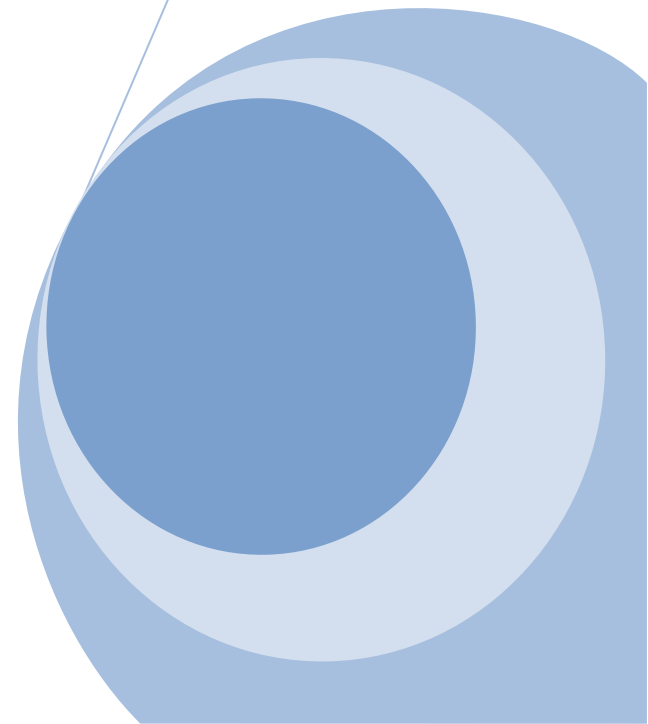


Compliance Report

October 2016 – March 2017

**Aswathy Granites Pvt. Ltd
Pathanamthitta District
Kerala.**



ASWATHY GRANITES Pvt. Ltd.

Murinjakkal P.O., 689 693, Koodal, Pathanamthitta (Dist.) Kerala, TIN # 32030380912,
Tel : 8547867140, 8547872140, 9496590140, 9496591140 Fax : 0468 2269727,
No U14102KL2004PTCO17401 e-mail : asgranitespvtltd@gmail.com

Dt. 04-12-2017

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

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

Sub :- Environment Clearance - at Survey Nos. 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, Pathanamthitta
District, Kerala., Kerala - Compliance Report - Reg.

Respected Sir,

The Environment Clearance was granted by State Environment Impact Assessment Authority vide order No. 147/SEIAA/EC4/2748/2013 dated 10-08-2015. The compliance report of Second half (October 2016 - March 2017) to the specific conditions / general condition of the Environment Clearance is enclosed.

Thanking you,

Yours respectfully,

For M/s Aswathy Granites Pvt. Ltd.



Encl: - As Above

Copy to : **The Chairman & The Member Secretary**
State Environment Impact Assessment Authority (SEIAA)
'Devi Kripa', Pallimukku,
Pettah P.O., Thiruvananthapuram,
Kerala - 695 024.

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 October 2016 – March 2017 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
----	--	----------

Compliance:

As part of enhancing protection for the worship place, the project proponent has left 110 meters of land from the side of temple as safe buffer distance. *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.

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

Compliance:

To reduce air pollution while the transportation of materials, the project has concreted the road of 114 meters length. To make transportation easy, the approach road was widened. At present the road has 6.5 meters of width. Two vehicles can go along this road at a time without traffic problem. The photograph of concreted road is provided in **Plate No.1**.

03	Eco- restoration should be made in the already mined pit now in possession of the proponent.	Being complied
----	--	----------------

Compliance:

As part of Eco restoration, the project has developed two mined pit as rain water harvesting ponds in the site and it is used for fish farming. The project proponent is trying to use the mined pits in a sustainable way. The project has been planting various saplings in the project site as part of enhancing bio diversity in the project site. The photograph of rain water harvesting pond is provided in **Plate No. 2**.

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
----	--	----------

Compliance:

The project proponent has erected protective fencing around the mining area to prevent the falling of human and animals in to the mining pit. To enhance the safety, the project proponent marked danger and placed sign board at appropriate places in the project area. The photograph of sign board is provided in **Plate No.3**.

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

Compliance:

The quarrying is progressing as per Mining plan approved by the geologist. As per the direction of State Environment Impact Assessment Authority, the project has constructed new haulage road for the transportation of vehicles and machinery to explore the minor minerals from the quarrying area.

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

To reclaim the mine area, the project proponent has started to plant various indigenous species at 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
-----------	---	-----------------

Compliance:

To collect rain water from the entire project land, the proponent has developed one rain water harvesting pond in the quarrying area. The pond is developed from mined quarry pit. The stored rain water is using for gardening & agriculture, wetting of roads, and other domestic purposes. The photograph is showing the rain water collection pond in the project area in **Plate No. 2**.

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

Compliance:

The Environmental Monitoring Cell (EMC) will be formed with Mr. Sudheer Sukumaran as head of the monitoring cell. The EMC meeting will convene regularly to evaluate and monitor quarrying work in connection with the specific and general conditions stipulated in the Environmental Clearance (EC) order. The details of the monitoring cell are given below:

Table 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.

02	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
----	---	----------

Compliance:

To enrich vegetation and prevent air pollution, the project proponent purchased suitable avenue trees from *Agriculture Department, Agricultural University Mannuthy* and planted either side of the roads, parking area and other areas in the project land. There are natural vegetations including trees, shrubs, herbs and climbers also present. The copy of bill from Agricultural Department is given in **Annexure No.1**. The photographs of avenue trees planted in the road side are given in **Plate No. 4**. The details of vegetation along the road side are given below in table No.2.

