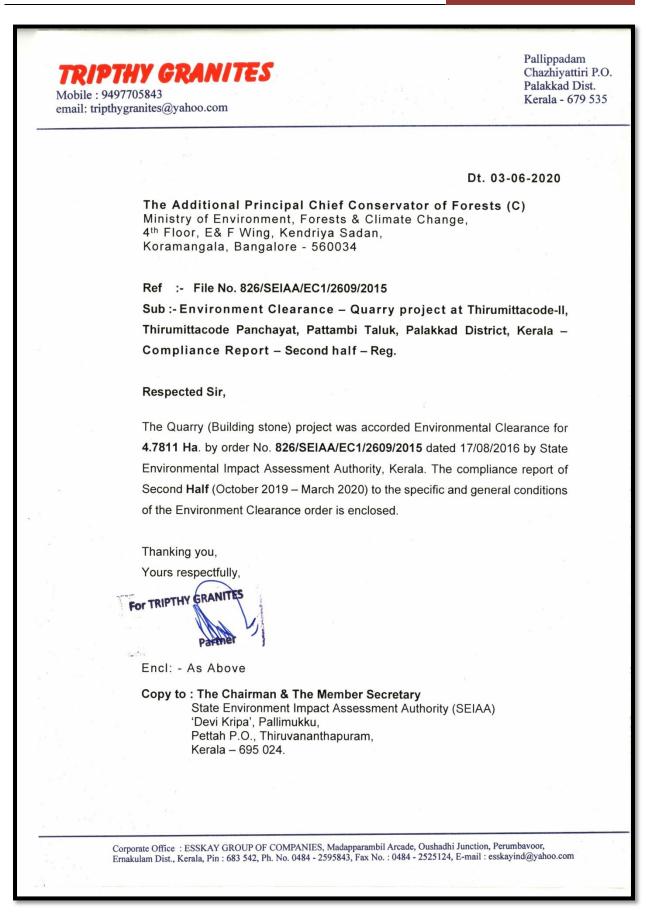
COMPLIANCE REPORT OCTOBER 2019 – MARCH 2020

M/S Tripthy Granites (Quarry Project) Palakkad District Kerala



COMPLIANCE REPORT

ТО

THE CONDITIONS

OF

ENVIRONMENTAL CLEARANCE ORDER

NO: 826/SEIAA/EC1/2609/2015

Dated: 17-08-2016

ΒY

STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY (SEIAA)

FOR

BUILDING STONE QUARRY

(MINOR MINERAL MINING) PROJECT

ΑΤ

SURVEY NOS. 274, 275/1A3 THIRUMITTACODE-II, THIRUMITTACODE PANCHAYAT, PATTAMBI TALUK, PALAKKAD DISTRICT, KERALA

BY

M/S TRIPTHY GRANITES

PALAKKAD DISTRICT

KERALA

INDEX

SI. 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	35
5	Annexure	40

LIST OF TABLE

SI. No.	Particulars	Page No.
1	Environmental Monitoring Cell (EMC)	12
2	Details of the natural vegetation existing along the road side	13
3	Details of the CSR	15
4	The details of statutory approvals	23
5	Details of Newspaper Advertisement	25

LIST OF PLATES

Plate No.	Particulars	Page No.
1.	Rain water harvesting pond	36
2.	Fencing	36
3.	Sign board	37
4.	Warning Alarm	37
5.	Mining Area	38
6.	Crusher	38
7.	Drainage	39
8.	Magazine	39

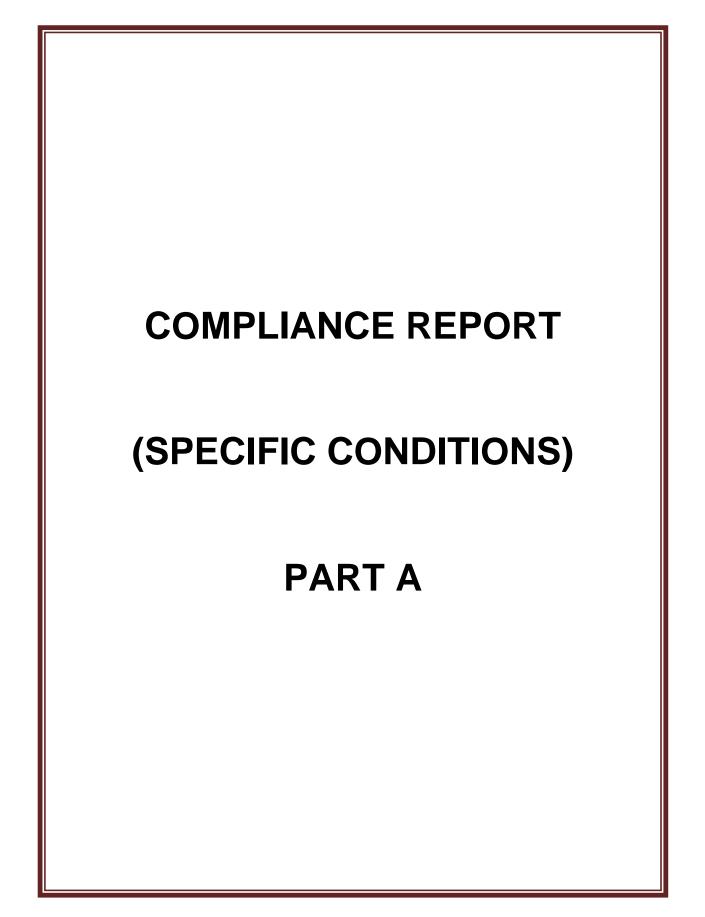
LIST OF ANNEXURE

Annexure No.	Particulars	Page No.
1	Copy of the "Consent to Operate" from Kerala State Pollution Control Board (Renewal)	41
2	Copy of E C order	43
3	Copy of Explosive License issued by the Ministry of Commerce & Industry – Petroleum & Explosives Safety Organization (PESO)	44
4	Copy of License for quarry operations from Gram Panchayath	45
5	Copy of permit from mining and Geology Dept.	46
6	Copy of certificates of licensed person	47
7	Copy of monitoring report of ambient air	51
8	Copy of monitoring report of sound level.	52
9	Copy of monitoring report of water	53
10	News paper Advertisment	
11	CSR/CER Details	55

INTRODUCTION

The quarry project of **M/s Tripthy Granites** is situated at Survey Nos. 274, 275/1A3, Thirumittacode-II, Thirumittacode Panchayat, Pattambi Taluk, Palakkad District, Kerala.

The quarry project was accorded with the Environmental Clearance (EC) by State Environmental Impact Assessment Authority on 17-08-2016. 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 2019 – March 2020** is being submitted.



PART - A – SPECIFIC CONDITIONS

ſ	01	Over burden should be stored in a planned manner in the	complied
		designated place. It must be protective support and no soil be	
		taken outside the lease area.	

Compliance:

The overburden materials are stored within the site at designated place. This is being used for plantation, haulage roads and land filling in the mining area. No overburden will let out from the project site.

02	The drainage from the quarry should be channeled through a	Being
	settling tank.	complied

Compliance:

To manage storm water, there are natural drainages in the project site for channelization of storm water. To settle down the sediments at the bottom of the pond the project is constructing settling tank.

03	The approach road to the quarry from the main road is not	Being
	maintained at all. This road must be maintained in good	Complied
	motoroble condition by the proponent.	

Compliance:

At present the approach roads are motoroble condition with more than 7 meters of width. The project is maintaining the approach road to the quarry from the main road.

04	Dust suppression mechanism must be in place	complied	
----	---	----------	--

Compliance:

The project proponent deployed a vehicle to splashes the haulage road and critical areas in regular intervals to arrest dust emissions from the road while

transportation of materials. To prevent dust emission, sprinklers are installed in the project site. This help to suppress dust during the time summer season.

