

COMPLIANCE REPORT

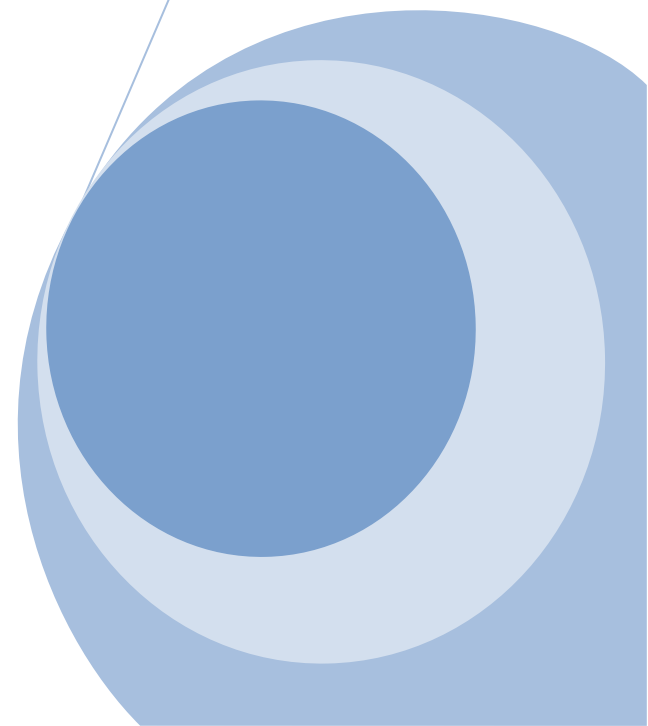
October 2017 - March 2018

M/s Plakkatu Granite Industries Pvt. Ltd

(Quarry Project)

Pathanamthitta District

Kerala



**PLAKKATTU GRANITE INDUSTRIES PVT. LTD.**

PAYANAMON P.O., KONNI, PATHANAMTHITTA, KERALA - 689 692

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Dt.01-09-2018

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. 870/SEIAA/EC4/3101/2015

Sub :- Environment Clearance – Quarry project at Konnithazham Village, Konni Panchayath, Konni Taluk, Pathanamthitta District, Kerala – Compliance Report – Second half - Reg.

Respected Sir,

The Quarry (Building stone) project was accorded Environmental Clearance for **3.5723 Ha.** by order No. **870/SEIAA/EC4/3101/2015** dated 06.05.2017 by State Environmental Impact Assessment Authority, Kerala. The compliance report of **Second half** (October 2017 - March 2018) to the specific and general conditions of the Environment Clearance order is enclosed.

Thanking you,

Yours respectfully,

For ~~M/s Plakkattu Granite Industries Pvt. Ltd~~

Mr. Jacob Thomas
(Managing 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: 870/SEIAA/EC4/3101/2015

Dated: 06.05.2017

BY

STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY (SEIAA)

FOR

BUILDING STONE QUARRY

(MINOR MINERAL MINING) PROJECT

AT

**Survey No. 571/1A/34-5, 571/1A/34-4, 571/1A/34-4-1, 571/1A/12,
571/1A/12-56, 571/1A/13-137, 571/1A/12/54/127, 571/1A/12/54-1
571/1A/12/54-2 at Konnithazham Village, Konni Panchayath, Konni
Taluk, Pathanamthitta District, Kerala**

BY

M/s. Plakkatu Granite Industries Pvt. Ltd

Pathanamthitta District Kerala

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INTRODUCTION

The quarry project of **M/s. Plakkatu Granite Industries Pvt. Ltd** is situated at Survey No. 571/1A/34-5, 571/1A/34-4, 571/1A/34-4-1, 571/1A/12, 571/1A/12-56, 571/1A/13-137, 571/1A/12/54/127, 571/1A/12/54-1 571/1A/12/54-2 at Konnithazham Village, Konni Panchayath, Konni Taluk, Pathanamthitta District, Kerala

The quarry project was accorded with the Environmental Clearance (EC) by State Environmental Impact Assessment Authority on 06.05.2017. 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 2017- March 2018** is being submitted.

COMPLIANCE REPORT

(SPECIFIC CONDITIONS)

PART A

PART - A – SPECIFIC CONDITIONS

01	The depth of mining may be up to the general ground level at site and not the level of the PWD road to Thekkuthodu.	Complied
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Compliance:

The depth of mining will be up to the general ground level at site and it won't be the level of the PWD road to thekkuthodu.

02	Proponent may submit copy/copies of the sale deeds in respect of the lands involved in the proposed mining area of 3.5723 Ha. For verification.	Complied
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Compliance:

For Verification the project has submitted copies of the sale deeds in respect of lands involved in the proposed mining area of 3.5723 Ha.

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.	Will be Complied
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Compliance:

Even though it is not specified in KMBR/KPBR to collect rain water in mining area, the proponent will develop a rain water harvesting pond in the project site to collect rain water falling in the entire mining area.

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

The Environmental Monitoring Cell (EMC) will be formed y to evaluate and monitor specific and general conditions stipulated in the Environmental Clearance (EC) order.

