. If the lessee/lessees shall be desirous of taking a further lease of the said lands he/they shall give three months' previous notice in writing of such desire to the State Government/Competent authority and if the lessee/lessees has/have duly observed all the conditions of this lease, the State Government/competent authority may agree to renew the lease for such further term and on such terms and conditions as the State Government/Competent authority may determine which shall be in accordance with the provisions of these rules.
16. If the lessee/lessees shall at any time during the said term use the said lands or any part thereof in any manner other than as authorised by this lease or fail to carry on quarrying operations continuously without sufficient cause of which the State Government/Competent authority shall be the judge or shall commit a breach of any of the conditions of this lease it shall be lawful for the State Government/Competent authority to cancel this lease and take possession of the said lands or the alternative to receive from the lessee/lessees such penalty not exceeding Rs. 25000/- for the breach as the State Government/Competent authority may fix.
17. If at the expiration of three calendar months after the expiry of the lease or its sooner determination, there shall remain in or the said lands, any engines, machinery, plant buildings, structures and other works erections and conveniences the said minerals or other property which the lessee is/lessees are entitled to remove from the said lands, the same shall, if not removed by the lessee/lessees within one calendar month after notice in writing requiring their removal be given to the lessee/lessees by the State Government/Competent authority be deemed to become the property of the State Government in such manner as they may deem fit without liability to pay any compensation or to account to the lessee/lessees in respect thereof.


Lessor
Rajeev.V.S.


Lessee
Sudheer Sukumaran

18. This lease subject to all rules and regulations which may from time to time be issued by the State Government regulating the working of the quarries and other matters affecting safety, health and convenience of the lessee's/lessees' employees or of the public, whether under the Indian Mines Act or otherwise.
19. The lessee/lessees shall without delay send to the District Collector and the competent authority or the officer authorised by him in this regard report of any accident causing loss of life or serious bodily injuries or seriously affecting or endangering life or property which may at any time occur at or in the said lands in the course of operations under this lease.
20. The lessee/lessees shall furnish such reports and returns relating to output, labourers employed and other matters as the State Government may prescribe.
21. The lessee/lessees shall make and pay such reasonable compensation as may be assessed by lawful authority in accordance with the law in force on the subject for all damage, injury or disturbance which may be done by him/them in exercise of the powers granted by this lease and shall indemnify and shall keep indemnified fully and completely the State Government against all claims which may be made by any person or persons in respect of any such damage, injury or disturbance and all costs and expenses in connection therewith.
22. Any condition prescribed in the Kerala Minor Mineral Concession Rules, 2015 but left out in this lease which may be found applicable to the lessee/lessees shall be treated as binding on the lessee/lessees.


Lessor
Rajeev.V.S.


Lessee
Sudheer Sukumaran

In witness whereof the parties hereto have set their hands hereunto on the day and year first above written.

Signed by
Lessor, Rajeev V.S. (Geologist), S/o. M. Velukutty, Mining & Geology District Office, Pathanamthitta, Aranmula P.O., PIN- 689 533

for and on behalf of the Governor of Kerala.
In the presence of:

- (1) Ashik.S., Asst. Geologist,
Mining & Geology District Office, Aranmula P.O.,
Pathanamthitta.
- (2) Bulkees.K.K., Asst. Geologist
Mining & Geology District Office, Aranmula P.O.,
Pathanamthitta.