05	Fencing shall be provided at vulnerable points of the quarry to	Complied
	avoid accidents.	

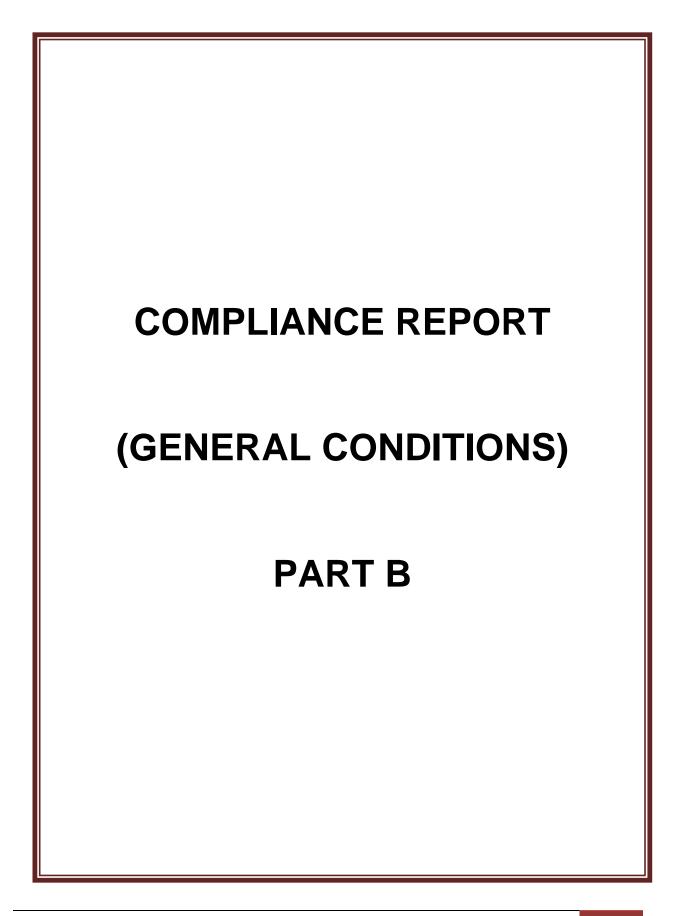
Compliance:

The project proponent has erected barbed metal wire fencing around the mining area and at the critical area and at vulnerable points of the quarry to avoid accidents. This will help to prevent falling of animals/human being/dumping of garbage etc,

06 Sign boards sh	ould be fixed in the proper places	Complied
-------------------	------------------------------------	----------

Compliance:

The sign boards are fixed in the project site in proper places to provide necessary warning to the labours and humans. The project is intending to fix sign board where ever it is necessary.



PART – B – GENERAL CONDITIONS

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

Compliance:

The project proponent has developed rain water harvesting pond in the quarry site as Rain Water Harvesting structure. The pond situated at the lowest level of project site. The surface runoff is channelized to the pond through garland drains. The rain water is used for irrigation purposes, watering of plants, wetting of roads and for dust suppression system (mainly sprinklers system). The photograph showing the rain water collection pond in the project area is attached in **Plate No. 1**.

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

Compliance:

The Environmental Monitoring Cell (EMC) was formed with Mr. Benny Pathrose as head of the monitoring cell. The EMC meetings of the cell convene periodically and evaluate the activities towards the stipulations of Environmental Clearance order. The details of the monitoring cell are given below:

SI. No.	Post		Name
1.	Head of the monitoring cell	:	Benny Pathrose
2.	Member		. Baby K V
3.	Member		Basil Varghese

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

The project proponent has been planting various tree saplings and native species in the project site to enhance the eco – diversity in the industry. Green belt is an important component in the mining sector. To reduce air and noise pollution, the project proponent has planted 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 details of vegetation are given below in **Table No 2**.

SI. No.	Scientific Name Common Name Fa		Family	Туре
1.	Artocarpus heterophyllus	Plavu	Moraceae	Tree
2.	Nerium oleander	Arali	Apocynaceae	Small tree
3.	Tectona grandis	Thekku	Verbenaceae	Tree
4.	Chromolaena odorata	Communist-pacha	Compositae	Shrub
5.	Mangifera indica	Mavu	Anacardiaceae	Tree
6.	Ziziphus oenopolia	Thodalli	Rhamnaceae	Climber
7.	Swietenia macrophylla	Mahagany	Meliaceae	Tree

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

04Maximum possible solar energy generation and utilization shall be
ensured as an essential part of the project.Complied

Compliance:

The installation of solar can reduce the consumption from conventional sources therefore the project proponent has installed five solar street lights in the project site to use maximum renewable energy to reduce electrical consumption from KSEB.

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

Compliance:

The emission of dust is a major adverse effect of a mining industry. Emission of dust is one of the main problems in mining area. To prevent dust emissions from the

road while transportation of materials, the project proponent is splashing water on roads by deploying a vehicle at project site. Sprinklers are also installed in the project site.

0	6	Eco-restoration including the mine closure plan shall be done at the	Being
		own cost of the project proponent.	complied

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 area. The project proponent started to plant various saplings in and around the project site.

07At 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.Noted

Compliance:

After closure of the mine, the project proponent is intending to 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
 Complied

 should be implemented.
 Complemented
 Complemented

Compliance:

The activities under Corporate Social Responsibility (CSR)/ Corporate Environmental Responsibility (CER) activities are executed in the sector of Health, sports, education, marriage, death etc. The project proponent is intending to carry out more activities under CSR for inclusive growth in the community. CSR/CER receipts are attached as **Annexure No. 11.** The details are given below

Date	Beneficiary	Activities	Amount
			spent in Rs.
03-10-2019	Prathyasha Bhavan	Charitable	5000.00
09-10-2019	Pain & Paliative Care	Medical	1000.00
	Society		
15-10-2019	Food Ball Tournament	Cultural	2000.00
23-10-2019	Cancer Patient	Medical	1000.00
23-10-2019	Political	Political	1000.00
26-10-2019	Chandran	Donation	10000.00
06-11-2019	Vasu	Medical	2500.00
08-11-2019	Kera Karshaka	Donation	200.00
	Sangham		
13-11-2019	Prathyasha Bhavan	Charitable	5000.00
03-12-2019	Parishithi Samrashana	Charitable	2000.00
	Samithi		
09-12-2019	Arts & Sports Club	Cultural	2000.00
10-12-2019	Leprasy Association	Charitable	500.00
13-12-2019	Nattukoottam	Cultural	2000.00
16-12-2019	Ayyappa Vilakku	Church/Temple/mosque	1000.00
20-12-2019	Donation paid	Donation	14500.00
26-12-2019	Medical Assistance	Medical	5000.00
28-12-2019	Arts & Sports Club	Cultural	6000.00
30-12-2019	Pain & Paliative Care	Medical	750.00
	Society		
31-12-2019	Tournament	Cultural	3000.00
02-01-2020	Prathyasha Bhavan	Charitable	5000.00
03-01-2020	Anitha, Tribal Student	Educational	7000.00
18-01-2020	Pallippadam Masjid	Church/Temple/mosque	5000.00

Table 3 - Details of performed activities under CSR/CER

	Festival		
21-01-2020	Logarethi Kavu Pooram	Church/Temple/mosque	2500.00
22-01-2020	Chandanakudam Post	Church/Temple/mosque	3000.00
	Office		
23-01-2020	chandanakudam festivel	Church/Temple/mosque	500.00
27-01-2020	chandanakudam festival	Church/Temple/mosque	2000.00
27-01-2020	chandanakudam festival	Church/Temple/mosque	500.00
31-01-2020	Mahakalan Temple	Church/Temple/mosque	500.00
05-02-2020	Prathyasha Bhavan	Charitable	5000.00
08-02-2020	Resenth, Thayoor	Medical	2500.00
10-02-2020	Neighbour	Medical	250.00
15-02-2020	Temple Festival	Church/Temple/mosque	500.00
21-02-2020	Temple Festival	Church/Temple/mosque	1000.00
27-02-2020	Temple Festival	Church/Temple/mosque	500.00
04-03-2020	Temple Festival	Church/Temple/mosque	500.00
06-03-2020	Neighbour	Medical	2170.00
09-03-2020	Prathyasha Bhavan	Charitable	5000.00
20-03-2020	Lorry Driver	Medical	1000.00
Total			108870.00

09The lease area shall be fenced off with barbed wires to a maximum**Complied**height of 4ft around, before starting of mining. All the boundaryindicators (boards, stores, markings etc) shall be protected at alltimes and shall be conspicuous.

