

M/S ASWATHY GRANITES PVT. LTD

COMPLIANCE REPORT

OCTOBER 2020 – MARCH 2021

PATHANAMTHITTA DISTRICT

KERALA

ASWATHY GRANITES Pvt.Ltd.

Murinjakkal P.O. 689 693, Koodal, Pathanamthitta (Dist), Kerala, GSTIN 32AAGCA4607G1Z4

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Dt. 06-04-2021

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 – Quarry project at Koodal Village,
Kalanjoor Panchayath, Adoor Taluk, Pathanathitta District, Kerala –
Compliance Report – Second Half - Reg.

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 Second half (October 2020 – March 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


Mr. Sudheer Sukumaran

(Director)

Copy to:-

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

Encl: - As Above

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

INDEX

Sl. No.	Particulars	Page No.
1.	Introduction	07
2.	Compliance Report – Specific conditions – Part A	08
3.	Compliance Report – General conditions – Part B	11
4.	Plates	27
5.	Annexure	34

LIST OF TABLES

Sl. No.	Particulars	Page No.
1.	Environmental Monitoring Cell (EMC)	12
2.	Details of the vegetation existing along the road side	13
3.	Details of saplings planted as part of eco - restoration	14
4.	Details of performed activities under CSR	16
5.	Details of statutory approvals	23
6.	Details of advertisement published in news papers	25

LIST OF PLATES

Plate No.	Particulars	Page No.
1.	Photograph of Tarred road to the quarry	28
2.	Photograph of Rain water harvesting pond	28
3.	Photograph of Sing board	29
4.	Photograph of Avenue trees	29
5.	Photograph of Solar street light and panel	30
6.	Photograph of Fencing around the mining area	31
7.	Photograph of Benches under progress	32
8.	Photograph of Labours with PPE	32
9.	Photograph of Covered trucks	33
10.	Photograph of Metallic board	33

LIST OF ANNEXURE

Annexure No.	Particulars	Page No.
1.	Copy of bill on the expense incurred in purchase of solar street lights	35
2.	Copy of the receipts under CSR	36
3.	Copy of the qualified personals	40
4.	Copy of bill for PPE	43
5.	Copy of the “ <i>Consent to Operate</i> ” from Kerala State Pollution Control Board (Renewal)	44
6.	Copy of E C order	46
7.	Copy of Explosive License issued by the Ministry of Commerce & Industry – Petroleum & Explosives Safety Organization (PESO)	47
8.	Copy of License for quarry operations from <i>Gram</i> Panchayath	49
9.	Copy of quarrying lease	50
10.	Copy of advertisement in two local news paper	52
11.	Monitoring result of noise	53
12.	Monitoring Result of ambient air	54
13.	Monitoring Result of water	55
14.	Copy of acknowledgement from Gram Panchayat towards the submission of EC	57

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 Second half to the specific conditions and general conditions of the Environmental Clearance order for the period of **October 2020 - March 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.

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

One of the main sources of dust emission is roads. To reduce emission of dust, the project proponent has tarred the approach road of 114 m to the quarry site. This white top road can prevent dust emission during transportation of vehicles. 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 Tarred 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
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Compliance:

The eco restoration plan prepared by the project is being executed in a good manner. 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 started to plant various saplings in and around 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
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Compliance:

To enhance the safety, the steep faces seen on the working sides are marked as danger zone and appropriate sign boards were fixed by the project proponent. The project proponent has erected protective fencing around the mining area to prevent the falling of human and animals in to the mining pit. The photograph of sign board is provided in **Plate No.3**.

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

All mining activities are progressing as per Mining plan approved by the geologist. 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.	Being Complied
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Compliance:

The eco restoration plan prepared by the project proponent is being executed in a good manner. The project started to plant indigenous tree species in and around the project site as part of reclaim the mine area and eco restoration.

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 one 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.2**.

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**.

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.

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 few 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.4**. The details of vegetation 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>coccos 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
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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 3.5KW. 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. 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 does splashes the haulage road and critical areas with the help of vehicles in regular intervals. The sprinklers are also installed in the project site. The sprinklers installed in and around the crusher unit. This help to suppress dust during the time summer season. 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.	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. The list of tree/shrub/herb saplings planted in the project site is given below.