Table 2 Details of the natural vegetation existing along the road side

Sl. No.	Scientific Name	Common Name	Family	Habit
1.	<i>swietenia mahagoni</i>	mahagony	<i>meliaceae</i>	tree
2.	nerium oleander	arali	apocynaceae	shrub
3.	<i>bambusa bambos</i>	mula	<i>poaceae</i>	herb
4.	psidium guajava	peraka	myrtaceae	tree
5.	<i>chromolaena odorata</i>	communist-pacha	compositae	shrub
6.	<i>cocos nucifera</i>	thengu / coconut	arecaceae	tree
7.	<i>mangifera indica</i>	mavu	anacardiaceae	tree
8.	<i>tectona grandis</i>	thekku	verbenaceae	tree
9.	<i>ziziphus oenopolia</i>	thodalli	rhamnaceae	climber

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

Compliance:

As part of energy conservation, the project is generating and utilizing energy from solar by installing two solar street lights in the project site. 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 3.5KW. The photograph of solar street lights and solar panel is provided in **Plate No.5**. The purchasing bill of solar street light is given in **Annexure No. 2**.

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

Compliance:

To prevent dust emissions from the road while transportation of materials, the project is splashing water on roads. There is sufficient water in the rain water harvesting ponds for the purpose. The monitoring of the air quality through a State Pollution Control Board accredited laboratory helps the project proponent to maintain the air quality within the permissible limit. The test result is given in **Annexure No. 12**

06	Eco-restoration including the mine closure plan shall be done at the own cost of the project proponent.	being Complied
-----------	---	-----------------------

Compliance:

As part of eco restoration, the project started to plant various saplings within the project area. The list of tree/shrub/herb saplings planted in the project site is given below in table No. 3. The mine closure plan will be done at own cost of project proponent as agreed in the proposal.

Table 3 Details of the saplings planted within the project area

Sl. No.	Scientific Name	Common Name	Family	Type
1.	<i>Artocarpus heterophyllus</i>	Plavu	<i>Moraceae</i>	Tree
2.	<i>Hevea brasiliensis</i>	Rubber	<i>Euphorbiaceae</i>	Tree

3.	<i>Anacardium occidentale</i>	Cahsew	Anacardiaceae	Tree
4.	<i>Pouteria sapota</i>	Saporta	Sapotaceae	Tree
5.	<i>Bambusa vulgaris</i>	Bamboo	Poaceae	Shrub
6.	<i>Cocos nucifera</i>	Thengu	Arecaceae	Tree
7.	<i>Capsicum frutescens</i>	mulaku	Solanaceae	Herb
8.	<i>Gomphia serrata</i>	Peral	Ochnaceae	Small tree
9.	<i>Carica papaya</i>	Papaya	Caricaceae	Tree
10.	<i>Nerium oleander</i>	Arali	Apocynaceae	Shrub
11.	<i>Coccos nucifera</i>	Thengu	Arecaceae	Tree
12.	<i>Psidium guajava</i>	Peraka	Myrtaceae	Tree
13.	<i>Mangifera indica</i>	Mavu	Anacardiaceae	Tree
14.	<i>Hibiscus rosa-sinensis</i>	Chembarathi	Malvaceae	Shrub
15.	<i>Musa paradisiacal</i>	Vazha	Musaceae	Herb
16.	<i>Swietenia mahagoni</i>	Mahagony	Meliaceae	Tree
17.	<i>Tectona grandis</i>	Thekku	Verbenaceae	Tree

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.	Will be Complied
-----------	---	-------------------------

Compliance:

The project 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 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
-----------	---	-----------------

Compliance:

As part of Corporate Social Responsibility (CSR), the project spent amount in the areas of Education, Health and infrastructure development. The project proponent is intending to carry out CSR in systematic way for inclusive growth in the community. The copies of bill purchased against food provisions are given in **Annexure No. 3**. The details of activities performed under CSR are given in the table.

Table No.4. Performed activates under CSR

Sectors	Activities	Partners	Beneficiary	Amount spent in Rs.
Education	10 Benches and 10 desks	Cherunaikal Govt UP School	Students	45,000
Health	Distribution of food provisions in every month		More than 100 families	6,80,407
Total				7,25,407

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
-----------	--	-----------------

Compliance:

To prevent falling of animals/human being/dumping of garbage etc, the project has erected barbed metal wire fencing around the mining area with height of 5 ft. The photograph of barbed metal wire fencing is provided in **Plate No.6**.

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
----	---	----------

Compliance:

As per the stipulation of Explosive department, the project has installed warning alarms in the quarry site. This warning alarm is properly working prior to the blasting time. The timing of blasting in the quarry is in between 9.30am to 10.30, 1.00 pm to 2.00pm and 3.30pm to 4.30pm. The photograph of sign board is given in **Plate No.3**.

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

Compliance:Mitigation measures Implemented

The major noise generating source from the mining activity is working machinery, 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., ear plugs are provided to workers working in high noise areas.
- The mining activity held in day time only.
- Noise level at quarry site checked periodically.

Blast vibrations and control measures

- ❖ Controlled blasting technique is adopted in this project in order to reduce blast vibrations.
- ❖ Ordinary detonators are using for the blasting
- ❖ 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.

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. The quarry working time is 6.30am to 4.30 pm.

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

Compliance:

The blasting is done in controlled manner by using ordinary delayed detonators. All blasting activities are carrying out with the specified regulations of explosive department. All blasting are under careful supervision of qualified persons.

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

The project appointed has appointed first class mines manager, foreman and mining mate, they supervise/control the blasting operations for the exploitation of minor minerals in the project site. **Annexure No. 4** is showing the license of mine mate and foreman.

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, the project has concreted the access road of 114 meters to the quarry site. The project is spraying water on the road to arrest the dust production during summer season. The photograph of concreted road is provided in **Plate No. 1.**

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

The project has converted mined pit as Rain Water Harvesting ponds in the project site. At present the project is stacking the overburden at the mined portion in the lease area near to the worship place. The project proponent has started concurrent eco restoration in the project site.

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

Compliance:

The quarrying activity in the project is progressing by creating benches of 5m width and 5m height. **Plate No.7** showing the work progressing in the quarry area.

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

The project is yet to use mats during the time of blasting. The project is using ordinary delayed detonator for blasting therefore there is no issue with fly rock in the community and the project is also assure the maximum PPV is under 10.