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. All the boundary indicators (boards, stores, markings etc) will be protected at all times and shall be conspicuous. The photograph of barbed metal wire fencing is provided in **Plate No.2.** Sign boards is attached as **Plate No. 3**.

10	Warning	alarm	ns ir	ndica	ating the tin	ne o	f blas	sting (to be do	one	at specific	complied
	timings)	has	to	be	arranged	as	per	stipulations	of	Explosive	
	Departm	ent.									

The alarm can intimate the general public and labours that the blasting is going to happen. As per the stipulation of Explosive department and State Environment Impact Assessment Authority the project proponent has installed warning alarms in the quarry site. The photograph of warning alarm is attached as **Plate No. 4**.

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

Compliance:

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., ear plugs are provided to workers working in high noise areas.
- > The mining activity held in day time only.
- > Noise level at quarry site checked periodically.

Blast vibrations and control measures

- Controlled blasting technique is adopted in this project in order to reduce blast vibrations.
- Ordinary delayed detonators are using for the blasting
- The maximum charge per delay is not more than 10kg to limit the PPV values to 10mm/sec.
- Optimum delay sequence and stem to column ratio is maintaining to minimize the ground vibration intensity.

12	Quarrying activities should be limited to day time as per KSPCB (complied
	guidelines/specific conditions.	

Quarrying activities are limited to day time only as per KSPCB guidelines. 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	Complied
		regulations of explosives department or any other concerned agency.	

Compliance:

To reduce possible accidents and adverse impact, the blasting is done in controlled manner by using ordinary 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	
----	---	----------	--

Compliance:

To monitor the mining activities, the project proponent has appointed experts having certificate of Foreman and Second Class Manager for supervise/control the blasting operations for the extraction of granite building stones. Same is attached as **Annexure No. 6**

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

Compliance:

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

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

In a building stone quarry project, the overburden and topsoil need to extract during the time of mining, these natural resources are 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. To prevent soil erosion grass is planted on the overburden and topsoil. This will be used for plantation, haulage roads and land filling in the mining area.

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

Compliance:

The quarrying has been carrying out as per mining plan. To enhance safety and conserve environment, the project proponent is extracting the minerals by creating benches. The benches will not exceed 5 meters of height. The project maintains the width of benches minimum of 5 meters. **Plate No.5** showing the work progressing in the quarry area.

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

Compliance:

The project proponent is using blasting mat to reduce fly rocks during blasting. The project proponent is using ordinary 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	Maximum depth of mining from general ground level at site shall not	Will be	•
	exceed 10m.	complied	

Mining depth will not exceed beyond 10 meter or not below the level of the nearest stream bed, whichever is less. The instruction regarding to this has given to the mines manager.

20	No mining	operations should be carried out at places having a slope	Noted
	greater	than 45 ⁰ .	

Compliance:

There is no area seen with slope greater than 45⁰ high in the E C obtained area. The project proponent is extracting building stone in the area where Environment Clearance and Lease is obtained.

21	Acoustic	enclosures	should	be	provided	to	reduce	sound	Complied
	amplifications in addition to the provisions of green belt and hollow								
	brick envelop for crushers so that the noise level is kept within								
	prescribed	d standards g	iven by C	PCB	/KSPCB.				

Compliance:

To reduce sound amplification, the machines of crusher unit is housed with solid bricks. A green belt is also developed around the unit to reduce noise and air pollution. This helps the noise and sound level is kept within the prescribed standards. The labours in the unit are wearing ear plugs to reduce the impact of noise generating from the machines. The project proponent is maintained all machineries in a good manner. Photograph of Crusher is attached as **Plate No. 6**

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

The project proponent has provided adequate Personnel Protective Equipments (PPE) such as helmets, ear muffs, safety belts, glows, etc. to labours in the quarry site in order to ensure the safety of workers in working site.

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

Compliance:

The project proponent has constructed de siltation traps at project site for clarification of storm water and ensures that all storm water from the mining area is flowing in to the pond created at mining area. The project proponent has initiated steps to create garland drains where it is necessary in the lower slopes of the project area for storm water management. At present the pond is working as a clarifier. The Photograph of the drain is attached as **Plate No.7**.

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

Compliance:

To avoid dust emission while transportation of materials, the project proponent assured the trucks were covered before it leaving the project site.

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

Compliance:

As part of concurrent eco restoration, the project proponent has planted various saplings in the project area as a compensation of loss of trees while clearing the land for mining.

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

The volume of used oil is low in the industry, a major portion of used oil is using as lubricant in the project site. The execs have been giving to agencies approved by Pollution Control board.

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

Compliance:

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 was fenced with barbed metal wire. The photograph of the magazine is provided as **Plate No.8**.

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

Compliance:

The norms of Kerala State Pollution Control Board regarding the distance criteria of residences, roads, rivers and worship places is adhered by the project. The project has left 143 meter distance to the nearest house from the boundary of mining area, the KSPCB condition is 50 meter.

29	100 m buffer distance should be maintained from forest boundaries.	Complied]
----	--	----------	---

Compliance:

There is no forest in the 100 meter vicinity to the project site.

30Consent from Kerala Pollution Control Board under Water and Air**Complied**Act(s) should have been obtained before initiating activity.

The Project proponent obtained "*Consent to Operate*" (Renewal) from Kerala State Pollution Control Board. The copy of consent is provided in **Annexure 1**.

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

Compliance:

The certificates obtained from concerned statutory authorities are enclosed in

Annexure No.1, 2, 3, 4 & 5

TABLE NO.4 – DETAILS OF APPROVALS OBTAINED

Name of the	Name of the Statutory	Approval Number & Date
Statutory approval	authority	
Environmental	State Environmental Impact	826/SEIAA/EC1/2609/2015
Clearance order	Assessment Authority, Kerala	Dt.17-08-2016
"Consent to	Kerala State Pollution Control	PCB/PLKD/IC/R16PAL3750504/2019
Operate" (Renewal)	Board	Dt. 26-06-2019
Explosive License	Ministry of Commerce &	E/SC/KL/22/1745(E81598)
	Industry – Petroleum &	
	Explosives Safety Organization	
	(PESO)	
License for quarry	Panchayatrh	210/2019-2020/A-7/776/19
operations		Dt. 04-04-2019
Lease deed	Mining and Geology Dept.	Dt. 29-05-2017

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 environemental 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.

The project is running as per plan submitted in Environmental Impact Assessment Authority, Kerala. At present there is no change in the scope of the project. The project proponent 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 **Noted** 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.

Compliance:

If the Authority insists to add additional safeguards and measures in the mining industry for safety and environmental sustainability, the project proponent will be complied with.