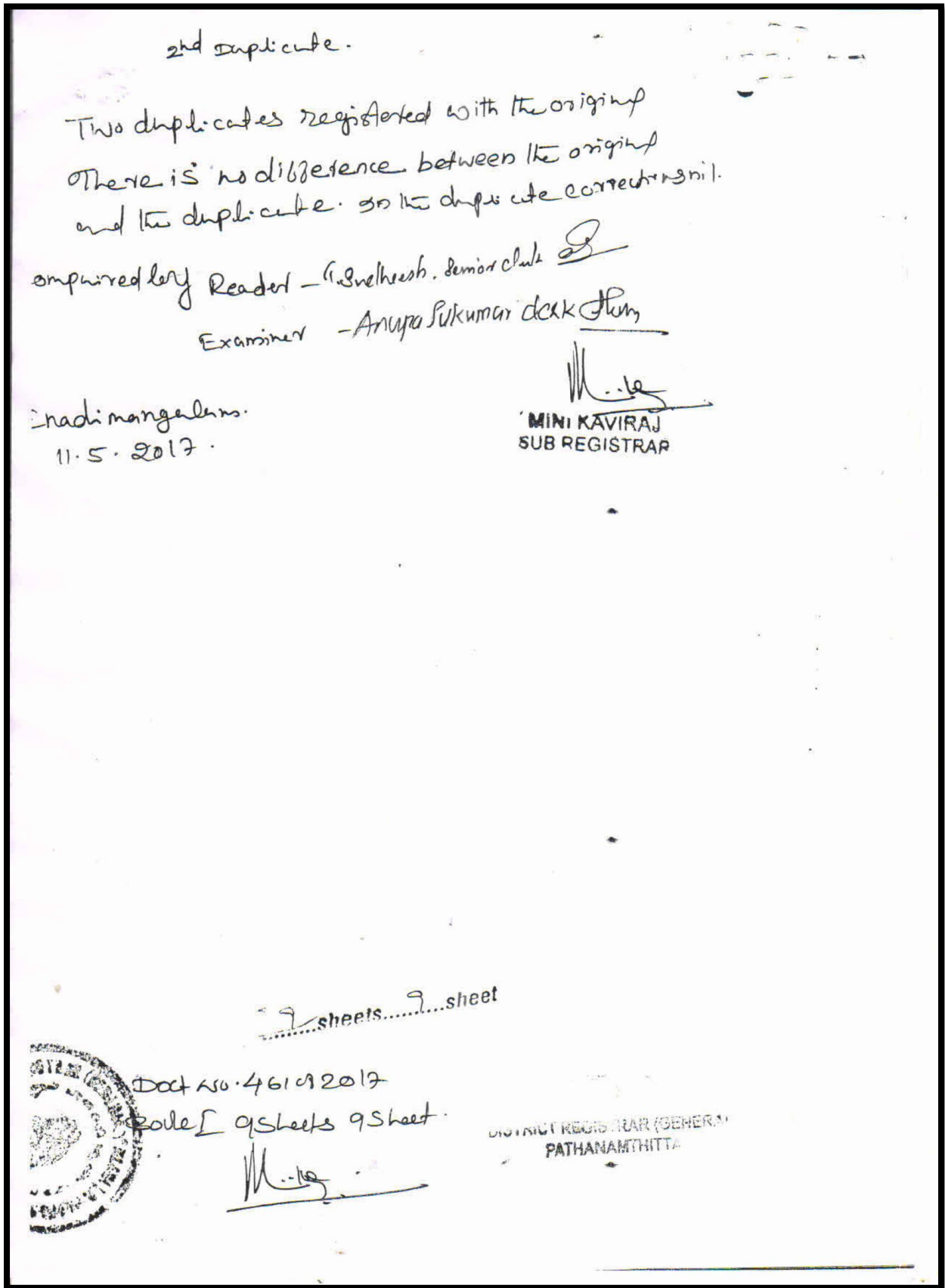
Signed by
for and on behalf of the lessee/lessees (Sudheer Sukumaran, S/o. Sukumaran, the lessee residing at Thiruvananthapuram District, Thiruvananthapuram Taluk, Cheruvaikal village and his Aadhar No. is 548787622402.

In the presence of:

- (1) Navajath.K.,
Gurucharan, Vakayar P.O., Konni.
- (2) Rajeev.S,
Thadatharikathu veedu, Sreekariyam P.O., NRA A/33, Thiruvananthapuram

Lesser
Rajeev.V.S

Lessee
Sudheer Sukumaran



Quarrying lease

Annexure No.9

www.idukkidcb.in

NOTICE

This is to inform to the General Public that the proposed quarry project in Survey Nos. 111/3 pt, 110/8, 112/4, 111/4 pt, 111/5 pt, 113/2, 112/5, 112/1-1, 112/1-2, 112/8-1, 112/8-2, 112/8-3, 112/2 and 112/7 of Koodal Village, Adoor Taiuk, Pathanamthitta District, Kerala being developed by M/s Aswathy Granites Pvt. Ltd. is accorded with ENVIRONMENTAL CLEARANCE by State Environment Impact Assessment Authority, Kerala vide Order No. 147/SEIAA/EC4/2748/2013 dt. 10-08-2015 and the copy of the Environmental Clearance is available with the office of Department of Environment and Climate Change, Govt. of Kerala and may also be seen on the website of the Authority at www.seiaakerala.org

MILITARY ENGINEER SERVICES

1. Commander Works Engineers, Wellington, Barracks-PO, The Nilgiris, on behalf of President of India invites online item rate bids for the works mentioned below. Tender shall be uploaded on the website on or after **28 Sep 2015**.