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.	Will be Complied
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Compliance:

Mining depth will 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 sound amplification, the labours in the unit are wearing ear plugs to reduce the impact of noise generation from the machines. Well vegetation is also developed around the mining area to reduce noise and air pollution. This helps the noise level is 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 provided adequate Personnel Protective Equipments (PPE) such as helmets, ear plugs, safety belts, glows, etc. The photograph of the workers with PPE is given in the **Plate No.8**. The copy of the bills for PPE is provided as **Annexure No.5**.

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 has constructed drains in the lower slopes of the project area for storm water management. The storm water canalized to the Rain water harvesting pond the sediments will settle down in the bottom of the pond the over flow from the pond is directed to pond constructed at the lower side of at the project site.

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

The project assure that the trucks are covered to avoid dust emission from the vehicle while transportation of materials. A photograph of covered truck is provided in **Plate No. 9**.

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 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 list of tree saplings planted in the project site as part of eco-restoration is provided in **Table No 3**.

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

The spend oil will be sold only to the approved recyclers, some time it is using as lubricant in the project site.

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

Explosives are stored in magazine. The magazine situated in an isolated place specified and approved by the explosives department.

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

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 above 200 meter form the quarry. The project proponent has left 110 meters of land as safe buffer zone from the nearest temple.

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

There is no forest area near to the project site.

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 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.7**.

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.	
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Compliance:

The certificates obtained from other concerned statutory authorities are enclosed in Annexure No.6, 7, 8 & 9.

TABLE No. 5. DETAILS OF APPROVALS

Name of the Statutory approval	Name of the Statutory authority	Approval Number & Date
Environmental Clearance order	State Environmental Impact Assessment Authority, Kerala	147/SEIAA/EC4/2748/2013 Dated: 10 -08 - 2015
"Consent to Operate" (Renewal)	Kerala State Pollution Control Board	PCB/PTA/QR/172/2014 Dated: 15/06/2015
Explosive License	Ministry of Commerce & Industry – Petroleum & Explosives Safety Organization (PESO)	E/SC/KL/22/1359(E65090) Dated: 10-02-2016
License for quarry operations	Gram Panchayath	A9.177/2016-17 Dated:11/05/2016

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
----	--	--------------

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	Noted
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	suggested safeguard measures in a time bound and satisfactory manner.	
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Compliance:

The project is willing to add 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.	Complied
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Compliance:

The stipulated orders and directions under different act and notification including EIA notification will be 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**

35	The project proponent should advertise in at least two local news papers widely circulated in the region, one which (both 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	Complied
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	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 daily newspapers (English and Malayalam) 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.10**. The details of the news papers are given in the table.

Table No. 6. 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
----	---	-----------------

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.11**. At present the project does not have a website this will be created soon.

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 both in hard copy as well as mail. The result of monitored data is provided in **Annexure No. 3**

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
----	--	----------

Compliance:

The details of the Environmental Clearance are displayed in the project site. The photograph of the board is given in **Plate No.10**. The project proponent will place the metallic board as specified in the conditions of Environmental Clearance.

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.

PLATES

Plate No.1



Concreted road to the quarry

Plate No.2



Rain water harvesting pond

Plate No.3



Sign board

Plate No.4



Avenue Tress

Plate No.5



Solar Street light



Solar panels for office

Plate No.6



Fencing around the mining area

Plate No.7



Benches under progress

Plate No.8



Labours with PPE

Plate No.9



Covered trucks

ANNEXURE

Annexure No.1

Gurucharanam Saranam
CREDIT / CASH BILL
AGRICULTURE DEPARTMENT
SANTHIGIRI ASHRAM

Receipt No: 657 Date: _____

To: _____

No	Items	Unit	Price	Total
	കുണ്ടി	1	140	140
	ലവ	1	60	60
	Medicinal plant		560	560
Grand Total				760

Rupees: _____

Signature of Authority

Gurucharanam Saranam
CREDIT / CASH BILL
AGRICULTURE DEPARTMENT
SANTHIGIRI ASHRAM

Receipt No: 831 Date: 27.8.16

To: _____

No	Items	Unit	Price	Total
	കുണ്ടി	3	250	750
	പാൽ	2	30	60
	കുണ്ടി	1	40	40
	കുണ്ടി	1	170	170
	കുണ്ടി	2	20	40
	കുണ്ടി	1	100	100
	കുണ്ടി	1	80	80
	കുണ്ടി	1	30	30
	കുണ്ടി	3	15	45
Grand Total				1315

Rupees: _____

Signature of Authority

Gurucharanam Saranam
CREDIT / CASH BILL
AGRICULTURE DEPARTMENT
SANTHIGIRI ASHRAM

Receipt No: 831 Date: 26.8.16

To: _____

No	Items	Unit	Price	Total
	പാൽ	2	30	60
	കുണ്ടി	1	60	60
	കുണ്ടി	1	10	10
	കുണ്ടി	1	80	80
	കുണ്ടി	2	25	50
Grand Total				260

Rupees: _____

Signature of Authority

Gurucharanam Saranam
CREDIT / CASH BILL
AGRICULTURE DEPARTMENT
SANTHIGIRI ASHRAM

Receipt No: 831 Date: 26.8.16

To: _____

No	Items	Unit	Price	Total
	Gravel bag	2	15	30
	കുണ്ടി	4	400	1600
	കുണ്ടി	1	200	200
Grand Total				1830

Rupees: _____

Signature of Authority

Copy of bill from Agricultural Department

Annexure No.2

Tin No: 33745683448 Ph: 9846373053
~~9846373053 (M)~~ ✓

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 **A. Aswathy Granites Pvt Ltd Athirumkal. Model**

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

For: MINNU'S ELECTRICALS ✓

Copy of solar purchased

Annexure No.3

* Chalai, Tvm, Thiruvananthapuram-36, 9037521038
(As per KVAT Rules 2005 Form No. 8B)

RETAIL INVOICE (CASH)