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.	Being complied
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Compliance:

Green belt is an important component in the mining sector. To reduce air and noise pollution, the project proponent has started to plant various avenue trees along either side of the road. There is also natural vegetation including trees, shrubs and climbers are presents in the sides of road and parking area. The project could plant more suitable avenue trees along either side of the tarred road and open parking areas, where there is less vegetation.

04	Maximum possible solar energy generation and utilization shall be ensured as an essential part of the project.	Will be complied
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Compliance:

As part of energy conservation, the project proponent will generate and utilize energy by installing solar panels/solar street lights in the project site.

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

The project splashes the haulage road and critical areas with the help of vehicles in regular intervals to arrest dust emissions from the road while transportation of materials. The sprinklers will also installing in the project site for suppression of dust.

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:

Eco restoration is in an integral part of mining activity. The eco restoration and the mine closure plan will be done at the own cost of the project proponent as per the approved mining plan.

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, if no other specific condition on reclamation of pit is stipulated in the EC.	Will be complied
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Compliance:

The project proponent will retain 10 percent of total excavated pit as rain water storage area. 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.	Will be complied
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Compliance:

As part of inclusive growth of the community, the project proponent will execute various activities under Corporate Social Responsibility of the firm with the consultation of Panchayath. The main activities were under the sectors of education, housing, health etc.

09	The lease area shall be fenced off with barbed wires to a maximum height of 4ft around, before starting of mining. All the boundary indicators (boards, stores, markings etc) shall be protected at all times and shall be conspicuous.	Being Complied
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Compliance:

To demarcate the lease area, the project proponent has installed fencing around major part of the project site where Environmental Clearance obtained.

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

This alarm can intimate the general public that the blasting is going to happen. As per the stipulation of Explosive department, the project will install warning alarms in the quarry site.

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

To reduce noise and vibration, the following measures will adopt in the project site.

- 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.

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

To reduce the adverse effect of Quarrying activities in the community, the mining activity will limit to day time as per KSPCB guidelines. The proposed Quarrying time is from 6 am - 6 pm.

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

The blasting will be done in controlled manner by using ordinary/electric delayed detonators. All blasting activities will carried out under the supervision of qualified persons with the specified regulations of explosive department.

14	A licensed person should supervise/control the blasting operations.	Will be complied
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Compliance:

The project proponent will appoint mines manager, foreman and mining mates in the site to supervise/control exploitation of minor minerals including blasting at the project site.

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

To contain dust emissions and for the trouble free transportation of materials, the project has been maintaining the access road to the quarry site. The project splashes water on the road to arrest the dust production during summer season.

16	Overburden materials should be managed within the site and used for reclamation of mine pits as per mine closure plan/ specific conditions.	Will be complied
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Compliance:

The overburden and topsoil need to extract during the time of mining, these natural resources will be staked in the project site. This will be used for plantation, haulage roads and land filling in the mining area. No overburden will let out from the project site.

17	Height of the benches should not exceed 5m, and width should not be less than 5m, if there is no mention is the mining plan/specific conditions.	Will be complied
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Compliance:

The quarrying will be carried out as per mining plan. To enhance safety and conserve environment, the project will extract the minerals by creating benches. The benches will not exceed 5 meters of height and the width of the bench will have minimum of 5 meters.

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 will use ordinary/electric delayed detonator. The blasting will be under the supervision of qualified person. The new technology of delayed blasting can reduce the incident of fly rock. Blasting during unfavorable weather conditions will be avoided. During blasting it will maintain optimum delay sequence and stem to column ratio to minimize the fly rock distance. Mats to prevent fly rock during blasting will be arranged shortly.

19	Maximum depth of mining from general ground level at site shall not exceed 10m.	Will be complied
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Compliance:

Mining depth will 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°.	Noted
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Compliance:

No mining operation will carry 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.	Will be complied
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Compliance:

To reduce the impact of sound to the labours in the unit, the project will provide 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.	Will be Complied
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Compliance:

To ensure the safety of workers in working site, the project proponent will arrange adequate Personnel Protective Equipments (PPE) such as helmets, ear plugs, safety belts, glows, etc.

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

The project proponent will ensure that all storm water from the mining area will flow in to the pond creating at mining area. 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.	Will be complied
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Compliance:

The project will assure that the loaded trucks were covered with appropriate sheets to avoid dust emission from the vehicle while transportation of materials.

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

The project proponent will plant various saplings in the project area as a compensation of loss of trees while the project is clearing the land for mining.

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

Disposal of spent oil from diesel engines will sell to the approved recyclers specified under relevant Rules/Regulations.

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

As part of safety, Explosives will be stored in magazine. The magazine situated in an isolated place specified and approved by the explosives department. The area surrounded to the magazine was fenced with barbed metal wire.

28	A minimum buffer distance of 100m meter from the boundary of the quarry to the nearest dwelling unit or other structures, not being any facility for mining shall be provided.	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. There is 103 meter distance to the nearest house from the boundary of mining area.

29	100 m buffer distance should be maintained from forest boundaries.	Noted
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Compliance:

There is no forest in 4 km of vicinity to the project site. The nearest forest is Kumaramperoor Forest Station which is 4 km away from 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.1**.