The stipulations by Statutory Authorities under different Acts and Noted
 Notifications should be complied with, including the provisions of Wate
 (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.

Compliance:

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

- > Kerala Minor Mineral Concession Rules, 2015.
- ➤ Mines Act, 1952
- ➤ Explosive Rules, 2008
- ➤ Kerala Panchayat Raj Act, 1994
- > Water Pollution (Prevention & Control) Act, 1974

- > Air Pollution (Prevention & Control) Act, 1981
- > The Kerala Promotion of Tree Growth in Non-Forest Areas (Amendment) Act, 2007.
- > Environment Protection Act, 1986
- > EIA Notification, 2006 / 2009

35	The project proponent should advertise in at least two local news	Complied
	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. 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.	

An advertisement in two local daily newspapers (English and Malayalam) regarding Environmental Clearance accorded to the quarry project was given within the stipulated period and the copy of the same was submitted at SEIAA Kerala. The copy of the advertisement given in two local newspapers is provided at **Annexure No.10.** The details of the news papers are given in the table.

•	SI. No.	News paper	Language	Date of edition
	1	Kerala Kaumadhy	Malayalam	31-08-2016
	2	The new Indian express	English	31-08-2016

36	A copy of the clearance letter shall be sent by the proponent to	Complied
	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.

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 latter to anyone. At present the project does not have a website this will be created soon.

The proponent shall submit six monthly reports on the status of	Complied
compliance of the stipulated EC conditions including results of	
monitored data (both in hard copies as well as by e-mail) and	
upload the status of compliance of the stipulated EC conditions	
including results of monitored data on their website and shall	
update the same periodically. It shall simultaneously be sent to	
the respective Regional Office of MoEF, Govt. of India and also	
to the State Environment Impact Assessment Authority (SEIAA)	
office.	
	compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) and upload the status of compliance of the stipulated EC conditions including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the respective Regional Office of MoEF, Govt. of India and also to the State Environment Impact Assessment Authority (SEIAA)

Compliance:

The project proponent is bound to follow the conditions stipulated in the Environmental Clearance order. The compliance report of Second half is being submitted to the Directorate of Environment and Climate Change, Govt. of Kerala and also to the Regional Office of MoEF&CC, Govt. of India. The monitored data of Air, Water and Noise is attached as **Annexure No. 7, 8 & 9.**

38	The details of Environmental Clearance should be prominently	complied
	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.	

The details of the Environmental Clearance are displayed in the project site. The project proponent has placed the metallic board as specified in the conditions of Environmental Clearance order. The extent of lease area boundary will depict soon.

ſ	39	The proponent should provide notarized affidavit (indicating the	Complied
		number and date of Environmental Clearance proceedings) that all	
		the conditions stipulated in the EC shall be scrupulously followed.	

Compliance:

An assurance in the form of affidavit was already submitted to SEIAA Kerala. The project proponent is scrupulously following the conditions mentioned in the EC order.

40	No change in mining technology and scope of working should be	Noted
	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.	

Compliance:

The project proponent is not intending to expand the area of mine, technology and scope of working. The project proponent 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	Noted
	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.	

Compliance:

The Rain water harvesting pond in the site is working as clarifiers to prevent the quarry waste within the site. The project proponent will install additional clarifiers in the project site to prevent sediments and wastes from quarry site to enter in to the main stream. The project proponent will constitute a Cell to monitor such commitments to the community.

42	Monitoring of Ambient air Quality to be carried out based on the	Complied
	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.	

Compliance:

The project proponent has monitored the ambient air quality as per National Ambient Air Quality Standard (NAAQS), during the time of appraisal of the project. The project proponent is intending to increase splashing of water and installation of sprinklers at loading, unloading and transfer points.

43	The top soil, if any, shall be temporarily stored at earmarked site(s)	Being
	only for the topsoil shall be used for land reclamation and plantation.	complied
	The Over Burden (OB) generated during the mining operations shall	
	be staked at earmarked dump site(s) only. The maximum height of	
	the dumps shall not exceed 8m and width 20m and overall slope of	
	the dumps shall be maintained 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.	
1		

Compliance:

To prevent the soil erosion, the top soil and overburden are stacked in 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 as per the direction of State

Environment Impact Assessment Authority (SEIAA). The Environment Monitoring Cell will monitor the execution of eco restoration.

44	Catch drains and siltation ponds of appropriate size shall be	complied
	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.	

Compliance:

The project proponent has constructed effective garland drains to catch all the storm water during the time of monsoon season. These channels directed the water to the rain water collection pond. All sediments and silts are settling at the bottom of the pond and only cleared water is letting out. The water from the pond can be used for splashing of water on roads to arrest the dust.

45	Effective safeguard measures such as regular water sprinkling	complied
	shall be carries out in critical areas prone to air pollution and	
	having high levels of PM_{10} and $PM_{2.5}$, such as haul road, loading	
	an un loading 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.	

Compliance:

The project proponent is regularly checking the air quality in the site and spraying water in critical areas prone to air pollution with the help of vehicle. The project proponent has placed mobile sprinklers in critical area to reduce the dust emission. The ambient air quality is monitored with the help of an approved laboratory at regular interval.

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

The project proponent has installed mobile sprinklers in critical area to reduce the dust emission. The water spraying has been carried out regularly to arrest the dust emission. The sprinklers and vehicle for water spraying is being properly marinated.

47	Measures should be taken for control of noise levels below 85 dBA in	Noted
	the work environment.	

Compliance:

The main sound generating activities in the mining industries are the playing of jack hammer, breaker, vehicles and blasting operations. The level noise from all these activities will not go beyond 85dBA. The project proponent will take appropriate action to reduce the sound by employing possible measures. These are mentioned under the condition number 11.

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

Compliance:

To monitor all conditions stipulated in the Environment Clearance and environment Management Plan, the project has constituted an Environment Monitoring Cell with Mr. Benny Pathrose as the head of the Cell. This cell concurrently monitors and evaluates the safeguard measures implemented in the project site.

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

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 maintain an account for keeping the funds earmarked for environmental protection and CSR.

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

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	Noted
	National Green Tribunal, if preferred within a period of 30 days as	
	prescribed under section 16 of the National Green tribunal Act, 2010.	

52	Concealing the factual data or submission of false/ fabricated data	Noted
	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.	

53	The SEIAA may revoke or suspend the order, for non implementation	Noted
	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.	

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

54	The above conditions shall prevail not withstanding anything to the	Noted
	contrary, in consistent, or simplified, contained in any other permit,	
	license on consent given by any other authority for the same project.	

Compliance:

The project proponent is giving 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	Noted	1
	lease period issued by the Govt. of Kerala, whichever is earlier.		

ſ	56	The environmental clearance will be subject to the final order of the	Noted
		courts in any pending litigation related to the land or project, in any	
		court of law.	

57	The mining operation shall be restricted to above ground water table	Will	be
	and is should not intersect ground water table.	compli	ied

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

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

Compliance:

As part of reduce air pollution, the project proponent is monitoring the pollution level of all vehicles playing in the project site. This monitoring conducts in authorized pollution checking center.

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

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	Noted
	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.	

Compliance:

There is no stream or springs flowing in and around to the mine lease area. The project proponent will install de siltation trap and other mechanism to prevent sediments and wastes from the mining area entering in to the public drainage system.

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

The project proponent has initiated steps an occupational health surveillance program in association with Primary Health Center (PHC) of Kerala government for the labours working in mining area.