YES 79%

TODAY'S QUE
Will the Modi go succeed in its cleaning up the bu

SMS <NIEP Y
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ANDHRA
(A Govt. of India)

[Rule 8 (1) of Security I
WHEREAS The unders
Securitizations and Reco
Act, 2002 (Act 54 of 2002)
with Rule 8 of the security
notices detailed herunder
the amounts mentioned
days from the date of rec
The borrowers having fail
the public in general that
herein below in exercise o
8 of the said rules on the
The borrowers in particula
property and any dealing
the amount due from the l

DET.

Date of I

For admission, contact the following office with original certificates

ADOOR: Room No. 39, G Floor, Revenue Tower
04734 221128
9447866183

നോട്ടീസ്

പൊതുജന ശ്രദ്ധയ്ക്കായി കേരള സംസ്ഥാനം, പത്തനംതിട്ട ജില്ല, അടുർ താലൂക്ക്, കൂടൽ വില്ലേജിലും, കലത്തൂർ പഞ്ചായത്തിലും പെട്ട സർവ്വേ നമ്പർ 111/3 pt, 110/8, 112/4, 111/4 pt, 111/5 pt, 113/2, 112/5, 112/1-1, 112/1-2, 112/8-1, 112/8-2, 112/8-3, 112/2, 112/7 -ൽ പാറ ഖനനം ചെയ്യുന്നതിനു വേണ്ട പരിസ്ഥിതി കാനൂക്കടി അപ്രൂയി ഗ്രാനൈറ്റ്സ് പ്രൈവറ്റ് ലിമിറ്റഡ് എന്ന സ്ഥാപനത്തിന് കേരള സംസ്ഥാന പരിസ്ഥിതി ഇംപാക്ട് അസ്സസ്സ്മെന്റ് അതോറിറ്റിയിൽ നിന്നും 147/SEIAA/EC4/2748/2013 തീയതി 10-08-2015 ഓർഡർ പ്രകാരം ലഭിച്ചിരിക്കുന്നു. ഈ ഓർഡറിന്റെ പകർപ്പ് കേരള സംസ്ഥാന പരിസ്ഥിതി കാലാവസ്ഥ വ്യതിയാന വകുപ്പിൽ ലഭ്യമാണ്. www.seiaakerala.org എന്ന വെബ്സൈറ്റിൽ കൂടിയും പകർപ്പ് കാണാവുന്നതാണ്.

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CLIENT INTERVIEW AT CALICUT
ON 20th & 21st SEPTEMBER 2015
WAREHOUSE ASSISTANTS
(പാക്കിസ്റ്റ്, ബാർ കോഡിംഗ് ആന്റ്)

MANU
OFC Technician, INTERTEC
Salary: Rs. 31,000/-

FIBER OPTICS TECHNOLOGY
തിന്റെ ഏതു കോണിലും നിന്നും അളവ് അളയാം. വളരെ ചുരുങ്ങിയ ചെലവ്, അത്യന്ത ഉയർന്ന ശേഷി. **FIBER OPTICS CABLE** ലൂടെ വിവിധ തരം കണക്റ്റിംഗ് ചെയ്ത Communication അപ്രൂയിൽ നിന്നും ലഭിക്കുന്നതാണ്. നമ്മുടെ യോഗ്യതകളിലും വിദഗ്ദ്ധരുടെ സഹായത്തോടെ ഇന്റർനെറ്റ് connect ചെയ്യാൻ കഴിയും. വിവരങ്ങൾക്ക്, ബന്ധപ്പെടുക. **BATCH** (ലേബർ) ഉള്ളൂ.

N-S-D-C
National Skill Development Corporation

TÜVRheinland
NIFE
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TUV RHEINLAND NIFE ACADEMY PVT. LTD.

LOST
I had lost my CBSE mark sheet for the Higher Sec Certificate (Class 10) HSG 4882892, HSG 54226 board school exam, Tamil Nadu Degree (BSc IT) mark sheet for the first two semesters from Sri GVGC College for women (at Bharathiar University).
V. Sreeshna, D/o Rajan Sainik School, Amaravathi, Tirunelveli.

Control Society
am 695035
882, 2304704.