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	Euphorbiaceae	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	<i>Solanaceae</i>	Herb
8.	<i>Gomphia serrata</i>	Peral	Ochnaceae	Small tree
9.	<i>Carica papaya</i>	Papaya	<i>Caricaceae</i>	Tree
10.	<i>Nerium oleander</i>	Arali	Apocynaceae	Shrub
11.	<i>Coccos nucifera</i>	Thengu	<i>Arecaceae</i>	Tree
12.	<i>Psidium guajava</i>	Peraka	Myrtaceae	Tree
13.	<i>Mangifera indica</i>	Mavu	<i>Anacardiaceae</i>	Tree
14.	<i>Hibiscus rosa-sinensis</i>	Chembarathi	Malvaceae	Shrub
15.	<i>Musa paradisiacal</i>	Vazha	<i>Musaceae</i>	Herb
16.	<i>Swietenia mahagoni</i>	Mahagony	<i>Meliaceae</i>	Tree
17.	<i>Tectona grandis</i>	Thekku	<i>Verbenaceae</i>	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.	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 the sector of Water Distribution, Food kit distribution, health etc. 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 copies of bill purchased for CSR are given in **Annexure No. 2**. The details of activities performed under CSR are given in the table.

Table No.4 Performed activates under CSR

Sectors	Activities	Beneficiaries	Amount spent in Rs.
General Help	Food provisions Donation Monthly Distribution	To Community People	1204409.50
Health	Donation	Usha Mani	250
	Donation	Ngarajan	250
	Donation	Sivankutty	75000
	Donation	Abdul vahid	100
	Donation	Syamala	250
	Donation	Salim	1500
	Donation	Ganeshan	5000
Total			1286759.5

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 4 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.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
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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 timing of blasting in the quarry is in between 9.30am to 10.30am, 1.00pm to 2.00pm and 3.30pm to 4.30pm on all working days. The photograph of sign board is given in **Plate No.3**. This is properly working prior to the blasting time.

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 6.30am to 4.30 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 ordinary and electric delayed detonators. 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 site. **Annexure No. 3** 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 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. 1**.

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 is being used to restore the exploited area in future.

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. At present 5 benches are present. **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.	Noted
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Compliance:

The project proponent is using blasting mat to reduce fly rocks during blasting. The project proponent is using ordinary/electric delayed detonator 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.

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 project proponent is following the approved mining plan for the exploitation of building stone. Therefore mining depth does not exceed beyond 10 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 ⁰ .	Noted
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Compliance:

No mining operation is carried out with a slope greater than 45⁰.

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 will help to reduce noise and air pollution. This helps the noise level kept within prescribed standards. The project is trying to enhance the vegetative cover by planting more tree saplings.

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. 8. The copy of bill purchased for Personal Protective Equipments is attached as **Annexure No. 4.**

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 pond created at the lower slopes. 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. The project proponent is intending to create garland drains where it is necessary in the project area for storm water management.

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. 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 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 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:

A portion of spent oil is being used as lubricant in the project site. The excess used oil sold only to the approved recyclers

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.

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.5, 6, 7, 8 & 9.**

TABLE No. 5. DETAILS OF APPROVALS

Name of the Statutory approval	Name of the Statutory authority
Environmental Clearance order	State Environmental Impact Assessment Authority, Kerala
"Consent to Operate" (Renewal)	Kerala State Pollution Control Board
Explosive License	Ministry of Commerce & Industry – Petroleum & Explosives Safety Organization (PESO)
License for quarry operations	Gram Panchayath
Quarrying lease	Govt. of Kerala

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**

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 of the Authority at www.seiaakerala.org . <u>The advertisement should be made within 10 days from the date of</u>	Complied
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	<u>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.10**. The details are given below 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
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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.14**.

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	Compiled
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	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.	
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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**. The compliance report along with monitored data and EC order is uploaded in the website <https://www.aswathygranites.com>.

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 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. 10**.