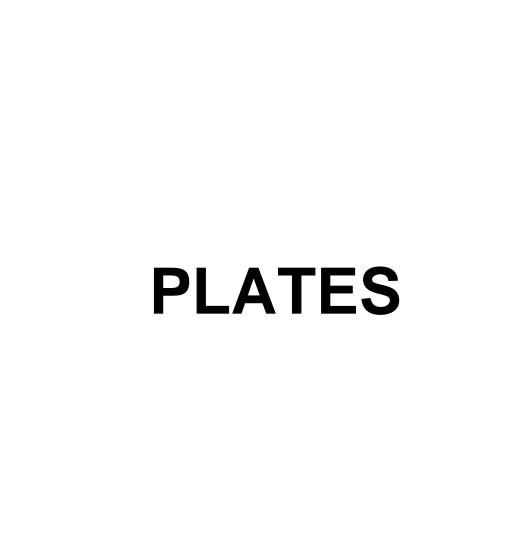


Plate No.1



RWH Pond

Plate No.2



Fencing

Plate No.3



Sign boards

Plate No.4



Warning Alarm

Plate No.5



Mining area

Plate No.6



Crusher

Plate No.7



Drainage

Plate No.8



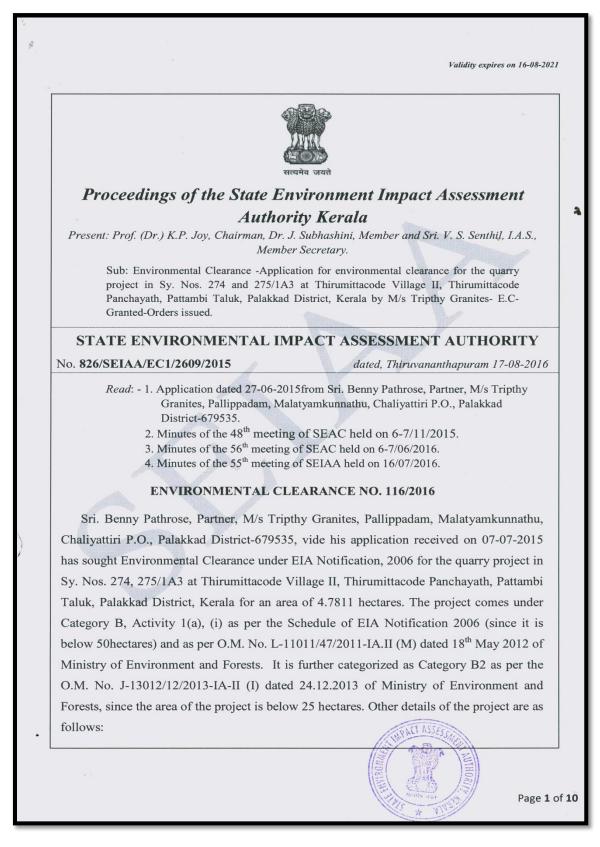
Magazine



		KERAL	A STATE POLLU	TION CONTRO	L BOARD	
	O. :PCB/P issue :26/0		AL3750504/2019			
		INTEGRA	TED CONSENT	TO OPERATE -	RENEWAL	
Consent	No : PCB/	PLKD/ICO/R1/1	1272680/2019			
is hereby ,CHALIY The cons	renewed u YATTIRI P ent(s)/ vari nditions stij	p to 30/09/2024 an O PALLIPPADA ation order(s) cited	M PALAKKAD DI nd issued to M/s TRI M PALAKKAD DI d under reference are the following modi	PTHY GRANITES STRICT - 679535 integral part of this	renewal order and th	nis order is subject
S.No.		Ite	ms		Description	
1	Annual	Fee		Rs.22000/-		
2	Categor	у		Red		
3	Capital	Investment		Rs.94.7 Lak	hs	
4	Activity	I		Quarrying in Thirumittace 4.7811 hecta	n Survey No 274,2 ode II village with ares	75/1A3 in area of extent
5	Validity	1		16.08.2021		
6	Renewa	al Date		On or before	e 16.06.2021	
7	Fee Rei	mitted			(fee remitted is ad o 30-9-2024)	equate for
II. Stacl	k Details					
Stac	k No.	Source of Emission	Emission Rate(Nm3/Hr)		ght above	Control Equipment
		Linission		Ground Level(In Meters)	Roof Level(In Meters)	Symposite

All other conditions of the Integrated	Consent to Operate issued as per reference above remain unchanged.
	KRISHNAN M N Date: 2019.09.26 15:59:50 +05'30'
DATE :26/09/2019	SIGNATURE & SEAL OF ISSUING AUTHORITY ENVIRONMENTAL ENGINEER
	POLLUTION CONTROL &
BENNY PATHROSE MADAPPI	LLIL HOUSE MALAYIDOMTHURUTHU P.O ERNAKULAM -
BENNY PATHROSE MADAPPI 683561	LLIL HOUSE MALAYIDOMTHURUTHU P.O ERNAKULAM - legally valid as per the Information Technology Act 2000
6835611. This digitally signed document is2. For verifying this document please	legally valid as per the Information Technology Act 2000 go to krocmms.nic.in and search using date of issue/name of the Granted Applications" link in the home page of the Board's Online Consent
 BENNY PATHROSE MADAPPII 683561 1. This digitally signed document is 2. For verifying this document please unit/Application Number in "Consent 	legally valid as per the Information Technology Act 2000 go to krocmms.nic.in and search using date of issue/name of the Granted Applications" link in the home page of the Board's Online Consent
 BENNY PATHROSE MADAPPII 683561 1. This digitally signed document is 2. For verifying this document please unit/Application Number in "Consent 	legally valid as per the Information Technology Act 2000 go to krocmms.nic.in and search using date of issue/name of the Granted Applications" link in the home page of the Board's Online Consent
 BENNY PATHROSE MADAPPII 683561 1. This digitally signed document is 2. For verifying this document please unit/Application Number in "Consent 	legally valid as per the Information Technology Act 2000 go to krocmms.nic.in and search using date of issue/name of the Granted Applications" link in the home page of the Board's Online Consent
 BENNY PATHROSE MADAPPII 683561 1. This digitally signed document is 2. For verifying this document please unit/Application Number in "Consent 	legally valid as per the Information Technology Act 2000 go to krocmms.nic.in and search using date of issue/name of the Granted Applications" link in the home page of the Board's Online Consent
 BENNY PATHROSE MADAPPII 683561 1. This digitally signed document is 2. For verifying this document please unit/Application Number in "Consent 	legally valid as per the Information Technology Act 2000 go to krocmms.nic.in and search using date of issue/name of the Granted Applications" link in the home page of the Board's Online Consent
 BENNY PATHROSE MADAPPII 683561 1. This digitally signed document is 2. For verifying this document please unit/Application Number in "Consent 	legally valid as per the Information Technology Act 2000 go to krocmms.nic.in and search using date of issue/name of the Granted Applications" link in the home page of the Board's Online Consent