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.1, 2, 3, 4 & 5**

1. The consent from PCB
2. Environmental Clearance
3. Explosive License issued by the Ministry of Commerce & Industry – Petroleum & Explosives Safety Organization (PESO)
4. License from Gram Panchayath
5. lease order

32	In the case of any change(s) in the scope of the project, extent quantity, process of mining technology involved or in any way affecting the environmental parameters/impacts as assessed, based on which only the EC is issued, the project would require a fresh appraisal by this Authority, for which the proponent shall apply and get the approval of this Authority.	Will be complied
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Compliance:

At present there is no change in the scope of the project. The project will seek for a new Environmental clearance in the case of any change(s) in the scope of the project.

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:

The project 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 notification will be scrupulously followed.

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	Complied
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	<p>available with the Department of Environment and Climate Change, Govt. of Kerala and may also be seen on the website of the Authority at www.seiaakerala.org. The advertisement should be made within 10 days from the date of receipt of the Clearance letter and the copy of the same signed in all pages should be forwarded to the office of this authority as confirmation.</p>	
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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.

36	<p>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.</p>	Complied
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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.

37	<p>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</p>	complied
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	update the same periodically. It shall simultaneously be sent to the respective Regional Office of MoEF, Govt. of India and also to the State Environment Impact Assessment Authority (SEIAA) office.	
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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, Bangalore both in hard copy as well as mail.

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. Sign board with extent of lease area and boundaries shall be depicted at the entrance of the quarry, visible to the public.	Will be Complied
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Compliance:

The project didn't start its operation. The details of the Environmental Clearance will display on metallic board in the project site. The metallic board will be installed as specified in the conditions of Environmental Clearance order.

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.	Complied
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Compliance:

An assurance in the form of affidavit was already submitted to SEIAA Kerala.

40	No change in mining technology and scope of working should be made without prior approval of the SEIAA, No further expansion or modification in the mine shall be carried out without prior approval of the SEIAA, as applicable.	Noted
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Compliance:

The project proponent is not intending to expand the area of mine, technology and scope of working. The project will appear SEIAA for Environment Clearance if the project wants to expand its scope.

41	The project proponent shall ensure that no natural water course and/or water resources shall be obstructed due to any mining operations. Necessary safeguard measures to protect the first order streams, if any originating from the mine lease shall be taken.	Noted
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Compliance:

There is no such natural water course or thodu is flowing along the project site. The project will ensure the natural runoff of storm water. No stream is originating from the lease area.

42	Monitoring of Ambient air Quality to be carried out based on the notification 2009, as amended from time to time by the Central Pollution Control Board. Water sprinkling should be increased at places loading and un loading points & transfer point to reduce fugitive emissions.	Noted
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Compliance:

The project proponent will monitor the ambient air quality as per National Ambient Air quality Standard (NAAQS). The project is intending to increase the splashing of water and installed sprinklers at loading, unloading and transfer points. This activity can reduce the fugitive emission.

43	The top soil, if any, shall be temporarily be stored at earmarked site(s) only for the topsoil shall be used for land reclamation and plantation. The Over Burden (OB) generated during the mining operations shall be staked at earmarked dump site(s) only. The	Will be complied
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	<p>maximum height of the dumps shall not exceed 8m and width 20m and overall slope of the dumps shall be maintained to 45°. The OB dumps should be scientifically vegetated with suitable native species to prevent erosion and surface run off. In critical areas, use of geo textiles shall be undertaken for stabilization of the bump. The entire excavated area shall be backfilled. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining.</p>	
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Compliance:

To prevent the soil erosion, the top soil and overburden will be stacked in a designated place within the project site. Only topsoil will be used for plantation. Overburden will be used for landfill and to construct haulage roads in the mining area. The excess will be stored in a designated place.

44	<p>Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, mineral and OB dumps to prevent run off of water and flow of sediments directly into the river and other water bodies. The water so collected should be utilized for watering the mine area, roads, green belt development etc., The drains shall be regularly de silted particularly after monsoon and maintained properly.</p>	<p>Will be complied</p>
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Compliance:

The project proponent will construct effective garland drains to catch all the storm water during the time of monsoon season. These channels will direct the water to the rain water collection pond. All sediments and silts will settle at the bottom of the pond and only cleared water is letting out.

45	<p>Effective safeguard measures such as regular water sprinkling shall be carries out in critical areas prone to air pollution and</p>	<p>Will be complied</p>
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	having high levels of PM₁₀ and PM_{2.5}, such as haul road, loading and unloading points and transfer points – it shall be ensured that the Ambient Air Quality Parameters confirm to the norm prescribed by the Central Pollution Control Board in this regard.	
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Compliance:

The project proponent will fix sprinklers in critical area to reduce the dust emission such as loading and unloading points, haul roads and transfer points. The ambient air quality will be monitored with the help of an approved laboratory.

46	Fugitive dust emission from all the sources should be controlled regularly. Water spraying arrangements on haul roads, loading and unloading and at transfer point should be provided and properly maintained.	Will be complied
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Compliance:

To prevent dust emissions, the project proponent will install sprinklers in critical area to reduce the dust emission such as loading and unloading points, haul roads and transfer points. The water spraying will be carried out regularly to arrest the dust emission. The sprinklers and vehicle for water spraying will be properly maintained.