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



Tarred road to the quarry

Plate No.2



Rain water harvesting pond

Plate No.3



Sign board

Plate No.4



Avenue Tress



Plantation

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

Plate No.10



Metallic board

ANNEXURE

Annexure No.1

Tin No: 33745683448 Ph: 9846373053

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 Granite Pvt Ltd Athirumkal, Kerala*

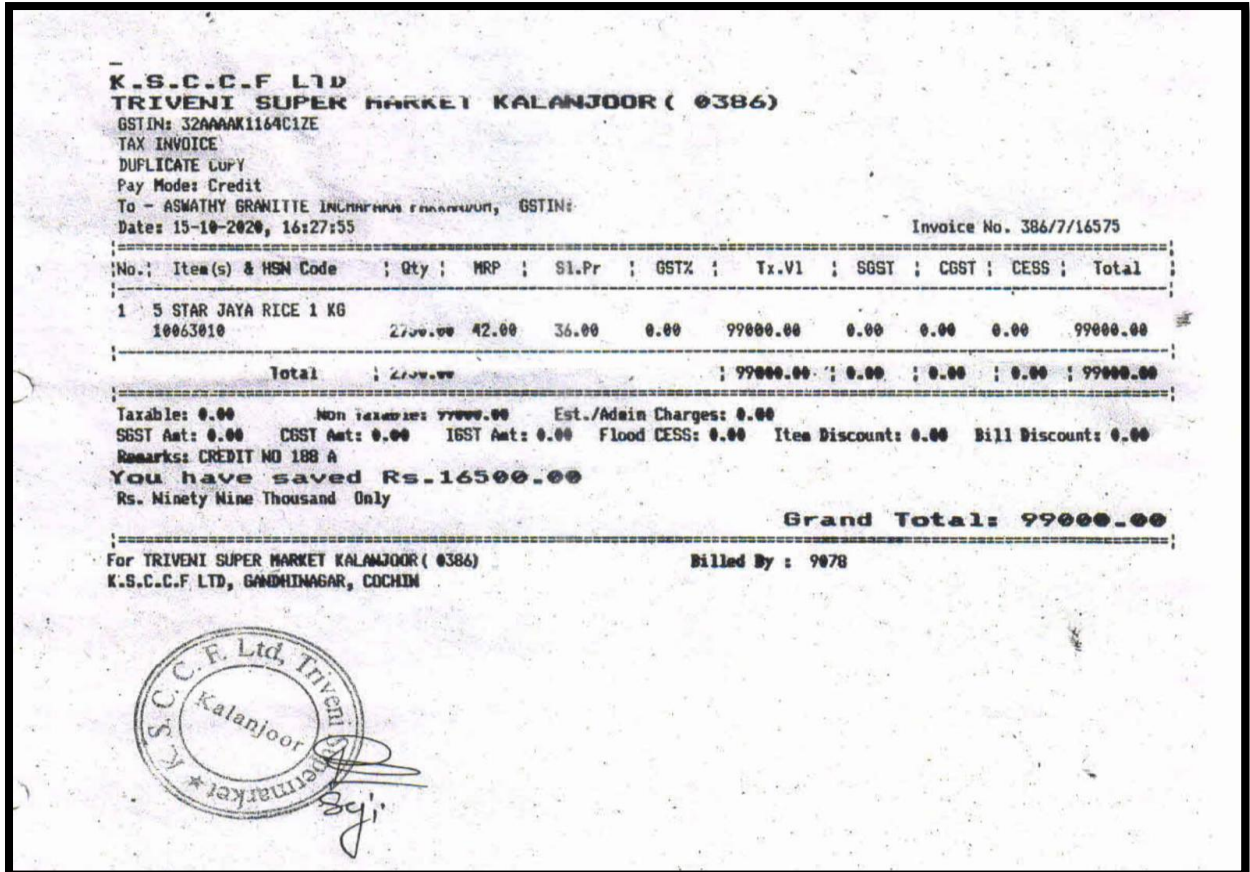
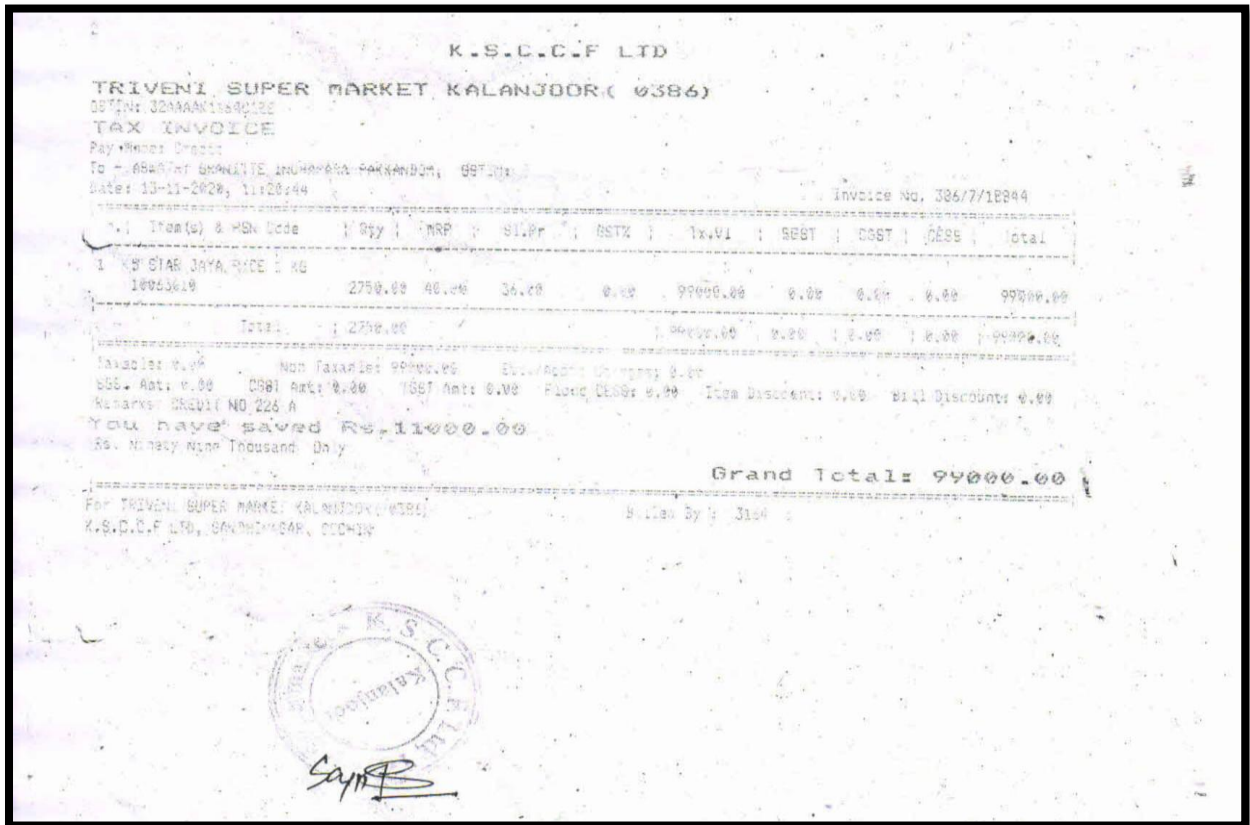
Sl. No.	Particulars	Qty.	Rs.	Ps.
<i>20160 150726</i>	<i>Solar, 30w. Led top assembly</i>	<i>1</i>	<i>30000</i>	
<i>Ch: No.</i>	<i>012066 - dt 30/5/16</i>			
TOTAL		<i>1</i>	<i>30000</i>	