Invoice No. : 1632
Date : 13-03-17

Name : ASWATHI GRANITE P.LTD

Com. Code	Commodity / Item	Tax Rate	Unit Price	Quantity	Gross Value	Cash Disc.	Net Value	Tax Amount	Total (9+10)
	TOOR DAL (1)	1.00	67.71	141,000 Kg	9772.71	0.00	9772.71	195.45	9968.16
	GREEN GRAM (1)	1.00	71.29	141,000 Kg	10051.89	0.00	10051.89	201.04	10252.93
	SUGAR (1)	1.00	42.50	141,000 Kg	5992.50	0.00	5992.50	119.85	6112.35
	COCONUT OIL AMRUTH (500ml,POUC)	5.00	56.67	141,000 PKT	8400.47	0.00	8400.47	168.01	8568.48
	MUSTARD	5.00	61.90	14,000 Kg	866.60	0.00	866.60	17.33	883.93
	GARLIC 2	5.00	75.00	14,000 Kg	1050.00	0.00	1050.00	21.00	1071.00
	CURRY	5.00	209.32	7,000 Kg	1465.28	0.00	1465.28	29.31	1494.59
	CHILLY NATTAL RAW 1	1.00	83.17	35,000 Kg	2910.75	0.00	2910.75	58.22	2968.97
	CORIANDER (1)	1.00	89.11	35,000 Kg	3118.85	0.00	3118.85	62.38	3181.23
	TURMERIC POWDER	5.00	114.29	7,000 KG	800.03	0.00	800.03	16.00	816.03
	SALT POWDER(VIJAY)	0.00	145.00	8,000 BGR	990.00	0.00	990.00	0.00	990.00
	RICE	5.00	33.33	1784,000 KG	58794.12	0.00	58794.12	1175.88	60000.00
Lakhs and Nine Thousand and Fourty Four Only					105219.31	0.00	105219.31	3821.19	109040.50
					Total :		109044.50		109044.50

For JAYALEKSHMI TRADERS
Authorised Signatory

CST 3201074761-C

JAYALEKSHMI TRADERS
Chalai, Tvm, Thiruvananthapuram-36, 9037521038
(As per KVAT Rules 2005 Form No. 8B)

Invoice No. : 1633
Date : 13-03-17

Name : ASWATHI GRANITE P.LTD

Com. Code	Commodity / Item	Tax Rate	Unit Price	Quantity	Gross Value	Cash Disc.	Net Value	Tax Amount	Total (9+10)
	RICE CHAMBA PACHARI.	0.00	40.00	10,000 Kg	400.00	0.00	400.00	0.00	400.00
	CANE JAGGERY (1)	5.00	50.48	20,000 Kg	1009.60	0.00	1009.60	50.48	1060.08
	C NUT SPLIT	5.00	714.29	0.250 Kg	178.57	0.00	178.57	8.93	187.50
	KISSHIS (1)	5.00	123.81	0.250 Kg	30.95	0.00	30.95	1.55	32.50
	CARDAMOM (1)	5.00	1428.57	0.050 Kg	71.43	0.00	71.43	3.57	75.00
Thousand Seven Hundred and Fifty Five Only					1690.47	0.00	1690.47	64.53	1755.00
					Total :		1755.00		1755.00

For JAYALEKSHMI TRADERS
Authorised Signatory

CST 3201074761-C

JAYALEKSHMI TRADERS
Chalai, Tvm, Thiruvananthapuram-36, 9037521038
(As per KVAT Rules 2005 Form No. 8B)

RETAIL INVOICE (CASH)

Invoice No. : 1515
Date : 10-02-17

Name : ASWATHI GRANITE P.LTD

Sl. No.	Com. Code	Commodity / Item	Tax Rate	Unit Price	Quantity	Gross Value	Cash Disc.	Net Value	Tax Amount	Total (9+10)
		RICE SULEYVA	0.00	2500.00	22,000 bag	54980.00	0.00	54980.00	0.00	54980.00
		MASOOR DAL	1.00	82.18	136,000 Kg	11176.48	0.00	11176.48	111.76	11288.24
		SUGAR (1)	0.00	44.00	136,000 Kg	5984.00	0.00	5984.00	0.00	5984.00
		COCONUT OIL AMRUTH (500ml,POUC)	5.00	71.43	136,000 PKT	9714.48	0.00	9714.48	194.29	9908.77
		MUSTARD	5.00	66.67	14,000 PKT	933.38	0.00	933.38	46.67	980.05
		GARLIC 1	5.00	140.00	14,000 Kg	1960.00	0.00	1960.00	39.20	1999.20
		CURRY	5.00	238.10	7,000 Kg	1666.70	0.00	1666.70	83.33	1750.03
		CHILLY NATTAL RAW 1	5.00	83.81	34,000 Kg	2849.54	0.00	2849.54	142.48	2992.02
		CORIANDER (1)	1.00	94.06	34,000 Kg	3198.04	0.00	3198.04	31.98	3230.02
		TURMERIC POWDER	5.00	147.62	7,000 Kg	1033.34	0.00	1033.34	51.67	1085.01
		SALT POWDER	0.00	8.95	136,000 Kg	1216.60	0.00	1216.60	0.00	1216.60
		RICE CHAMBA PACHARI.	0.00	42.00	5,000 Kg	210.00	0.00	210.00	0.00	210.00
		CANE JAGGERY (1)	5.00	55.24	8,000 Kg	441.92	0.00	441.92	22.10	464.02
		KISSHIS (1)	5.00	123.81	0.250 Kg	30.95	0.00	30.95	1.55	32.50
		C NUT SPLIT	5.00	35.10	2,000 BGR	70.20	0.00	70.20	3.51	73.71
		PEPPER CUP (110ml)	5.00	742.86	0.250 Kg	185.71	0.00	185.71	9.29	195.00
		GREEN GRAM (1)	1.00	67.33	136,000 Kg	9156.88	0.00	9156.88	91.57	9248.45
Five Lakhs and Seven Thousand Six Hundred Ten Only					106528.19	0.00	106528.19	1061.91	107590.10	
					Total :		107590.10		107590.10	