47	Measures should be taken for control of noise levels below 85 dBA in the work environment.	Will be complied
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Compliance:

The project proponent will take necessary measures for control of noise levels below 85dBA. The project proponent will take appropriate action to reduce the sound by employing possible measures. Some of the measures are mentioned under the condition number 11.

48	A separate Environmental Management Cell with suitable qualified personal should be set up under the control of a senior executive, who will report directly to the Head of the Organization.	Will be complied
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Compliance:

To monitor all conditions stipulated in the Environment Clearance and environment Management Plan, the project proponent will constitute an Environment Monitoring Cell.

49	The funds earmarked for environmental protection and CSR activities should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the State Environment Impact assessment authority (SEIAA) office.	Will be complied
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Compliance:

The project proponent could execute many activities under Corporate Social Responsibility (CSR) for community development. To implement these activities in a good manner, the project proponent will open an account for keeping the funds earmarked for environmental protection and CSR.

50	The Regional Office of MoEF &CC located at Bangalore shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer(s) of the regional Office by furnishing the requisite data/information/monitoring reports.	Will be complied
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Compliance:

The project proponent will extent all possible cooperation to the officers form regional office of MoEF & CC and can produce all data/information/reports when they are asking for.

51	Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred within a period of 30 days as prescribed under section 16 of the National Green tribunal Act, 2010.	Noted
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52	Concealing the factual data or submission of false/ fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Noted
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53	The SEIAA may revoke or suspend the order, for non implementation of any of the specific or this implementation of any of any of the above conditions is not satisfactory. The SEIAA reserves the right to alter/modify the above conditions or stipulate any further condition in the interest of environment protection.	Will be complied
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Compliance:

The project proponent is willing to implement the conditions stipulated in the Environment Clearance order. The project can execute all possible measures in the project site for the conservation of environment.

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

The project will give priority to the conditions stipulated in the Environment clearance Order for its execution.

55	This order is valid for a period of 5 years or the expiry date of mine lease period issued by the Govt. of Kerala, whichever is earlier.	Noted
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56	The environmental clearance will be subject to the final order of the courts in any pending litigation related to the land or project, in any court of law.	Noted
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57	The mining operation shall be restricted to above ground water table and is should not intersect ground water table.	Will be complied
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Compliance:

The project proponent will restrict its mining operations above the ground water table.

58	All vehicle used for transportation and within the mine shall have "PUC" certificate from authorized pollution taking center. Washing of all vehicles shall be inside the lease area.	Will be complied
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Compliance:

As part of reduce air pollution, the project proponent will monitor the pollution level of all vehicles playing in the project site. This monitoring will be conducted only in authorized pollution checking center.

59	Project proponent should obtain necessary prior permission of the competent authorities for drawl of requisite quantity of surface water and ground water for the project.	Noted
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Compliance:

At present, the need of prior approval is not necessary to draw ground water and surface water for the project.

60	Regular monitoring of flow rates and water quality upstream and down streams of the springs and perennial nallahs flowing in and around the mine lease area shall be carried out and reported in the six monthly report to SEIAA.	Noted
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There is no stream or springs flowing in and around to the mine lease area. The project will install de siltation trap and other mechanism to prevent sediments and wastes from the mining area to the public drainage system.

61	Occupational health surveillance program of the workers should be under taken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.	Will be complied
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Compliance:

The project proponent will start an occupational health surveillance programme for the labours working in mining area in association with Primary Health center.

ANNEXURE

Annexure No.1

FILE NO : PCB/PTA/ICO/QR/112/2011
Date of issue : 26/12/2017



KERALA STATE POLLUTION CONTROL BOARD

CONSENT TO

OPERATE/AUTHORISATION/REGISTRATION

ISSUED UNDER

The Water (Prevention & Control of Pollution) Act, 1974
The Air (Prevention & Control of Pollution) Act, 1981

and

The Environment (Protection) Act, 1986

As per Application No. :6372108
Dated:02-12-2017

TO

M/s QUARRY OWNED BY JACOB THOMAS PLAKKATTU GRANITE INDUSTRIES PVT LTD
PAYYANAMON P.O
KONNI
PATHANAMTHITTA.