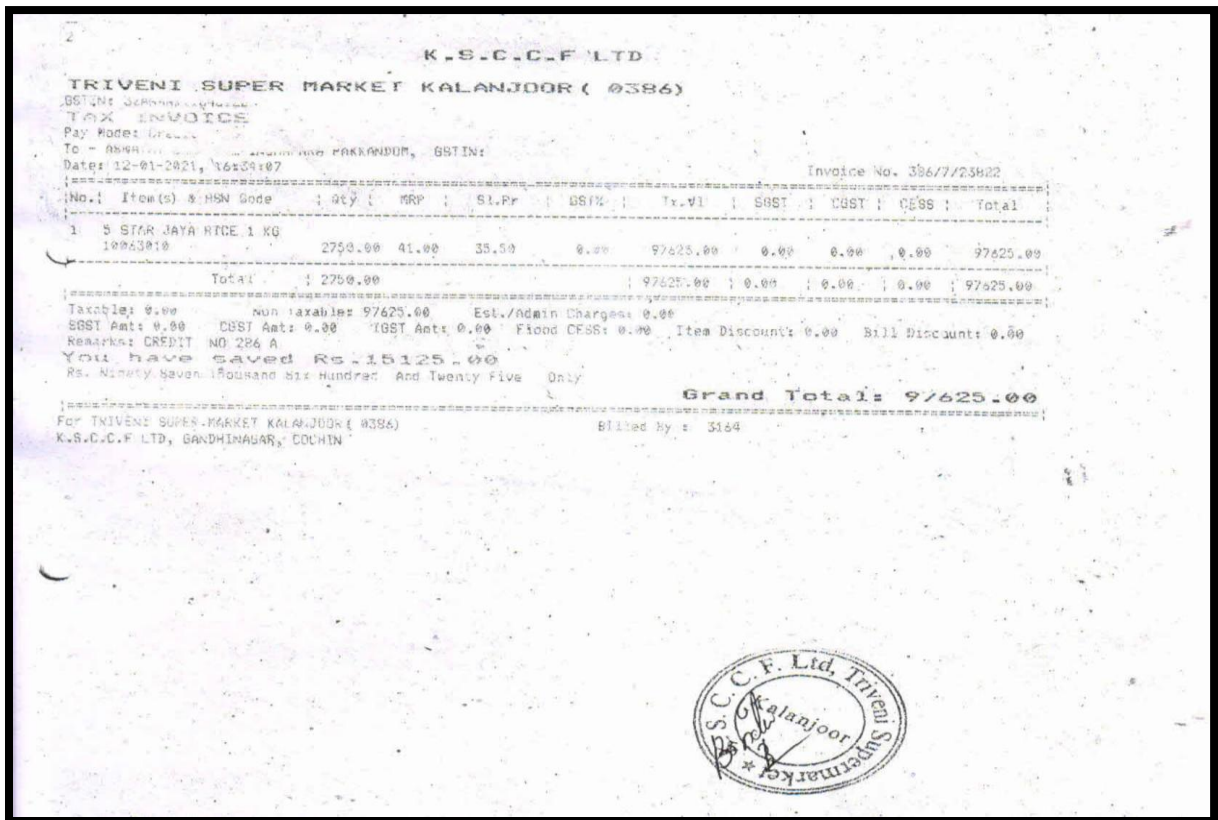
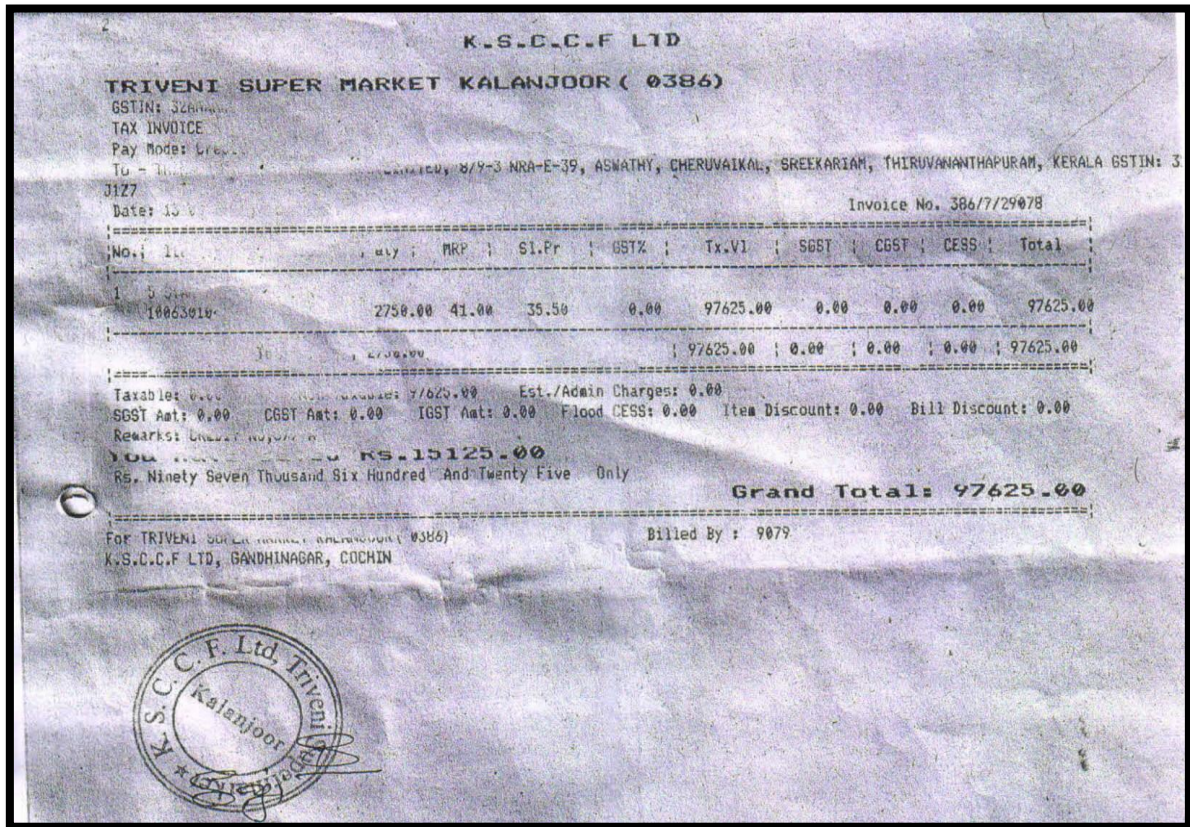
MINNUS SOLAR ENERGY SOLUTIONS
Chitter
Korini - Pathanamthitta