Advertisements in News papers

Annexure No.10

Kalanjoor Grama Panchayat 8088895
Kalanjoor P.O, Pathanamthitta,
Phone: 04734270363
Inward No 5222 Year 2015
Date of Receipt 19/09/2015
Name of Applicant ASWATHY GRANITES, KOODAL
Subject ENVIRONMENT CLEARANCE
Date of Delivery
Section A9
19/09/2015 04:16:37PM

Acknowledgement from Gram Panchayat

Annexure No.11

**TEST REPORT**

Test Report No: 20210619/R025	Date: 24-06-2021	Page 1 of 1
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CUSTOMER DETAILS

Customer Name & Address	M/s Aswathy Granites (P) Ltd, Muringakal, Adoor, Pathanamthitta District
Customer Reference	Test Request dt. 19-06-2021

DETAILS OF MONITORING

Product Category	Atmospheric Pollution	Sample Code	20210619/S025
Sample Name	Ambient Noise	Monitoring Commenced on	19-06-2021/ 06:00
Monitoring Location	East side Boundary	Monitoring Completed on	20-06-2021/ 06:00
Test Method	IS 9989:1981 RA:2008	Monitored by	Lab Authorized Sampler

MONITORING SITE DETAILS

Survey No	110/8,111/3,111/4,111/5,112/1-1,112/1-2,112/2, 112/12,112/4, 112/5, 112/7, 112/8-1,112/8-2,112/8-3, 113/2		
Village	Koodal	Taluk	Konni
District	Pathanamthitta	State	Kerala

MONITORING RESULTS - Leq

TIME	RESULTS dB(A)	TIME	RESULTS dB(A)	TIME	RESULTS dB(A)
06:00	37.0	14:00	49.5	22:00	35.8
07:00	39.6	15:00	49.9	23:00	32.7
08:00	43.8	16:00	51.1	24:00	35.0
09:00	47.2	17:00	51.4	01:00	35.7
10:00	49.5	18:00	46.1	02:00	35.4
11:00	52.6	19:00	42.7	03:00	36.1
12:00	49.9	20:00	38.9	04:00	35.0
13:00	49.1	21:00	38.4	05:00	36.7

TEST RESULTS- CHEMICALPARAMETERS

Sl. No.	PARAMETERS	UNIT	RESULT
1	Ambient Sound Level (Leq) Day Time (06:00 to 22:00)	dB(A)	48.0
2	Ambient Sound Level (Leq) Night Time (22:00 to 06:00)	dB(A)	35.4

Remarks:

End of Report

Shency Joy
Dy.TM-Chemical
Checked by:



Laiju P.N.
Laboratory Head
Authorized Signatory

The results are related only to the samples submitted for analysis and this test report shall not be reproduced except in full, without the written approval of the laboratory.

Standard^S Environmental & Analytical Laboratories

Approval & Recognition: "A" Grade Laboratory approved by Kerala State Pollution Control Board.

K.J. Tower, Pathalam, Udyogamandal P.O., Ernakulam-683 501, Tel. 0484-2546660, 93 87 27 24 02, 90 74 34 14 43
Web: www.sealabs.in, E-mail: seaalab@gmail.com

Result of ambient Noise

Annexure No.12

**TEST REPORT**

Test Report No: 20210619/R024	Date: 24-06-2021	Page 1 of 1
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CUSTOMER DETAILS

Customer Name & Address	M/s Aswathy Granites (P) Ltd, Murinjakkal, Adoor, Pathanamthitta District
Customer Reference	Test Request dt. 19-06-2021

SAMPLE DETAILS

Product Category	Atmospheric Pollution	Sample Code	20210619/S024
Sample Name	Ambient Air	Sample Received on	21-06-2021
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	21-06-2021
Sampled by	Lab Authorized Sampler	Test Completed on	24-06-2021

DETAILS OF SAMPLING

Sampling Location	Near North West Boundary	Date of Sampling	19-06-2021
Sampling Procedure	SEAAL/ENL/GEN/SOP/02	Humidity	71%

SAMPLING SITE DETAILS

Survey No	110/8,111/3,111/4,111/5,112/1-1,112/1-2,112/2, 112/12,112/4, 112/5, 112/7, 112/8-1,112/8-2,112/8-3, 113/2		
Village	Koodal	Taluk	Konni
District	Pathanamthitta	State	Kerala

TEST RESULTS- CHEMICAL PARAMETERS

Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	NAAQ Standards
1	Particulate Matter, PM ₁₀	IS 5182 (Part 23):2006	µg/m ³	58.9	Max 100
2	Particulate Matter, PM _{2.5}	EPA 40 CFR (Part 50) Appendix - L	µg/m ³	26.1	Max 60
3	Sulphur Dioxide as SO ₂	IS 5182 (Part 2): 2001 RA 2017	µg/m ³	3.25	Max 80
4	Oxides of Nitrogen as NO ₂	IS 5182 (Part 6): 2006 RA 2017	µg/m ³	4.88	Max 80

Remarks:

End of Report

Shency Joy
Dy.TM-Chemical
Checked by:



Laiju P.N.
Laboratory Head
Authorized Signatory

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K.J. Tower, Pathalam, Udyogamandal P.O., Ernakulam-683 501, Tel. 0484-2546660, 93 87 27 24 02, 90 74 34 14 43
Web: www.sealabs.in, E-mail: seaalab@gmail.com

Result of Ambient Air

Annexure No.13

**TEST REPORT**

Test Report No: 20210619/R026	Date: 24-06-2021	Page 1 of 2
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CUSTOMER DETAILS

Customer Name & Address	M/s Aswathy Granites (P) Ltd, Murinjakkal, Adoor, Pathanamthitta District
Customer Reference	Test Request dt. 19-06-2021

SAMPLE DETAILS

Product Category	Water	Sample Code	20210619/S026
Sample Name	Ground Water (Open Well)	Sample Received on	21-06-2021
Sample Conditions at Receipt	Fit for Analysis	Temperature @ Receipt	5°C
Sample Quantity & Packing	1L & 250ml Plastic Bottles	Test Commenced on	21-06-2021
Sampled by	Lab Authorized Sampler	Test Completed on	24-06-2021

DETAILS OF SAMPLING

Sample Source	West Side	Date of Sampling	19-06-2021
Sampling Procedure	SEAL/ENL/GEN/SOP/01& SEAL/MBL/SOP/06	Sample Temperature	30 °C

SAMPLING SITE DETAILS

Survey No	110/8,111/3,111/4,111/5,112/1-1,112/1-2,112/2, 112/12,112/4, 112/5, 112/7, 112/8-1,112/8-2,112/8-3, 113/2		
Village	Koodal	Taluk	Konni
District	Pathanamthitta	State	Kerala

TEST RESULTS- CHEMICAL PARAMETERS

Sl.No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500 : 2012
1	Colour	IS 3025 (Part 4):1983 RA 2017	Hazen	1.0	Max 5
2	Odour	IS 3025 (Part 5):2018	---	Agreeable	Agreeable
3	Turbidity	IS 3025 (Part 10):1984 RA 2017	NTU	0.4	Max 1
4	pH	IS 3025 (Part 11):1983 RA 2017	---	6.82	6.50 – 8.50
5	Conductivity	IS 3025 (Part 14):1984 RA 2019	µS/cm	86	---
6	Total Dissolved Solids	IS 3025 (Part 16):1984 RA 2017	mg/L	57	Max 500
7	Total Hardness as CaCO ₃	IS 3025 (Part 21):2009 RA 2019	mg/L	24.8	Max 200
8	Calcium as Ca	IS 3025 (Part 40):1991 RA 2019	mg/L	7.65	Max 75
9	Magnesium as Mg	IS 3025 (Part 46):1994 RA 2019	mg/L	3.24	Max 30
10	Chloride as Cl	IS 3025 (Part 32):1988 RA 2019	mg/L	6.97	Max 250

Shency Joy
Dy.TM-Chemical
Checked by



Salini T.S.
Microbiologist
Authorized Signatory

Laju P.N.
Laboratory Head
Authorized Signatory

The results are related only to the samples submitted for analysis and this test report shall not be reproduced except in full, without the written approval of the laboratory.

Standard^S Environmental & Analytical Laboratories

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K.J. Tower, Pathalam, Udyogamandal P.O., Ernakulam-683 501, Tel. 0484-2546660, 93 87 27 24 02, 90 74 34 14 43
Web: www.sealabs.in, E-mail: sealab@gmail.com

**TEST REPORT**

Test Report No: 20210619/R026	Date: 24-06-2021	Page 2 of 2
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TEST RESULTS- CHEMICAL PARAMETERS					
Sl.No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500 : 2012
11	Total Alkalinity as CaCO ₃	IS 3025 (Part 23):1986 RA 2019	mg/L	21.6	Max 200
12	Iron as Fe	IS 3025 (Part 53):2003 RA 2019	mg/L	0.32	Max 1
13	Sulphate as SO ₄	IS 3025 (Part 24):1986 RA 2019	mg/L	4.1	Max 200

TEST RESULTS - BIOLOGICAL PARAMETERS					
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	E coli	IS 15185 : 2016	----	Absent/100 ml	Absent/100 ml

Remarks:

End of Report

Shency Joy
Dy.TM-Chemical
Checked by



Salini T.S.
Microbiologist
Authorized Signatory

Laju P.N.
Laboratory Head
Authorized Signatory

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Web: www.sealabs.in, E-mail: seaalab@gmail.com

Result of Water