Copy of Consent form PCB



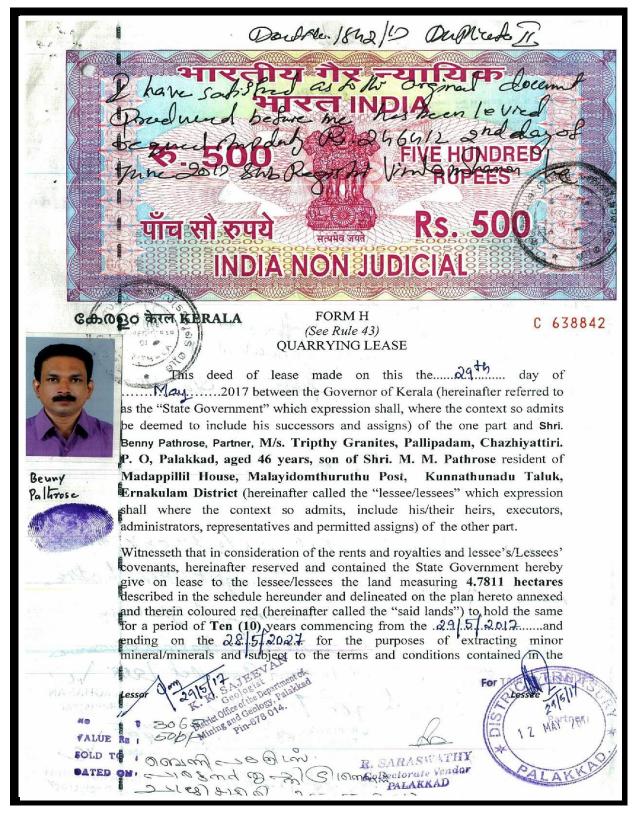
Copy of Environmental Clearance

(ग) उपयोग के	(विस्फोटक निय (See article लिए एक समय पर वर्ग 1,2,3	नप्ति प्ररुप एल. ई3 LIC म. 2008 की अनुसूची 4 के माग 3(a) to (d) of Part I of Schedul 3,4,5 या वर्ग 7 के विस्फोटक य sess : (c) for use,explosives of d	। के अनुच्छेद 3(क) से (घ) e IV of Explosives Rules, 2 1 किसी मैगजीन में वर्ग 6 वं	008) के विस्फोटक रखने के हि
अनुजन्ति सं. (Licence No.) : E/SC/KL/2 वार्षिक फीस रुपए (Annual Fee Rs): 2400	22/1745(E81598)	(e) for use, explosives of (יישט ג, באטייד, שאט טר / in a m	agazine
1. Licence is hereby granted to				
Sh.Benny Pathrose,Partner (अधिभो Peringode Via, Town/Village - Chaliy				andth, Chażhiyaba Pr
को अन्जप्ति अन्दत्त की जाती है। 2. अन्जप्तिधारी की प्रास्थिति Status of	licensee : Partnership Firm			A CAP SIVES SA
³ अनुजप्ति निम्नलिखित प्रयोजनों के लि	लेए विधिमान्य है।	possess for		afety Fuse, Ordinary Detonator, Electric Detonators,
Licence is valid only for the following 4. अनुजम्ति विस्फोटकों के निम्नलिखित Licence is valid for the following kind	किस्मों, प्रकार और मात्रा के	उपयोग के लिए विधिमान्य है। (क) (a)	लिए	
京	नाम और विवरण	वर्ग और प्रभाग	उप-प्रभाग	मात्रा किसी एक समय में
	me and Description Nitrate Mixture	Class & Division 2,0	Sub-division 0	Quantity at any one time 400 Kg.
2. 3. Ot	Safety Fuse rdinary Detonator	6,1 6,3	0	1000 Mtrs 5000 Nos.
4. El	lectric Detonators	6 ,3	0	5000 Nos.
(ख) किसी एक कलैंडर मास में खरीदे जाने (b) Quantity of explosives to be purchased				: 10 times as above.
^{5.} निम्नलिखित रेखाचित्र (रेखाचित्रॉ) से अ The licensed premises shall conform to		। है।	रेखाचित्र क्र. (Drawir दिनाक (Dated) 25/0	ng No.) E/SC/KL/22/1745(E81598) 7/2017
 अनुजप्ति परिसर निम्नलिखित पते पर Survey No. 274, ग्राम (Town/Village) जिला (District) दरभाष (Phone) 			address: Kerala	पुलिस थाना (Police Station) : Chali पिनकोड (Pincode) 679535 फैक्स (Fax)
^{7.} अनुजूष्ति परिसर में निम्नलिखित स्वि	वेधाएं अंतर्विष्ट हैं।		le magazines of B(No.11)	& B(No.12) type fabricated by M/s. Industrial Explosi
Drawings (showing site, con 2. अनुजप्ति प्राधिकारी व्यारसा Conditions and Additional C 3. दूरी प्ररूप DE-2 Distance F 9. यह अनुजप्ति, अधिनियम या उसके आ	structional and other details) हस्ता क्षरित इस अनुत्राज्ति के conditions of this licence sign orm DE-2. क विधिमान्य रहेगी गिछ। धीन विरचित नियमों या अनु	ed by the licensing authority. cence shall remain valid till 31 सूच्यी V के आग 4 के प्रति निवि	st day of March 2022. इन्ट सेट, VII के अधीन तथा	्र उपवर्णित इस अनुजन्ति की शतौं का अधिक्रमण करने व
यदि अनुज़प्त परिसर योजना या उससे	ो संलग्न उपबंध में दर्शित वि or revoked for any violation o	वरण के अनुरूप नहीं पाए जान f the Act or Rules framed there	। पर निलंबित या प्रतिसंहत under or the conditions of	की जा सकती है, जहां वह लागू हो। this licence as set forth under Set VIII, wherever applicab
तारीख The Date - 25/07/2017			संयुक्त मुख्य	विस्फोटक नियंत्रक Joint Chief Control of Explos
		नवीनीकरण के पृष्ठांकन Space for Endorsement		Sournage rele, Che
नवीकरण की तारीख Date of Renewal	समाप्ति की तारीर Date of Expiry	র		धिकारी के हस्ताक्षर और स्टाम्प Flicensing authority and stamp
		लत दंग से घलाने या उनका	रस्तरगोग जिसि के अधीन र	ांगीर दांडिक अपराध होगा।

Copy of Explosive

, ș		
4	നമ്പര്: 210/2019-2020/A-7/776/19	തീയതി: 04/04/2019
	തിരുമി	<u>റ്റക്കോട് ഗ്രാമപഞ്ചായത്ത്</u>
		ന്തന്നൂർ പി.ഒ., പാലക്കാട് (ജില്ല) 62258233, ഇ-മെയില് : ddpthirumittakodepkd@gmail.com
	⁴ വ്യവസായം, വാണിജ്യം	, സംരഭകത്വം, മറ്റ് സേവനങ്ങൾക്കുള്ള ലൈസൻസ്
A Law Sugar	(കെ.പി.ആർ ആക്ട് (സെക്ഷൻ 232, FACTEOS ലൈസൻസ് ചട്ടങ്ങൾ 1996)
	ലൈസൻസിയുടെപേര് 	Benny Pathrose
	ലൈസൻസിയുടെ മേൽവിലാസം	Partner, Tripthy Granites, Chaziyattiri (po)
	സ്ഥാപനത്തിന്റെ പേരും, സ്ഥലനാമവും	Tripthy Granites, Chaziyattiri (po) SYNO-274,275/1A3
	ലൈസൻസ് നൽകിയിട്ടുള്ള പ്രവർത്തനങ്ങൾ	QUARRYING (BULIDING STONE)
	വാർഡ് നമ്പർ/കെട്ടിട നമ്പർ 	XI/O
	ലൈസെൻസ് ച കാലാവധി	<u>31-03-2020</u> දිගින් 01/04/2019 වූගත් <u>30/09/2019</u> ධගේ <u>Secretáry</u>
	ലൈസെൻസ് ഫീസ്	തുക രസീത് നമ്പർ HIEDMITTACODE GRAMA PANCHATAG തിയതി 15000 /- രൂപ 118010108259 19/03/2019
	മോട്ടോർ ഫീസ്	
	തൊഴിൽ നികുതി	2500 /- രൂപ 118010108260 19/03/2019
	ലൈസെൻസ് അനുവദിക്കുന്നതിന്	as per the order no of Hon. High court -WP(C) no 12122/2017(M), 1. Kerala State Poloution Control Board Consent No (PCB/PLKD/IC/CO/F/4417/2016- Valid up to 30/09/2019) /6/08/Jo2 (61)
	ഹാജ്രാക്കിയ് നിരാക്ഷേപ പത്രങ്ങളുടെ വിശദാംശങ്ങൾ (നമ്പർ, തീയതി, കാലയളവ്, നൽകിയ അധികാര സ്ഥാപനം)	Proceedings of the Director of Mining & Geology NO.95 / 2017-ecretary 18/5180 / M3/2016 / DMG Dated 20/05/2017. proceedings of the GRAM 2 PANCHAVAD State Environment impactassessment Authority Korala (829/SEIAA/EC1/2609/2015 Dated 17/08/2016) Explosive licence no E/SC/KL/22/1745(E81598) Valid up to
		31/03/2022, Foreman,s Certificate of Competency
	Chatter Barter	
	Bate	ตางงูอากรออร์ เช่าวอีกได้ตัวไขตาง
	¥2	