For JAYALEKSHMI TRADERS
Authorised Signatory

KILITHATTIL FURNITURE
UDHAYA JUNCTION, KALANJOOR-689694 Ph: 9846225338
e-mail ID: kilithattil17@gmail.com

Kerala State, Department of Goods and Service Tax Act
Form GST Invoice as per GST Rule

TAX INVOICE (CASH)
Composition Dealer

Invoice No. : 2 Date : 2/11/2017

Name & Address of the Dealer / Customer : Aswathy Granites
Chasuvayal, K. O. U. P. School
K. O. U. P. School, T. V. M. V. R. P. P. O. K. O. U. P. School
State : Kerala Mobile : GSTIN :

Sl.No.	HSN. code	Commodity Items	Tax%	Rate	No.	Qty.	Amount
1		Desk - Angilwood	-	2500/-	10		25000/-
2		Bench - Angilwood	-	2000/-	10		20000/-
Delivered to Chasuvayal Govt. U.P. School							
						Gross Value	
						Cash Discount	
						Net Value	
						CGST@	
						IGST@	
						Total	45000/-

Vehicle No. : EL-26 G 6029




Total Invoice Value in Words : Fourty five thousand only

Declaration
Certified that all the particulars shown in the above Tax Invoice are true and correct in all respects and the goods on which the charged and collected are in accordance with the provisions of the CST Act.

Seal _____ Signature _____

Receipts of CSR

Annexure No.4







Cert No. FMR / 2894

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)

श्री येल्लाप्रागदा एस गोपाल सुपुत्र आइ. सीतायती राव
 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 किया जाता है। यह प्रमाण-पत्र 28.04.2015 से प्रभावी है।

Shri Yellapragada S. Gopal son of A. Saitayathi 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



 सचिव
 खनन परीक्षा बोर्ड
 Secretary
 Board of Mining
 Examinations



 अध्यक्ष
 खनन परीक्षा बोर्ड
 Chairman
 Board of Mining
 Examinations


Signed and Sealed
 Date: 14.06.2015

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)

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 एतद्द्वारा फोरमैन सक्षमता प्रमाण-पत्र प्रदान किया जाता है। यह प्रमाण-पत्र दिनांक 26.08.2015 से प्रभावी है।

Shri Shivaikumar 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

10027

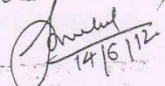

 खान अधिनियम, 1952
THE MINE'S ACT, 1952
 खनन मेट समर्थता प्रमाण-पत्र
MINING MATE'S CERTIFICATE OF COMPETENCY
 (आवक) खान विनियम, 1961 के अधीन
 (Under Metalliferous Mines Regulations, 1961)
 (केवल खन कार्बनयुक्त खानों के अधीन तक सीमित)
 (Restricted to metalliferous mines having open-cast workings only)

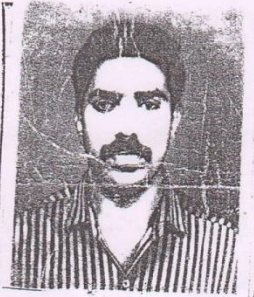
श्री सुपत
 (निवासी) गा.व धारा
 जिला राज्य
 जन्म तारीख ने अपनी आयु, स्वास्थ्यता, सदाचार, साधारता और अनुभव का
 सर्वोपयुक्त प्रमाण दे दिया है और ना को
 में हुई परीक्षा पास कर की है उसे धातवीय खान विनियम, 1961 के अधीन उन धातवीय खानों के लिये जिनमें केवल खुल कार्बनयुक्त तक कार्य
 सीमित होता है खनन मेट समर्थता 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 Shri P.G. Lekshmanan.
 having given satisfactory evidence of his age, medical fitness, good conduct, literacy and experience and having passed an
 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.

खनन परीक्षा बोर्ड
 Secretary,
 Board of Mining Examinations.
 तारीख (Date) 12-7-1992.

खनन परीक्षा बोर्ड
 Chairman,
 Board of Mining Examinations.