Consent No. :QCO/PTA/100/R2/EXP/2017
Valid Upto :29/09/2021

Page1

1. GENERAL

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

1	VALIDITY	29/09/2021
2	Name and Address of the establishment	QUARRY OWNED BY JACOB THOMAS PLAKKATTU GRANITE INDUSTRIES PVT LTD PAYYANAMON P.O , KONNI, PATHANAMTHITTA. 689692
3	Communication	Telephone :0468-2342298 Fax :0468-2342298 E-mail:plakkattugranitekonna@gmail.com
4	Occupier Details	JACOB THOMAS MANAGING DIRECTOR PLAKKATTU KONNI THAZHAM PAYYANAMON P.O KONNI KERALA PIN- 689692
5	Local Body	KONNI PANCHAYATH
6	Survey Number	571/1A/34-4,571/1A/34-4-1,571/1A/34- 5,571/1A/12,571/1A/12-56,571/1A/13- 137,571/1A/12/54/127,571/1A/12/54- 1,571/1A/12/54-2.(3.5723 HECTARES)
7	Village	KONNI THAZHAM
8	Taluk	KONNI
9	District	PATHANAMTHITTA
10	Capital Investment(Rs in Lakhs)	350 LAKHS
11	Scale	Small
12	Category	RED
13	Annual fee(Rs)	Rs.20000/-
	Total Fee remitted(Rs)	Rs.130000/-
14	RAW MATERIAL	PRODUCTS
	NATURAL ROCK in 3.5723 ha.	MINING OF GRANITE BUILDING STONE @ 1,20,000 MTA
15	Total Power Required (HP)	BOX COMPRESSOR WITH JACK HAMMER (2NOS) - 90HP EACH,EXCAVATOR WITH BREAKER (3NOS) - 110HP EACH.

2. CONDITIONS AS PER

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

Copy of Consent form PCB

Annexure No.2

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

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

Sub: - Environmental Clearance for the proposed quarry project in Sy.Nos. 571/1A/34-5, 571/1A/34-4, 571/1A/34-4-1, 571/1A/12, 571/1A/12-56, 571/1A/13-137, 571/1A/12/54/127, 571/1A/54-1, 571/1A/54-2 at Konnithazham Village, Konni Panchayath, Konni Taluk, Pathanamthitta District by Sri.Jacob Thomas- Erratum Orders - issued.

STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

No.870/SEIAA/EC4/3101/2015

Dated, Thiruvananthapuram 6/5/2017

- Ref:
1. EC No. 158/2016 issued vide pdgs No.870/SEIAA/EC4/3101/2015 Dated 30-09- 2016
 2. Letter Dated 19-10-2016 received from Shri.Jacob Thomas, C/o M/s Plakkattu Granite Industries (Pvt) Ltd.
 3. Minutes of 65th meeting of SEIAA held on 22.03.2016.

ERRATUM ORDER

The Environmental Clearance read as 1st paper above was issued to Shri.Jacob Thomas, M/s/Plakkattu Granite Industries Pvt.Ltd, Payyanamon.P.O, Konni for quarry project in Sy.No. 571/1A/34-5, 571/1A/34-4, 571/1A/34-4-1, 571/1A/12, 571/1A/12-56, 571/1A/13-137, 571/1A/12/54/127, 571/1A/54-1, 571/1A/54-2 at Konnithazham Village, Konni Panchayath in Konni Taluk, Pathanamthitta District covering an area of 3.5723 hectares, based on the decision of the 57th meeting of SEIAA held on 26th August 2016.

The proponent, vide letter dated 19/10/2016 informed that, in the Environmental Clearance issued vide 1st paper read above, the expiry date of Environmental Clearance is mistaking noted as 29/9/2016. It ought to have been 29/9/2021.

The Authority in its 65th meeting held on 22nd March 2017 decided to correct the expiry date in the Environmental Clearance as 29.09.2021 instead of 29.09.2016. Therefore the expiry date of the Environmental Clearance issued vide 1st paper read above is hereby corrected as 29/9/2021.

This erratum order is issued accordingly. The Environmental Clearance issued vide reference 1st cited stands modified to this extent only.

James Varghese I.A.S.,
Member Secretary (SEIAA)

Copy to
Sri.Jacob Thomas,
Managing Director,
M/s Plakkattu Granite Industries Pvt.Ltd,
Payyanamon P.O.,Konni,
Pathanamthitta District – 689 692.

To,

1. MoEF Regional Office, Southern Zone, Kendriya Sadan, 4th Floor, E & R Wing II Block, Koramangala, Bangalore – 560034.
2. The Additional Chief Secretary to Government, Environment Department, Government of Kerala
3. Director, Mining & Geology, Thiruvananthapuram -4,
4. District Collector, Pathanamthitta
5. Secretary, Konni Grama Panchayat, Konni.P.O., Pathanamthitta – 689 691.
6. Chairman, SEIAA
7. Website,
8. S/F
9. O/c



Forwarded /By Order

Rajendran
Administrator (SEIAA)

Copy of Environmental Clearance Order

Annexure No.3



सत्यमेव जयते

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

Present: Prof. (Dr.) K.P. Joy, Chairman; Dr. J. Subhashini, Member and
Sri. P.H.Kurian, I.A.S., Member Secretary.

Sub: SEIAA- Environmental clearance for the proposed quarry project in Sy. Nos. 571/1A/34-5, 571/1A/34-4, 571/1A/34-4-1, 571/1A/12, 571/1A/12-56, 571/1A/13-137, 571/1A/12/54/127, 571/1A/12/54-1, 571/1A/12/54-2 at Konnithazham Village, Konni Panchayath, Konni Taluk, Pathanamthitta District, Kerala of Sri. Jacob Thomas, Managing Director, M/s Plakkattu Granite Industries Pvt Ltd. – Modified orders – Issued- Reg.