Copy of license from Gram Panchayat



Lease deed

Cert No. FUE / 1485 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 (धात्विकीय खान विनियम, 1961 के अन्तर्गत) (Under the Metalliferous Mines Regulations, 1961) श्री **सोमा रमनजूला रेड्डी** सुपुत्र **सोमा तेंकट रेड्डी** जिनकी जन्म तिथि 08.03.1995 है, को विहित अर्हताएं एवं अनुभव प्राप्त करने का सन्तोषजनक प्रमाण प्रस्तुत करने पर एतद्द्वारा फोरमैन सक्षमता प्रमाण-पत्र प्रदान किया जाता है । यह प्रमाण-पत्र दिनांक 06.07.2016 से प्रभावी है। Shri Soma Ramanjula Reddy son of Soma Venicata Reddy born on 08 th Marcu, 1995 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 06.07.2016 सचिव खनन परीक्षा बोर्ड खनन परीक्षा बोर्ड Secretary Chairman Board of Mining Board of Mining Examinations Examinations Signed and Sealed Date 04.01.17

Certificate of Second class manager



Certificate of Foreman

M/S TRIPTHY GRANITES

Compliance Report

10 Haune nat 00 nined by qualified for the Officer 250 nent in mine. This Certificate is C.I.M. 1234 त्वु ज्रत्पादक) खनन परीक्षा बोर्ड Board of (Metalliferous) 2010 Woll विवेशक, खाब तरबा, बलारो **Mining Examinations** ertified mithen as been Salety Rellary. No. of Document examined by qualified Medical Officer on. 13. 11. 2014 ... and declared fit for employment in mine. This Certificate is valid upto.12 . 11 . 2015 खान अधिनियम, १९४२ THE MINES ACT, 1952 विर्मा 26/11/14 सरका. बाल्य.... Director of Mines Safety, BELASTER'S CERTIFICATE OF COMPETENCY Director of Mines Safety, Bellary थाना..... को जिनकी जन्मतिथिहै अपनी आयु, आरोग्यता, अच्छे आचरण, साक्षरता और अनुभव परीक्षा पास कर लेने पर धातु उत्पादक खान विनियमावली, १९६१ के ग्रधीन विस्फोटकर्ता प्रमाण-पत्न दिया जाता है। N. Anandan, S/O. Narasan born on Twenty four July, One thousand Nine hundred and Fortuning having given satisfactory evidence of his age, medical fitness, good conduct, literacy and experience and having passed granted a BLASTER'S CERTIFICATE under the Metalliferous Mines Regulations, 1961. सचिव A अध्यक्ष खनन पुरीका बोर्ड खनन परीक्षा बोर्ड Secretary airman Board of Mining Examinations. Board of Mining Examinations. 39..... तारीख. तारीख़ Dated 12-2- 1974 Dr. Director of M 21-01-2001 वाएं हाथ के अंगूठे का निशान Left hand thumb impression प्रमाणित किया जाता है कि उसकी स्वास्थ्य परीक्षा कर ली गई है और वह बहरेपन, संदोष दृष्टि या अन्य किसी ऐसी मानसिक अथवा शारीरिक अशक्तता से मुक्त पाया गया है जो उसके कर्तव्यों को प्रभावी रूप से करने में बाधक 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 7.-2.-8.3. On Dy. Director of Mines Safety(SG) Hellary. On 16.3188 MK Jami a) Dy. Director of Hin(SG), Beller 3 Oh Dr. Director of Min Bellary. velappo MGIPCEE-S3-(631)-16 DGMS/Dhanbad/71-15-3-72-7,000. Anti-10/13 निदेशक, खान सुरक्षा, बल्लारी Director of Mines Safety, Bella

Certificate of Blaster

Cert No. SMR-E 6375 unce artent/Government of India खान आधिनियम, 1952/Mines Act, 1952 खनन परीक्षा बोर्ड/Board of Mining Examinations द्वितीय क्षेणी प्रबंधका संख्याता प्रमाण-पत्र SECOND CLASS MANAGER'S CERTIFICATE OF COMPET (केवल ओपनकास्ट खानों तक सीपित) (Restricted to mines having opencast workings only) (धालिकीय खान विनिधय, 1961 को अलगॅन) (Under the Metalliferous Mines Regulations, 1961) अ नल्ली गीता कृष्ण सुप्र नल्ली बाला कृष्ण जिनको जन्म तिथि है, को विहित आईताएँ एवं अनुभव प्राप्त करने 17 07 1992 का सन्तोधकनक प्रमाण प्रस्तुत करने पर एतदुझा केवल आंधनकास्ट धानिवकीय गानों के प्रयंधन हेतु हितीय सेणी प्रबंधक संख्याता प्रमाण-पत्र प्रदान किया जाता है । यह प्रमाण-पत्र दिनांतः 01.11-2017 से प्रभावी है । Shri Nalli Geetha Krishna son of Ivalle Bala Krishna born on 17 the fully, 1992 having given satisfactory evidence of possessing the prescribed qualifications and experience is hereby granted SECOND CLASS MANAGER'S CERTIFICATE OF COMPETENCY to manage the metalliferous mines having opencist workings only. This certificate is effective from. 01-11-2017 जनन परीक्षा जात श्वनन प्रतिशा जोड Secretary Chairman Board of Mining Board of Mining Examinations Examinations Signed and Sealed Date /6-09/2

Certificate of Mines manager

			1691	REPORT			
Test R	eport No: 20191216	/R089		Date: 21.12.20	019		Page 1 of 1
			CUSTOM	ER DETAILS			
				M/sTripthy Gra	nites		
Custon	ner Details	Name	e & Address	Pattambi,			
		-		Palakkad Distri	ct		
		Surve	-	274,275/1A3			
		Village Panchayath		Thirumittacode II			
Locatio	n of Site	Taluk		Thirumittacode Pattambi			
		Distri		Pattambi Palakkad Kerala			
		State					
Custom	ner Reference			Test Request for	m dated 16	12 2010	
	S		SAMDLE	DETAILS	in dated 10	.12.2019	
Source	of Sample	Ambi	ent Air				
	n of Monitoring	-	side boundary	Sample Code Sampled By	Sample Code		16/S089
	Monitoring	-	.2019	Test Started On		Laborate 18.12.20	
Sample	Received On		.2019	Test Completed			
Humidi	ty	66%		Sampling Procee		21.12.2019 IS 5182 Part V & XIV	
						10 0102	1411 1 60 711
SL NO							
SL NO	TEST PARAME	FER	TEST M	IETHOD	UNIT	RESULTS	NAAQ STANDAR
01	Particulate matter (I	PM10)	IS 5182 Part 23:	2006 RA 2017	µg/m³	51.4	100
02	Particulate matter (I	PM _{2.5})	EPA 40 CFR Par	t 50 Appendix – L	µg/m³	23.5	60.0
03	Sulphur dioxide (SO	2)	IS 5182 Part 2: 2	001 RA 2017	µg/m³	<2.00	80.0
04	Nitrogen dioxide (No	D ₂)	IS 5182 Part 6: 2	006 RA 2017	µg/m³	<2.00	80.0
			End o	of Report			
			and a second	Standards	Environmen	ital & Analyti	and on beha ical Laborato
						Lat	Laiju P. I oratory I