अपने हाथ के बाएँ का निशान
 Left hand thumb impression

valid upto 05-06-2017

14/6/12

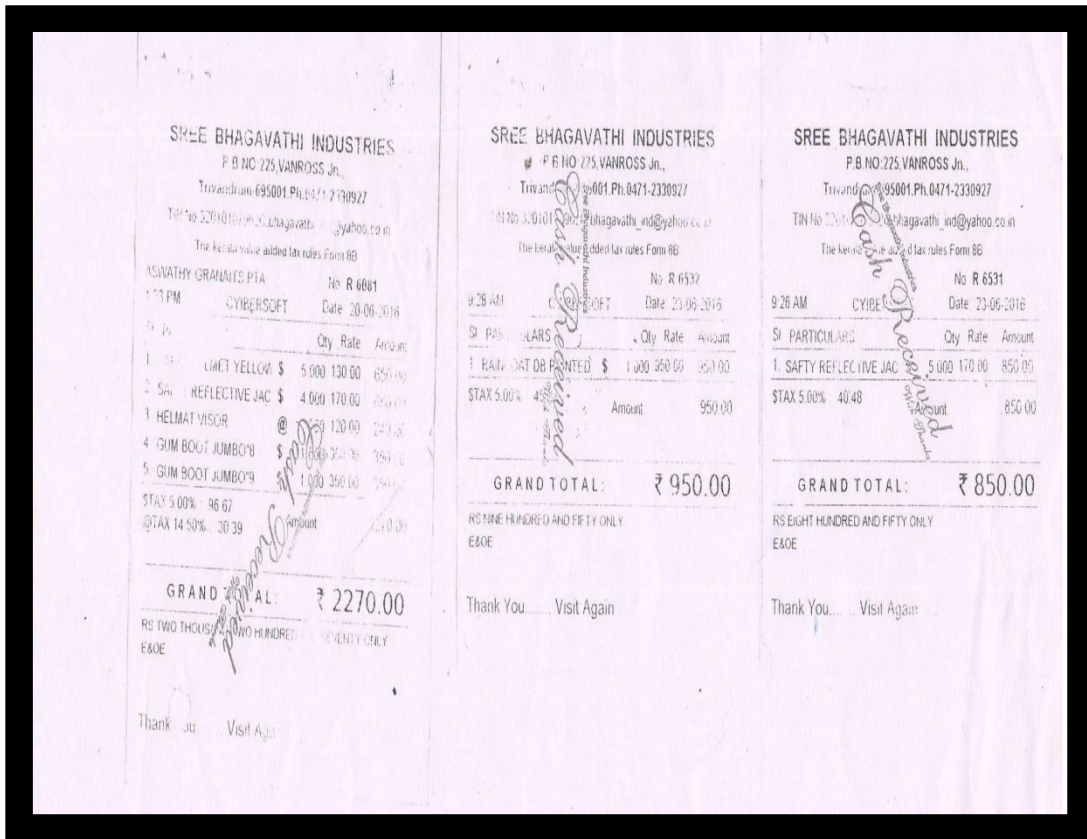


प्रमाणित किया जाता है कि उसकी परीक्षा की गई और उसे ब्रह्मरोपन, सद्योग कृष्टि या अन्य किसी ऐसी धारीरिक या मानसिक अशक्तता से
 रहित पाया गया, जिसका उसके दक्षतापूर्वक कार्य निष्पाद : पर-प्रभाव पड़ने की संभावना हो।
 Certified that he was examined and found free from deafness, defective vision or any other infirmity, mental or
 physical, likely to interfere with the efficient discharge of his duties.

1. 01/7/03/97

Certificate of mining mate


Annexure No.5.



Bill of PPE

Annexure No.6

FILE NO. PCB/PTA/QR/172/2014 Date of issue: 15/06/2015



KERALA STATE
POLLUTION CONTROL BOARD
DISTRICT OFFICE
PATHANAMTHITTA

(ONLINE)

CONSENT TO OPERATE (Renewal)


ISSUED
UNDER

Water (Prevention & Control of Pollution) Act, 1974
Air (Prevention & Control of Pollution) Act, 1981
&
Environment (Protection) Act, 1986

To

Quarry of Aswathy Granites (P) Ltd.,
Murinjakal.P.O, Koodal,
Konni - 689 693,
Pathanamthitta. Dist.

CONSENT NO: QCO/PTA/162/R/2015 VALID UP TO: 31/12/2017



Consent to Operate

Annexure No.8

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

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

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

को अनुज्ञप्ति अनुदत्त की जाती है।

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

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

4. अनुज्ञप्ति 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	100 Kg.
2.	Safety Fuse	6.1	0	2000 Mtrs
3.	Electric Detonators	6.3	0	1500 Nos.
4.	Ordinary Detonator	6.3	0	1500 Nos.

(ख) किसी एक कलेंडर मास में खरीदे जाने वाले विस्फोटक की मात्रा [अनुच्छेद 3(ख) और (ग) के अधीन अनुज्ञप्ति 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 अनुज्ञप्त परिसर की पुष्टि होती रेखाचित्र क्र. (Drawing No.) E/SC/KL/22/1359 है।
The licensed premises shall conform to the following drawing(s): दिनांक (Dated) 02/01/2012 (E65090)

6. अनुज्ञप्ति 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) फेक्स (Fax)


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

8. अनुज्ञप्ति 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.
- अनुज्ञप्ति प्राधिकारी द्वारा हस्ताक्षरित इस अनुज्ञप्ति 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.

Explosive license

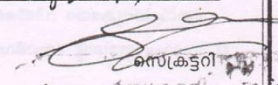
Annexure No.9

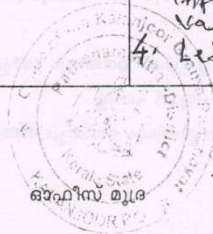


ലൈസൻസ് നമ്പർ. A9..177/2016-17 തീയതി. 11/05/2016
കിളങ്ങൂർ ഗ്രാമ പഞ്ചായത്തിൽ നിന്നും
 1994 ലെ കേരളാ പഞ്ചായത്ത് രാജ് ആക്ട് (1994 ലെ 13) 232, 233, 234, 254 എന്നീ
 വകുപ്പുകളും അതേ തുടർന്നുള്ള ചട്ടങ്ങളും അനുസരിച്ചു നൽകുന്ന

ഡി & ഒ ലൈസൻസ്

ലൈസൻസിയുടെ പേരും മേൽവിലാസവും	സൂപ്പർ പട്ടണമൻ മാണേജ്മെന്റ് പബ്ലിക് ലിമിറ്റഡ് അമ്പലമുക്ക് റോഡ്, കിഴക്കൻ മൂക്കുപുഴ, കി. കി. കി.	
സ്ഥാപനത്തിന്റെ പേരും സ്ഥലനാമവും	അമ്പലമുക്ക് റോഡ്, കിഴക്കൻ മൂക്കുപുഴ, കി. കി. കി.	
ലൈസൻസ് നൽകിയിട്ടുള്ള പ്രവർത്തനങ്ങൾ	കൂടൽ വില്ലേജിലെ ബ്ലോക്ക് നമ്പർ 300003 112/8-1 മന നർമ്മൽ നമ്പർ വൻമുപ്പിലെ 25.65 ഹെക്ടർ സ്ഥലത്ത് നിന്നും 250 മീറ്റർ അകലെയായി ഉപയോഗിച്ചു വരുന്ന നാടൻ വിൽപ്പന നടത്തുന്നതിനായി ഉപയോഗിക്കുന്നതിനും കൂടാതെ	
കെട്ടിടത്തിന്റെ നമ്പരും വാർഡു നമ്പരും	കൂടൽ വില്ലേജിലെ ബ്ലോക്ക് നമ്പർ 300003 112/8-1 മന നർമ്മൽ നമ്പർ വൻമുപ്പിലെ 25.65 ഹെക്ടർ സ്ഥലം	
ലൈസൻസ് കാലയളവ്	09/05/2016 മുതൽ 31/03/2017 വരെ	
ഈടാക്കിയ ലൈസൻസ് ഫീസ്	രസീത് നമ്പർ	11601100945
	Rs. <u>5000</u> രൂപ	Dtd 09/05/2016
ലൈസൻസ് അനുവദിക്കുന്നതിനായി ഹാജരാക്കിയ നിരീക്ഷണ പത്രങ്ങളുടെ വിവരങ്ങൾ (നമ്പർ, തീയതി, കാലയളവ്, നൽകിയ അധികാരസ്ഥാനം)	1. Pcb Consent to operate No. G/PTA/1172/R/2015 Dtd 25/04/2015 Valid upto 30/06/2017 2. Explosive licence no. E/SC/KL/22/1359(E65090) Dtd 10/02/2016 valid upto 31/03/2021 3. EC No. 54 & proceedings no. 147/S61AA/EC4/2748/2013 Dtd 10-8-2015 of the state environmental impact assessment authority, Thiruvananthapuram Valid upto 9/8/2020. 4. Letter of consent No. 601/00PTA/M/16 Dtd 25/4/2016 of the Mining & Geology Dept, PTA	