State Environment Impact Assessment Authority, Kerala

No.870/SEIAA/EC4/3101/2015

dated, Thiruvananthapuram 17.03.2018

- Ref:-
1. Application received dated 05-08-2015 from Sri.Jacob Thomas, Managing Director, M/s Plakkattu Granite Industries Pvt Ltd., Payyanamon P.O, Konni, Pathanamthitta District, Kerala – 689692.
 2. E.C.No.158/2016 issued vide Proceedings No.870/SEIAA/EC4/3101/2015 dt. 30.09.2016.
 3. Representation dt. 01.12.2017 from Sri.Jacob Thomas, Managing Director, M/s Plakkattu Granite Industries Pvt Ltd., Payyanamon P.O, Konni, Pathanamthitta District, Kerala – 689692.

4. Minutes of the 80th meeting of SEIAA held on 16.02.2018.

ORDER

Environmental Clearance was issued to Sri.Jacob Thomas, Managing Partner, M/s Plakkattu Granite Industries Pvt Ltd., Payyanamon P.O, Konni, Pathanamthitta District, Kerala – 689692, for the proposed quarry project in Sy. Nos. 571/1A/34-5, 571/1A/34-4, 571/1A/34-4-1, 571/1A/12, 571/1A/12-56, 571/1A/13-137, 571/1A/12/54/127, 571/1A/54-1, 571/1A/54-2 at Konnithazham Village, Konni Panchayath, Konni Taluk, Pathanamthitta District, Kerala, based on the decision of 57th meeting of SEIAA held on 26.08.2016, vide reference (2) above.

The proponent, vide representation under reference (3) above has informed that, in the Environmental Clearance issued vide 2nd paper above, there was an error in survey numbers mentioned in the application submitted by them. Now, the proponent requested to change in survey numbers in the Environmental Clearance Order. Necessary documents have been submitted to prove the same.

The Authority in its 80th meeting held on 16.02.2018 decided to to correct the error to the extent that the Survey Numbers mentioned in reference 2 above is hereby corrected and read as, 571/1A/34-5, 571/1A/34-4, 571/1A/34-4-1, 571/1A/12, 571/1A/12-56, 571/1A/13-137, 571/1A/12/54/127, 571/1A/12/54-1, 571/1A/12/54-2.

The Environmental Clearance issued vide reference 2nd cited stands modified to this extent only.

Sd/-
P.H.KURIAN.I.A.S,
Member Secretary (SEIAA)

✓ To,

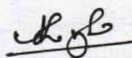
Sri.Jacob Thomas,
Managing Director,
M/s Plakkattu Granite Industries Pvt Ltd.,
Payyanamon P.O, Konni,
Pathanamthitta District, Kerala – 689692

Copy to,

1. MoEF Regional Office, Southern Zone, Kendriya Sadan, 4th Floor, E&F Wing, II Block, Koramangala, Bangalore-560034.
2. The Additional Chief Secretary to Government, Environment Department, Government of Kerala.
3. The Director, Mining & Geology, Thiruvananthapuram -4.
4. District Collector, Pathanamthitta
5. Secretary, Konni Grama Panchayath, Konni P.O., Pathanamthitta- 689691.
6. Chairman, SEIAA.
7. Website
8. S/f
9. O/c



Forwarded/By Order


Administrator, SEIAA

Page 2 of 2


Copy of Revised Environmental Clearance Order

Annexure No.4

Page 1 of 1

अनुमति प्रारूप एल. ई.-3 | LICENCE FORM LE-3
 (विस्फोटक विनियम, 2008 की अनुसूची 4 के भाग 1 के अनुच्छेद 3(क) से (घ) के अधीन)
 (See article 3(a) to (d) of Part 1 of Schedule IV of Explosives Rules, 2008)
 (1) आवधिक के लिए एक मजरा या कर्त 1,2,3,4,5 या कर्त 7 के विस्फोटक या किसी केमिस्ट्री से कर्त 6 के विस्फोटक रखने के लिए अनुमति
 Licence to possess : (c) for use,explosives of class 1, 2,3,4,5,6 or 7 in a magazine

अनुमति नं. (Licence No.): E/SC/KL/22/974(E48300)
 वार्षिक फीस (Annual Fee Rs): 2400/-



1. Licence is hereby granted to
 श्री जेकोब थॉमस एम. डायरेक्टर प्लैकट्टा ग्रेनाइट इंडस्ट्रीज प्राइवेट लिमिटेड (Occupier: Jacob Thomas) Poyyanamon Post, Konni, Pathanamthitta district, Kerala State 689692
 Town/Village - District- State- Pincode - 689692

2. अनुमति प्राप्त की शर्तें - Status of licensee - Company
 अनुमति केवल निम्नलिखित उद्देश्यों के लिए वैध है।
 Licence is valid only for the following purpose
 possesses for use of Nitrate mixture - Slurry and Emulsion Explosives, Safety Fuse, Electric Detonators, Ordinary Detonator, - के उपयोग के लिए

3. अनुमति केवल निम्नलिखित प्रकार के विस्फोटक के लिए वैध है।
 Licence is valid for the following kinds and quantity of explosives: -- (क) (a)

क्र. सं.	नाम और विवरण	कक्षा और विभाग	उप-विभाग	प्रति एक बार की मात्रा
1.	Nitrate mixture - Slurry and Emulsion Explosives	2.0	0	125 Kg.
2.	Safety Fuse	6.1	0	1500 Mtrs
3.	Electric Detonators	6.3	0	1000 Nos.
4.	Ordinary Detonator	6.3	0	1500 Nos.

