

COMPLIANCE REPORT

APRIL 2019 – SEPTEMBER 2019

**M/s Ruby Stone Crusher
(Quarry Project)
Kozhikode District, Kerala**



PMP Estate, Engapuzha (Poolode), P.O. Chamel. Thamarassery, Kozhikode
Kerala - 673 573, Mob : 9446012919, Tel : 0495-3156001 - E-mail : rubystonecrusher@yahoo.com

Dt. 14-08-2019

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

Ref :- File No. 10/DEIAA/KL/MIN/3970/2017

Sub :- Environment Clearance – Quarry project at Kattippara Village,
Kattippara Panchayath, Thamarassery Taluk, Kozhikode District, Kerala –
Compliance Report – First Half - Reg.

Respected Sir,

The Quarry (Building stone) project was accorded Environmental Clearance for
4.1943 Ha. by order No. 10/DEIAA/KL/MIN/3970/2017 dated 23.09.2017 by District
Environmental Impact Assessment Authority, Kozhikode. The compliance report of **First
half** (April 2019 – September 2019) to the specific and general conditions of the
Environment Clearance order is enclosed.

Thanking you,

Yours respectfully,

For,

M/s Ruby Stone Crusher

Mr. Abdulla Koya Thangal C.P
(Managing Partner)

Managing Partner



Copy to:-

1. The Member Secretary
State Environment Impact Assessment Authority (SEIAA),
Thiruvananthapuram, Kerala.
2. DEIAA Kozhikode or RDO Kozhikode

Encl: - As Above

Manufactures of : Granite Metals (40mm, 20mm, 12mm, 6mm) M.Sand & Cement Bricks

COMPLIANCE REPORT

TO

THE CONDITIONS

OF

ENVIRONMENTAL CLEARANCE ORDER

NO: 10/DEIAA/KL/MIN/3970/2017

DATED: 23.09.2017

BY

**DISTRICT ENVIRONMENTAL IMPACT ASSESSMENT
AUTHORITY (DEIAA) KOZHIKODE**

FOR

BUILDING STONE QUARRY

(MINOR MINERAL MINING) PROJECT

AT

**RE SURVEY NO. 1 AT KATTIPARA VILLAGE, KATTIPARA
PANCHAYATH, THAMARASSERY TALUK, KOZHIKODE DISTRICT,
KERALA.**

BY

M/S RUBY STONE CRUSHER

KOZHIKODE DISTRICT

KERALA

INDEX

SI. No.	Particulars	Page No.
1.	Introduction	06
2.	Compliance Report – Specific conditions – Part A	07
3.	Compliance Report – General conditions – Part B	09
4	Plates	31
5	Annexure	34

LIST OF TABLES

Table No.	Particulars	Page No.
1.	The details of performed activities under CSR	12
2	The details of statutory approvals	19
3	Details of news paper where advertisement published	21

LIST OF PLATES

Plate No.	Particulars	Page No.
1	Photograph of barbed metal wire fencing around the mining area.	32
2	Photograph of Mining Activity	32
3	Photograph of the magazine	33
4	Photograph of Metallic board	33

LIST OF ANNEXURES

Annexure No.	Particulars	Page No.
1.	CSR activities	35
2.	Copy of consent to operate from SPCB	37
3.	Copy of EC order	39
4.	Copy of Explosive License	40
5.	Copy of Panchayath License	41
6.	Copy of lease order from Dept. Mining and Geology.	42
7.	Copy of advertisement in news papers	43
8.	Copy of acknowledgement form <i>Gram panchayat</i>	44
9.	Copy of monitoring report of ambient air	45
10.	Copy of monitoring report of sound level.	46
11.	Copy of monitoring report of water	47
12.	Copy of Certificate of Foreman	48

INTRODUCTION

The quarry project of M/s Ruby Stone Crusher is situated at Survey No. 1 at Kattippara Village, Kattippara Panchayath, Thamarassery Taluk, Kozhikode District, Kerala.

The quarry project was accorded with the Environmental Clearance (EC) by District Environmental Impact Assessment Authority on 23-09-2017. 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 first half to the specific conditions and general conditions of the Environmental Clearance order for the period of **April 2019 – September 2019** is being submitted.