 സൂപ്പർ പട്ടണമൻ
 കിളങ്ങൂർ ഗ്രാമപഞ്ചായത്ത്



Copy of license form Gram Panchayat

Annexure No.10

www.aswathygranites.com

www.idukkiddcb.in

28.08.2015

8547885169

(ഷെ) ജനറൽ റെവന്യൂ

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%

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[Rule 8 (1) of Security WHEREAS The unders Securityizations and Recco 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 c 8 of the said rules on the The borrowers in particul property and any dealing the amount due from the b

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, കൂടുൽ വില്ലേജിലും, കലഞ്ഞൂർ 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 കാന്തൂക്കി അപ്രൂവ് ഗ്രാന്റേഷൻ പ്രവർത്തിക്കുന്നതിനായി പരിസ്ഥിതി കാന്തൂക്കി അപ്രൂവ് ഗ്രാന്റേഷൻ അപ്രൂവ് ഗ്രാന്റേഷൻ നമ്പർ 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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FIBER OPTICS TECHNOLOGY
അതിന്റെ പുതിയ ഭാഗങ്ങളും നിങ്ങളുടെ അടുത്തു വളരെ പുതിയ ഭാഗങ്ങൾ. അത്യാം ഉയർന്ന ശതമാനം FIBER OPTICS CABLEയുടെ വിപുലമായ അനുഭവം ഉണ്ട്. Communication മേഖലയിൽ നിലവിലുള്ള നല്ല കഴിവുകളും നല്ല കഴിവുകളും ഉണ്ട്. ഇന്റർനെറ്റ് connect ചെയ്യുന്നതിന് വിപുലമായ അനുഭവം ഉണ്ട്. അടുത്ത BATCHയെക്കുറിച്ച്

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Control Society
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882, 2304704.

Advertisements in News papers

Annexure No.11

Kalanjoor Grama Panchayat		8088895
Kalanjoor P.O, Pathanamthitta,		
Phone: 04734270363		
Inward No	5222	Year
Date of Receipt	19/09/2015	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.12

**TEST REPORT**

Test Report No: SEAAL/1710/EN/R077	Date: 27.10.2017	Page 1 of 1
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CUSTOMER DETAILS			
Customer Details	Name & Address	M/s Aswathy Granites (P) Ltd Murinjakal, Adoor Pathanamthitta District	
Monitoring Site	Survey No	110/8, 111/4, 111/5, 112/1-1, 112/1-2, 112/2, 112/1-2, 112/7, 112/8-1, 112/8-2, 112/8-3,	
	Village	Koodal	
	Panchayath	Kalanjoor	
	Taluk	Konni	
	District	Pathanamthitta	
	State	Kerala	
Customer Reference	Test Request form dated 19.10.2017		
SAMPLE DETAILS			
Source of Sample	Ambient Air	Sample Code	SEAAL/1710/EN/S077
Location of Monitoring	Near East side boundary	Sampled By	By Laboratory
Date of Monitoring	20.10.2017	Test Started On	23.10.2017
Sample Received On	21.10.2017	Test Completed On	24.10.2017
Humidity	74 %	Sampling Procedure	IS 5182 Part V & XIV

SL NO	TEST PARAMETER	TEST METHOD	UNIT	RESULTS	NAAQ STANDARD
01	Particulate matter (PM ₁₀)	IS 5182 Part 23: 2006 RA 2012	µg/m ³	63.8	100
02	Particulate matter (PM _{2.5})	EPA 40 CFR Part 50 Appendix - L	µg/m ³	29.4	60.0
03	Sulphur dioxide (SO ₂)	IS 5182 Part 2: 2001 RA 2012	µg/m ³	< 2.00	80.0
04	Nitrogen dioxide (NO ₂)	IS 5182 Part 6: 2006 RA 2012	µg/m ³	< 2.00	80.0

End of Report

For and on behalf of
Standard^S Environmental & Analytical Laboratories

Authorized Signatory

Laiju P. N.
Laboratory Head

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

Accreditation and Approval: NABL as per ISO 17025: 2005 & "A" Grade laboratory of KSPCB
K.J. Tower, Pathalam, Udyogamandal P.O., Ernakulam-683 501, Tel. 0484-2546660, 93 87 27 24 02, 90 20 67 24 02
Web: www.sealabs.in, E-mail: sealab@gmail.com, info@sealabs.in

Result of Ambient Air

Annexure No.13



TEST REPORT



Test Report No: SEAAL/1710/WA/R078	Date: 27.10.2017	Page 1 of 1
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CUSTOMER DETAILS