(ब) विस्फोटक का कुल मात्रा से खरीदे जाने वाले विस्फोटक की मात्रा (अनुच्छेद 3(ग) और (घ) के अधीन अनुमति के लिए)
 (b) Quantity of explosives to be purchased in a calendar month[applicable for licence under article 3(b) and (c)]: 25 times as above.

4. अनुमति प्राप्त करने के लिए निम्नलिखित शर्तें लागू हैं।
 The licensed premises shall conform to the following drawings:
 चित्रण नं. (Drawing No.) E/SC/KL/22/974(E48300)
 दिनांक (Dated) 14/12/2017

5. अनुमति प्राप्त करने वाले पते का पता है।
 The licensed premises are situated at following address:
 Survey No(s) 571/IA 16-1, IA 34, ग्राम (Town/Village) - **Konni Thazham**
 जिला (District) - **PATHANAMTHITTA** राज्य (State) - **Kerala** पुलिस थाना (Police Station) : **Konni**
 फ़ोन (Phone) - **4-मेल (E-Mail)** पिनकोड (Pincode) - **कॉम (Fax)**

6. अनुमति प्राप्त करने वाले सुविधाओं का विवरण है।
 The licensed premises consist of following facilities:
 : two mini magazines of stone masonry construction

7. अनुमति प्राप्त करने वाले विनियम, 1884 और उसके अधीन विनियम विस्फोटक विनियम, 2004 के अधीन, जारी और अधिसूचित हैं और विनियमित आगों के अधीन रखे गए अनुमति 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.

8. अनुमति प्राप्त करने वाले शर्तें (आग, स्थिति, आगों और अन्य विवरण दर्शाते हैं)।
 Drawings (showing site, constructional and other details) as stated in serial No. 5 above.
 अनुमति प्राप्त करने वाले शर्तें (आग, स्थिति, आगों और अन्य विवरण दर्शाते हैं)।
 Conditions and Additional Conditions of this licence signed by the licensing authority.
 दूरी नियम (DE-2) Distance Form DE-2.

9. यह अनुमति 31 मार्च 2010 तक वैध रहेगी। This licence shall remain valid till 31st day of March 2010.
 यह अनुमति, अधिनियम या उसके अधीन विनियमों के अधीन V के अनुच्छेद 4 के अधीन और अधिसूचित हैं।
 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 herewith.

दिनांक The Date - 13/01/2009

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

Amendments :

- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 02/08/2011
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 06/12/2013
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 14/12/2017

वर्धनीकरण के लिए स्थान
 Space for Endorsement of Renewal


वर्धनीकरण की तिथि Date of Renewal	समाप्ति की तिथि Date of Expiry	अनुमति प्राप्ति के स्थान और चिह्न Signature of licensing authority and stamp
31/03/2015	31/03/2020	Sd/- Dy. Chief Controller of Explosives, Emakulam

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

http://10.0.1.13/IntExp/ExplosivesLicenceLE3Hindi.asp?LetterGeneratedYN=Y 12/14/2017

Copy of Explosives – license

Annexure No.5




ലൈസൻസ് നമ്പർ: **PL-1903/2017-18/164** തീയതി: **31-03-2017**

കോന്നി ഗ്രാമപഞ്ചായത്തിൽ നിന്നും
 1994 ലെ കേരളാ പഞ്ചായത്ത് ആക്ട് (1994 ലെ 13) 232, 233, 234, 254 എന്നീ
 വകുപ്പുകളും അതേ തുടർന്നുള്ള ചട്ടങ്ങളും അനുസരിച്ചു നൽകുന്ന
ഡി&ഓ ലൈസൻസ്

ലൈസൻസിയുടെ പേരും മേൽവിലാസവും	ജ്ഞേക്കബ് ഭരോമൻ മാനേജിംഗ് ഡയറക്ടർ ജാക്കാട്ട് ഗ്രോമെന്റ് ഇൻഡസ്ട്രീസ് റെപ്രെന്റേറ്റീവ്, പച്ചനാമൺ [ഈ]	
സ്ഥാപനത്തിന്റെ പേരും സ്ഥലനാമവും	ജാക്കാട്ട് ഗ്രോമെന്റ് ഇൻഡസ്ട്രീസ് റെപ്രെന്റേറ്റീവ്, പച്ചനാമൺ (ഐ) കോന്നി	
ലൈസൻസ് നൽകിയട്ടുള്ള പ്രവർത്തനങ്ങൾ	ചാറ ചൊടിച്ച് രീക്കം ചെയ്ത് വിൽപന നടത്തുന്നതിന്	
കെട്ടിടത്തിന്റെ നമ്പരും വാർഡ് നമ്പരും	571/1A/12, 571/1A/12/4, 571/1A/12/4-1 571/1A/12/5 കോന്നി നാഴം വില്ലേജ്	
ലൈസൻസ് കാലയളവ്	01-04-2017 മുതൽ 31-03-2018 വരെ	
ഈടാക്കിയ ലൈസൻസ് ഫീസ്	രസീത് നമ്പർ	
	4000/- രൂപ 2500/- രൂപ 3000/- രൂപ	116021-10853 116021-10854 dated 21-03-2017
ലൈസൻസ് അനുവദിക്കുന്നതിനായി ഹാജരാക്കിയ നിരീക്ഷണ പത്രങ്ങളുടെ വിശദാംശങ്ങൾ (നമ്പർ, തീയതി, കാലയളവ്, നൽകിയ അധികാര സ്ഥാനം)	1. KSPCB : Consent No: 600/PTA/100/E ₂ /2016 dated 31-08-2016 validity: 30-06-2019 2. Environmental Clearance No. 870/5610A/EC4/3101/2015 dated 30/9/16 3. Explosive Licence No. E/SC/KL/22/974 (E 48300) dated 31/9/15	