For: MINNU'S ELECTRICALS

Copy of solar purchased

Annexure No.2





 ASWATHY GRANITES Pvt.Ltd. Murinjakkal P.O., Koodal, Pathanamthitta (Dist) 689 693, Kerala Tel. 8547867140, 8547872140, Fax. 0468 2269727		Date: 13/10/2020 V.No. # B 47016
Cash/Cheque Payment Voucher		
Payee <u>Ganeshan R</u>		
Being		Amount
<u>paid donation for marriage of his daughter</u>		5000/-
Rs. <u>Five thousand only</u>		5000/-
Bank	Cheque No.	Date
AMOUNT DISTRIBUTION		
Cost Center	Account	Amount
		5000/-
Prepared	Checked	Approved-G.M.
<u>[Signature]</u> 13/10/20		<u>[Signature]</u>
		Received

MEDICAL CERTIFICATE

This is to certify that Mr/Mrs SALIM
Sreena Mangal, Nadukunnu, Punalur
 has been suffering from chronic kidney disease (CKD) and on dialysis from this hospital from 10.17.2019 on wards.
 This Certificate is issued to avail financial assistance from SANTHANAM TRUST Only.

Place: Punalur
 Date: 3/10/20

1500/-

Medical Officer
 Dialysis Unit
 THQH, Punalur

വിജയ സ്വാമി
 നായത്തുറകരോട്
 അതിരൂർ

സാർ,
 ഈ വർഷത്തെ കർഷകർക്കുള്ള പദ്ധതിയിൽ
 ഉൾപ്പെടുത്തണമെന്നും കർഷകർക്കുള്ള
 അപേക്ഷിച്ചു കൊള്ളുന്നു.

9/3/2021

വിജയസ്വാമി
 വിജയസ്വാമി
 Babu
 Phone: 9605061183

From
 Koushalya Perumal
 Podimannil Divya Bhavan
 Pakkandam

To
 The manager
 Aswathy Granite
 Pakkandam

സാർ
 ഇപ്പോൾ നമ്മുടെ കൂടെയുണ്ടാകുന്ന
 കർഷകർക്കുള്ള പദ്ധതിയിൽ ഉൾപ്പെടുത്തണമെന്നും
 കർഷകർക്കുള്ള അപേക്ഷിച്ചു കൊള്ളുന്നു.



അതിരൂർ
 11-03-2021

എം വിജയസ്വാമി
 Koushalya
 Patti-Koushalya

Phone No : 99 95 42 37 81


Receipts of CSR

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 यल्लाप्रागदा 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 किया 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

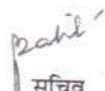
भारत सरकार/Government of India
 खान अधिनियम, 1952/Mines Act, 1952
 खनन परीक्षा बोर्ड/Board of Mining Examinations

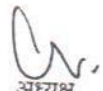
फोरमैन सक्षमता प्रमाण-पत्र
FOREMAN'S CERTIFICATE OF COMPETENCY
 (घात्विकीय खान विनियम, 1961 के अन्तर्गत)
 (Under the Metalliferous Mines Regulations, 1961)



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

No. of Document: 10027

No. of Document: 10027


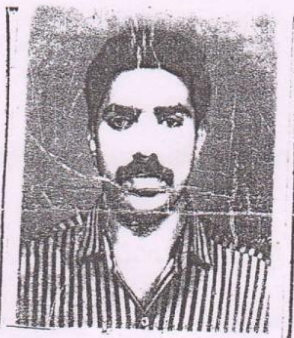

 खान अधिनियम, 1952
THE MINE'S ACT, 1952
 खान मेंट समर्थता प्रमाण-पत्र
MINING MATE'S CERTIFICATE OF COMPETENCY
 (आवक खान विनियम, 1961 के अधीन)
 (Under Metalliferous Mines Regulations, 1961)
 (केवल खल कार्यस्थल वाली धातवीय खानों तक सीमित)
 (Restricted to metalliferous mines having open-cast workings only)

श्री , सुपत
 (पितामही) ग.व , थाना
 जिला , राज्य
 जन्म तारीख ने अपनी आयु, स्वरथता, 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 मेंट समर्थता प्रमाण-पत्र दिया जाता है।
 श्री M.L. 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 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.