Customer Details	Name & Address	M/s Aswathy Granites (P) Ltd Murinjakkal, Adoor Pathananthitta District
	Survey No	110/8, 111/4, 111/5, 112/1-1, 112/1-2, 112/2, 112/1-2, 112/7, 112/8-1, 112/8-2, 112/8-3,
	Village	Koodal
	Panchayath	Kalanjoor
	Taluk	Konni
	District	Pathanamthitta
	State	Kerala
Customer Reference	Test Request Form dated 20.10.2017	

SAMPLE DETAILS

Sample Code	SEAAL/1710/WA/S078	Sample Received On	21.10.2017
Sample Name	Open Well	Sampling Procedure	SEAAL/MSP/24
Sample Description	Water	Sampling Location	North West side Boundary
Identification By Customer	---	Sample Condition	Good
Sampled On	---	Test Started On	21.10.2017
Sampled By	Customer	Test Completed On	24.10.2017

SL NO	TEST PARAMETER	TEST METHOD	UNITS	RESULT	ACCEPTABLE LIMIT (IS 10500 - 2012)
01	Colour	IS 3025 Part 4: 1983 RA 2012	Hazen	1.00	5.00 (Max)
02	Odour	IS 3025 Part 5: 1983 RA 2012	---	Unobjectionable	Unobjectionable
03	Turbidity	IS 3025 Part 10: 1984 RA 2012	NTU	0.40	1.00 (Max)
04	pH	IS 3025 Part 11: 1984 RA 2012	---	6.81	6.50 - 8.50
05	Total Dissolved Solids	IS 3025 Part 16: 1984 RA 2012	mg/L	63.0	500 (Max)
06	Total Hardness (as CaCO ₃)	IS 3025 Part 21: 2009	mg/L	28.6	200 (Max)
07	Calcium (as Ca)	IS 3025 Part 40: 1991 RA 2009	mg/L	8.16	75.0 (Max)
08	Magnesium (as Mg)	IS 3025 Part 46: 1994 RA 2009	mg/L	1.99	30.0 (Max)
09	Chloride (as Cl)	IS 3025 Part 32: 1986 RA 2009	mg/L	13.6	250 (Max)
10	Total Alkalinity (as CaCO ₃)	IS 3025 Part 23: 1986 RA 2009	mg/L	17.7	200 (Max)
11	Iron (as Fe)	IS 3025 Part 53: 2003 RA 2009	mg/L	< 0.10	1.00 (Max)
12	Sulphate (SO ₄)	IS 3025 Part 24: 1986 RA 2009	mg/L	2.08	200 (Max)
*13	Total Coli-form Bacteria	IS 1622: 1981 RA 2009	----	Absent/100ml	Absent/100 ml
*14	E coli	IS 15185: 2002	----	Absent/100ml	Absent/100 ml

* Not under NABL.

End of Report

For and on behalf of
Standard^s Environmental & Analytical LaboratoriesLaiju 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

Accreditation and Approval: NABL as per ISO 17025: 2005 & "A" Grade laboratory of KSPCB
K.J. Tower, Pathalam, Udyogamandal P.O., Ernakulam-683 501, Tel. 0484-2546660, 93 87 27 24 02, 90 20 67 24 02
Web: www.sealabs.in, E-mail: seaalab@gmail.com, info@sealabs.in

Result of Water

Annexure No.14

**TEST REPORT**

Test Report No: SEANN/1710/R166	Date: 26.10.2017	Page 1 of 1
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CUSTOMER DETAILS

Customer Details	Name & Address	M/s Aswathy Granites (P) Ltd Murinjakal, Adoor Pathananthitta District
Monitoring Site	Survey No	110/8, 111/4, 111/5, 112/1-1, 112/1-2, 112/2, 112/1-2, 112/7, 112/8-1, 112/8-2, 112/8-3.
	Village	Koodal
	Panchayath	Kalanjoor
	Taluk	Konni
	District	Pathanamthitta
Customer Reference	State	Kerala
Customer Reference	Test Request Form Dated 19.10.2017	
SAMPLE DETAILS		
Source of sample	Ambient Sound Level	
Location of Monitoring	Near East side Boundary	
Date of Monitoring	20.10.2017	

DAYTIME	RESULT	NIGHTTIME	RESULT
06.00 Hrs	36.4 dB (A)	23.00 Hrs	34.9 dB (A)
07.00 Hrs	39.0 dB (A)	00.00 Hrs	37.4 dB (A)
08.00 Hrs	43.1 dB (A)	01.00 Hrs	38.2 dB (A)
09.00 Hrs	46.5 dB (A)	02.00 Hrs	37.8 dB (A)
10.00 Hrs	48.8 dB (A)	03.00 Hrs	38.5 dB (A)
11.00 Hrs	51.8 dB (A)	04.00 Hrs	37.4 dB (A)
12.00 Hrs	49.1 dB (A)	05.00 Hrs	39.2 dB (A)
13.00 Hrs	48.4 dB (A)	RESULTS	
14.00 Hrs	48.8 dB (A)		
15.00 Hrs	49.1 dB (A)	Ambient Sound Level (Leq) Daytime	47.2 dB (A)
16.00 Hrs	50.3 dB (A)		
17.00 Hrs	50.6 dB (A)		
18.00 Hrs	45.4 dB (A)		
19.00 Hrs	42.0 dB (A)	Ambient Sound Level (Leq) Nighttime	37.7 dB (A)
20.00 Hrs	38.3 dB (A)		
21.00 Hrs	37.8 dB (A)		
22.00 Hrs	35.3 dB (A)		

End of Report

For and on behalf of
Standard^S Environmental & Analytical Laboratories

(Signature)
Authorized Signatory
Laiju P. N.
Laboratory Head

Standard^S Environmental & Analytical Laboratories

Accreditation and Approval: NABL as per ISO 17025: 2005 & "A" Grade laboratory of KSPCB
K.J. Tower, Pathalam, Udyogamandal P.O., Ernakulam-683 501, Tel. 0484-2546660, 93 87 27 24 02, 90 20 67 24 02
Web: www.sealabs.in, E-mail: seaalab@gmail.com, info@sealabs.in

Result of ambient Noise