Ambient Air

Onuironmen	tal Monitoring TES	T REPORT			
Test Report No:20191	216/R090	Date: 21.12.2019	Page 1 of		
	CUSTO	MER DETAILS			
		M/sTripthy Granites			
Customer Details	Name & Address	Pattambi,			
		Palakkad District			
	Survey No	274,275/1A3			
	Village	Thirumittacode II			
Location of Site Panchayath		Thirumittacode			
Location of Site	Taluk	Pattambi			
	District	Palakkad			
	State	Kerala			
Customer Reference		Test Request Form dated 16.12	.2019		
	SAMI	PLE DETAILS			
Source of Sample		Ambient Sound Level			
Sample Code		20191216/S090			
Location of Monitoring		West side Boundary			
Date of Monitoring		16.12.2019			
Method		IS 9989:1981 RA:2008			
DAYTIME	RESULT	NIGHTTIME	RESULT		
06.00 Hrs	37.7dB (A)	23.00 Hrs	37.8dB (A)		
07.00 Hrs 08.00 Hrs	40.5dB (A)	00.00 Hrs	38.5dB (A)		
09.00 Hrs	44.7dB (A) 48.2dB (A)	01.00 Hrs	38.1dB (A)		
10.00 Hrs	50.6dB (A)	02.00 Hrs 03.00 Hrs	38.8dB (A)		
11.00 Hrs	53.7dB (A)	04.00 Hrs	37.8dB (A) 39.6dB (A)		
12.00 Hrs	51.0dB (A)	05.00 Hrs	37.8dB (A)		
13.00 Hrs 14.00 Hrs	50.2dB (A)	RESULTS			
14.00 Hrs 15.00 Hrs	50.6dB (A)	RESULTS			
16.00 Hrs	51.0dB (A) 52.1dB (A)				
17.00 Hrs	52.5dB (A)	Noise Level (Leq) Daytime	49.1 dB (A)		
18.00 Hrs	47.1dB (A)				
19.00 Hrs	43.6dB (A)				
20.00 Hrs 21.00 Hrs	39.7dB (A)	Noise Level (Leq) Nighttime	38 0 dB (A)		
22.00 Hrs	39.2dB (A) 36.6dB (A)		38.0 dB (A)		
	00.00D (A) ***En	d of Report***			
	A DECEMBER OF THE PARTY OF THE	Standard ^s Environmental 8	Seen		

Result of ambient sound

	Environmenta			Date:	21.12.20	19		Page 1 of 1	
l'est l	Report No:20191216/R	091		Date.	21.12.20				
		-	CUSTOMER		<u>.S</u> ipthy Grar	aitas			
				Pattan		intes			
Custo	omer Details	N	ame & Address		ad Distric	+			
		-						,	
		-	urvey No	-	75/1A3	п			
	Pation of Site		Village Panchayath		Thirumittacode II Thirumittacode				
Locat			aluk	Pattambi					
		-	District		Palakkad				
		-	tate	Kerala	ı				
Custo	omer Reference			Test R	Request for	m dated 1	5.12.2019	9	
	1		SAMPLE			10	10.10.0	210	
-	ble Code	-	0191216/S091		le Received		16.12.20	2.2019	
1	ble Name	-	/ater		ling Procee ling Locati				
-	ble Description ification By Customer		pen well		le Conditio		Good		
	oled On			-	Started On	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	18.12.2	019	
	oled By	-	ustomer	-	Completed	On	21.12.2		
Sum	Jied Dy	1							
SL NO	TEST PARAMETER		TEST METHOD		UNITS	RES	ULT	ACCEPTABLE LIM (IS 10500 - 2012)	
01	Colour		IS 3025 Part 4:1983 RA	2017 Hazen		1.0	00	5.00 (Max)	
02	Odour		IS 3025 Part 5:1983 RA	2017	Unobjectio		tionable	Unobjectionable	
03	Turbidity		IS 3025 Part 10:1984 R/	RA 2017 NTU 0.40		40	1.00 (Max)		
04	pH		IS 3025 Part 11:1983 R/	A 2017		6.6	54	6.50 - 8.50	
05	Conductivity		IS 3025 Part 14:1984 R/	A 2013	µS/cm	95	.0		
06	Total Dissolved Solids		IS 3025 Part 16:1984 R/		mg/L	60		500 (Max)	
07	Total Hardness (as CaCo	D3)	IS 3025 Part 21:2009 R/		mg/L	28		200 (Max)	
08	Calcium (as Ca)		IS 3025 Part 40:1991 R/		mg/L	2.43		75.0 (Max)	
09 10	Magnesium (as Mg)		IS 3025 Part 46:1994 R/ IS 3025 Part 32:1988 R/		mg/L	8.6		30.0 (Max)	
10	Chloride (as Cl) Total Alkalinity (as CaCO	22)	IS 3025 Part 32:1988 R		mg/L mg/L	20		250 (Max) 200 (Max)	
12	Iron (as Fe)	- 01	IS 3025 Part 53:2003 RA		mg/L mg/L	0.2		1.00 (Max)	
13	Sulphate (SO4)		IS 3025 Part 24:1986 R/		mg/L	<1.		200 (Max)	
14	Total Coliform Bacteria		IS 15185 : 2016			Absent/		Absent/100 ml	
15	E coli		IS 15185 : 2016			Absent/	100 ml	Absent/100 ml	
			***Bnd	of Report		rd ^s Enviro	nmental (For and on beha Analytical Laborato Authorized Signa Laiju P. f	

Result of drinking water



Newspaper Advertisement

PRATHYASA BHAV	AN CHARITABLE TRUST
80 G REGISTRATION NO UNIT-I, PRATHYAS	DO3-SRO, PUTHENCRUZE D. CIT/CHN/TECH/80G - 56/2010-11 SA BHAVAN AS BARAAA
Walayluamthuruth	P.O. Ernakulam (Dt) 683 561 1767, Mob : 9447379213 Date 3-10-2
Received with thanks from Mr./Mrs./M	
Rupees Five thousand	only
towards Donation /Building Fund/Spec	
in Cash/Kind	
Rs. 5000/-	For Prathyasa Bhavan Asramam
PAN : AAATP0973D	Vir Bricetor /

L	+45 CHEQU	JE / CASH VO	DUCHER	Date	31.1	2-19
Paid to :					Rs.	Ps.
	np/hy - a	Donat Berny	lion	3	000	-
	0	Benny	Pathor)/		
	me though	0	1			
Rs. (In words) ` [Narration :	mu thou	pand	only			
Ks. (In words) ` [Narration :	mu hou	Pand				
Ks. (In words) ` [mu how	Pand.	Bank Branch			
Ks. (In words) ` [mi hou	Pand.	Bank	No.		





میں میں میں د	94 Dingo Brown	อญญ
bari Printers KPR- 854708067	mande: 18 (18) (6
Chithram Chithram	Alglemuuly ₹ 500/	23.0.7424

காகவுணால் இன்றாத் கோர் து வாளகால் இன்றாத் கோர் து வாளகால் கல்னு கணி
MORSDUA ALAMA (w ¹ /(w ¹)am) <u>NIPTH</u> CALAN Lama Markov Lama Markov
Rs. 20:00

CSR/CER Receipts