खान परीक्षा बोर्ड
 Secretary,
 Board of Mining Examinations.
 तारीख/Date: 17-7-1992.

खान परीक्षा बोर्ड
 Chairman,
 Board of Mining Examinations.

जपे हाथ के अंगुठे का निगान
 Left hand thumb impression

valid up to 05-06-2017



प्रमाणित किया जाता है कि उम्मीदारी परीक्षा की गई और उसे अश्रुतेपन, सदीप दृष्टि या अन्य किसी ऐसी धारीरिक या मानसिक अशक्तता से
 रहित पाया गया, जिसका उसके दक्षतापूर्वक कार्य निष्पाद करने में 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.4



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)	

Page1

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 14:04:44 +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.

Page2

Consent to Operate


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

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



Space :
photog
license
with-st

1. Licence is hereby granted to
sudheer Sukumaran (अधिभागी / 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. सं.	नाम और विवरण	वर्ग और प्रभाग	उप-प्रभाग	मात्रा किसी एक समय में
Sr. No.	Name and Description	Class & Division	Sub-division	Quantity at any one time
1.	Nitrate Mixture	2,0	0	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) Adoon Taluk, District Pathanamthitta**
जिला (District) **PATHANAMTHITTA** राज्य (State) **Kerala** पिनकोड (Pincode) **Koodal**
दूरभाष (Phone) **9447439826** ई. मेल (E-Mail) 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.

- उपयुक्त 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 द्वारा हस्ताक्षरित 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 दांडिक अपराध होगा।

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

Explosive license

Annexure No.8



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.9

④ *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, Murinjakal 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/- സ്കൂലിൻ സ്കൂളിനുവേണ്ടി,
 21/4/17 ചിങ്ങമുക്ക് ഡയറക്ടർ ഓഫീസിൽ
 പ്രാബല്യത്തിൽ, ചിങ്ങമുക്ക്.*

കോന്നി സ്വഭാവം

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

Page 2 of 9

Quarrying lease

Annexure No.11

**TEST REPORT**

Test Report No: 20201207/R056	Date: 11.12.2020	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: 07.12.2020

DETAILS OF MONITORING			
Product Category	Atmospheric Pollution	Sample Code	20201207/S056
Sample Name	Ambient Noise	Monitoring Commenced on	07.12.2020
Monitoring Location	East Side Boundary	Monitored by	Lab Authorized Sampler
Test Method	IS 9989:1981 RA:2008		

SAMPLING SITE DETAILS			
Survey No.	110/8,111/3,111/4,111/5,112/1-1,112/1-2,112/2, 112/1-2,112/4,112/5,112/7,112/8-1,112/8-2,112/8-3, 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	36.4	14:00	48.8	22:00	35.2
07:00	39.0	15:00	49.1	23:00	35.3
08:00	43.1	16:00	50.3	24:00	34.9
09:00	46.5	17:00	50.6	01:00	35.6
10:00	48.8	18:00	45.4	02:00	35.3
11:00	51.8	19:00	42.0	03:00	36.0
12:00	49.1	20:00	38.3	04:00	34.9
13:00	48.4	21:00	37.8	05:00	36.6

TEST RESULTS- CHEMICAL PARAMETERS			
Sl. No.	PARAMETERS	UNIT	RESULT
1	Ambient Sound Level (Leq) Day Time (06:00 to 22:00)	dB(A)	47.2
2	Ambient Sound Level (Leq) Night Time (23:00 to 05:00)	dB(A)	35.3

Remarks:

End of Report


Shency Joy
Dy. TM Chemical

Checked by:




Baiju P. N.
Laboratory Head

Authorized Signatory

Standard^S Environmental & Analytical Laboratories

Accreditation and Approval: NABL as per ISO 17025: 2017 & "A" Grade Laboratory of KSPCB
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: 20201207/R055	Date: 11.12.2020	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: 07.12.2020		