പൂർണ്ണമായും കൃത്യമായി പ്രവർത്തനം ചെയ്യാൻ ബന്ധപ്പെട്ട
 സ്വകാര്യ കോടതി/നഗരീകാർ കാലാകാലങ്ങളിൽ പാലാട്ടിരിക്കുന്ന
 ഉത്തരവുകൾ ചാരിച്ച് നിവാരണപരണം സ്ഥാപനം
 നടത്തേണ്ടതാണ്.



സെക്രട്ടറി
 കോന്നി ഗ്രാമപഞ്ചായത്ത്
 കോന്നി P.O., Pin-689691

*This licence is renewed by adding the following
 survey Nos. 571/1A/12, 571/1A/12-56, 571/1A/13-137
 571/1A/12/54/127, 571/1A/12/54-1, 571/1A/12/54-2 of
 Konni Halam village. Total Area - 3.5723 Hectres as per application dated 05-12-2017
 Validity with effect from 12-12-2017 to 31-03-2018*

Sanjith
 Secretary
 Konni Gram Panchayat
 Konni P.O., Pin-689691

Copy of Gram Panchayath license

Annexure No.6

No. 8571/M3/2017

Directorate of Mining & Geology
 Kesavadasapuram, Pattom P.O.
 Thiruvananthapuram-4
 Tel: 0471-2447429
 Fax: 0471-2447429
 E.mail: director.dir.dmg@kerala.gov.in
 Web: www.dmg.kerala.gov.in
 Dated: 09/02/2018

From
 The Director of Mining & Geology

To
 M/s Plakkattu Granite Industries Pvt. Limited, Payyanamon P O, Konni,
 Pathanamthitta- 689 692 (Represented by its Managing Director, Shri. Jacob Thomas)

Sir,

Sub: Mining & Geology - Mines and Minerals - Minor Minerals- Granite Building Stone -
 Preparation and execution of quarrying lease deed – reg.

- Ref: 1. Pro.Order No.740/2017-18/8571/M3/2017/DMG Dated: 09/02/2018
 2 Pro.order. No. 870/SEIAA/EC4/3101/2015 dtd. 30/09/2016 (EC. No. 158/2016) &
 Erratum Order dated 06/05/2017
 3. Kerala Minor Mineral Concession Rules, 2015.
 4. Kerala Minerals (Prevention of illegal Mining, Storage & Transportation) Rules 2015
 5. Mines & Minerals (Development & Regulation) Act 1957.

Please refer to the Proceedings Order cited above wherein a lease for Granite (Building Stone) is granted to **M/s Plakkattu Granite Industries Pvt. Limited, Payyanamon P O, Konni, Pathanamthitta- 689 692 (Represented by its Managing Director, Shri. Jacob Thomas)**. I request you to prepare three copies of the quarrying lease deed, original on plain paper and two copies of the same in stamped paper worth Rs. 500/- and produce the same before the **Geologist, District Office, Pathanamthitta** for scrutiny and execution. The date of execution will be entered up by the Geologist at the time of execution. After scrutiny of the quarrying lease deed, the Geologist will inform you the date of execution convenient to him. After execution as per the request of the Geologist, stamp duty may be fixed by any District Registrars of the state and he will receive the stamp duty and a certificate of remittance of stamp duty will be entered in the lease deed. A chalan for **Rs.35, 723/- (Rupees Thirty five thousand seven hundred and twenty three only)** being the security deposit is enclosed herewith duly countersigned. Please affix your signature at the appropriate places before remittance of money in the treasury. The original treasury receipted chalan may also be produced along with the typed copies of the lease deed and the draft form 'H' which is enclosed herewith, before the Geologist, District Office, **Pathanamthitta** at the time of execution.

Please note that the quarrying lease deed has to be executed within a period of six months from the date on which quarrying lease has been granted and got registered in accordance with the Registration Act, 1908 vide Rules 44 of the Kerala Minor Mineral Concession Rules, 2015. Form 'D' is also enclosed herewith for strict compliance and to report thereof.

Yours faithfully

Encl: as above



[Signature]
 for DIRECTOR OF MINING & GEOLOGY (i/c)

Copy of Lease Order