SAMPLE DETAILS

Product Category	Atmospheric Pollution	Sample Code	20201207/S055
Sample Name	Ambient Air	Sample Received on	08.12.2020
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	08.12.2020
Sampled by	Lab Authorized Sampler	Test Completed on	11.12.2020

DETAILS OF SAMPLING

Sampling Location	Near North West Boundary	Date of Sampling	07.12.2020
Sampling Procedure	SEAAL/ENL/GEN/SOP/02	Humidity	72%

SAMPLING SITE DETAILS

Survey No.	110/8,111/3,111/4,111/5,112/1-1,112/1-2,112/2, 112/1-2,112/4,112/5,112/7,112/8-1,112/8-2,112/8-3, 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	46.3	Max 100
2	Particulate Matter, PM _{2.5}	EPA 40 CFR (Part 50) Appendix - L	µg/m ³	22.5	Max 60
3	Sulphur Dioxide as SO ₂	IS 5182 (Part 2): 2001 RA 2017	µg/m ³	<2.00	Max 80
4	Oxides of Nitrogen as NO ₂	IS 5182 (Part 6): 2006 RA 2017	µg/m ³	<2.00	Max 80

Remarks:

End of Report



Shency Joy
Dy. TM Chemical

Checked by:



Laiju P. N.
Laboratory Head
Authorized Signatory

Standard^S Environmental & Analytical Laboratories

Accreditation and Approval: NABL as per ISO 17025: 2017 & "A" Grade Laboratory of KSPCB
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: 20201207/R057	Date: 11.12.2020	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: 07.12.2020		

SAMPLE DETAILS


Product Category	Water	Sample Code	20201207/S057
Sample Name	Open Well	Sample Received on	08.12.2020
Sample Conditions at Receipt	Fit for Analysis	Temperature @ Receipt	4 °C
Sample Quantity & Packing	1L & 100ml Plastic Bottle	Test Commenced on	08.12.2020
Sampled by	Not drawn by laboratory	Test Completed on	11.12.2020

SAMPLING SITE DETAILS


Survey No.	110/8,111/3,111/4,111/5,112/1-1,112/1-2,112/2, 112/1-2,112/4,112/5,112/7,112/8-1,112/8-2,112/8-3, 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	1.00	Max 5
2	Odour	IS 3025 (Part 5):2018	---	Agreeable	Agreeable
3	Turbidity	IS 3025 (Part 10):1984 RA 2017	NTU	0.20	Max 1
4	pH	IS 3025 (Part 11):1983 RA 2017	---	6.92	6.50 – 8.50
5	Conductivity	IS 3025 (Part 14):1984 RA 2019	µS/cm	144	---
6	Total Dissolved Solids	IS 3025 (Part 16):1984 RA 2017	mg/L	93.0	Max 500
7	Total Hardness as CaCO ₃	IS 3025 (Part 21):2009 RA 2019	mg/L	44.4	Max 200
8	Calcium as Ca	IS 3025 (Part 40):1991 RA 2019	mg/L	12.9	Max 75
9	Magnesium as Mg	IS 3025 (Part 46):1994 RA 2019	mg/L	2.95	Max 30
10	Chloride as Cl	IS 3025 (Part 32):1988 RA 2019	mg/L	15.7	Max 250


Shency Joy
 Checked by:


Salini T. S.
 Microbiologist
 Authorized Signatory


Laiju P. N.
 Laboratory Head
 Authorized Signatory

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: seaalab@gmail.com

**TEST REPORT**

Test Report No: 20201207/R057	Date: 11.12.2020	Page 2 of 2
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11	Total Alkalinity as CaCO ₃	IS 3025 (Part 23):1986 RA 2019	mg/L	33.8	Max 200
12	Iron as Fe	IS 3025 (Part 53):2003 RA 2019	mg/L	0.18	Max 1
13	Sulphate as SO ₄	IS 3025 (Part 24):1986 RA 2019	mg/L	2.80	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


Laiju P. N.
 Laboratory Head

Authorized Signatory

Standard^S Environmental & Analytical Laboratories

Accreditation and Approval: NABL as per ISO 17025: 2017 & "A" Grade Laboratory of KSPCB
 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

Result of Water

Annexure No.14

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