COMPLIANCE REPORT

(SPECIFIC CONDITIONS)

PART A

PART - A – SPECIFIC CONDITIONS

01	Should be fenced all around.	Complied
-----------	-------------------------------------	-----------------

Compliance:

The project proponent has erected barbed metal wire fencing around the mining area for enhancing safety. This will help to prevent falling of animals/human being/dumping of garbage etc. Same is attached as **Plate No. 1**

02	The limited patch of natural vegetation seen adjacent to the proposed lease area should be preserved as such.	Noted
-----------	--	--------------

Compliance:

The project proponent is preserving the limited patch of natural vegetation seen adjacent to the proposed lease area. This will enhance the bio diversity in the project site.

03	The entire quarry should be provided with catch water drain. The storm water from the upper slopes to be channelized into the drain and clarified before it is let out.	Being Complied
-----------	--	-----------------------

Compliance:

The storm water from the upper slopes is being channelized to a de siltation trap and clarified before it is let out. In order to collect the storm water from the upper slopes the project is constructing catch water drain in the project site.

04	A RWH structure should be created for the storage of rain water.	Complied
-----------	---	-----------------

Compliance:

To utilize the rain water, the project proponent has developed a Rain Water Harvesting (RWH) structure is properly maintaining in the area.

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.	Complied
-----------	---	-----------------

Compliance:

To conserve rain water from the entire project land, the proponent has developed one rain water harvesting pond in the quarrying area. The surface runoff is canalized to the pond through garland drains. The water from pond is mainly used for crusher work, watering of plants, wetting of roads and sprinkler system for contain dust emission.

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

Compliance:

To monitor the mining activity, an Environmental Monitoring Cell (EMC) was formed with Mr. Abdulla Koya Thangal C.P as head of the monitoring cell. The EMC meeting convenes regularly to evaluate and monitor quarrying work in connection with the 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
-----------	--	-----------------------

Compliance:

To prevent dust emission during transportation of materials, suitable avenue trees were planting along the road side and parking area. There are natural vegetation including trees, shrubs, herbs and climbers present either side of tarred road and in the parking areas.

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

Compliance:

The project proponent 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 installed in and around the crusher unit.

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

Compliance:

The project proponent has been planting various saplings within the project area. The mine closure plan will be done at own cost of project proponent as agreed in the proposal.

06	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.	Noted
-----------	--	--------------

Compliance:

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

07	Corporate Social Responsibility (CSR) agreed upon by the proponent should be implemented.	complied
-----------	--	-----------------

Compliance:

The activities under Corporate Social Responsibility (CSR) activities are executed in the sectors of Health and education. The project proponent is intending to carry out more activities under CSR for inclusive growth in the community. The vouchers of the CSR activity are provided at **Annexure No.1**. The details of CSR provided in the period of first half is mentioned in the **Table No.1**

Table No.1 – Detail of performed activities under CSR

Sectors	Activities	Beneficiaries	Amount spent in Rs.
Infrastructure Development	Donation of Materials	Chundan Kuzhi Masjid	4000
	Donation of Materials	Boss	2500
	Donation of Materials	Chundan Kuzhi Masjid	800
	Donation of Materials	Chundan Kuzhi Masjid	1000
	Donation of Materials	Jameela	2500
	Donation of Materials	Vot Masjid	8000
	Donation of Materials	Leela	1500
	Donation of Materials	Joy V Chal	600
	Donation of Materials	Ali Ve Chal	3200
	Donation of Materials	Ramla Vendekum Chal	5000
	Donation of Materials	Majeed Nerokumchl	1000
	Donation of Materials	Chakkomuringa Kudi	3300
	Donation of Materials	Chakkomuringa Kudi	4800
	Donation of Materials	Ramla Vendekum Chal	5000
	Donation of Materials	Parambath Kav Masjid	15000
	Donation of Materials	Jamal Kakkavayal	3000
	Donation of Materials	Ummer Master	9000
Donation of Materials	Thalayad	4500	
Donation of Materials	Shareef	7500	

	Donation of Materials	Aboobacker	3000
	Donation of Materials	Nasar Kaithapoil	3000
	Donation of Materials	Shan Master	2380
	Donation for Construction	Chamal Mahal Juma Musjid	25000
	Donation for Construction	Chundan Kuzhi Masjid	20000
Health	Donation	Food Donation	425000
Social	Donation	Karappata Bagavathi Shethram	5000
	Donation	C H Muhammed Koya Memorial Charitable Center	1000
	Donation	Venakkav Shetram	3000
	Donation	Ganeha Ulsavam	10000
	Donation	Ambalappadi Arrattu Ulsavam	10000
Skill Development	Donation	Ksl Kattippara	1000
	Donation	Voli Mela Chamal	3000
	Donation	Siver Star Club Chamal	3000
Total			5,96,580

08	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.	Complied
-----------	--	-----------------

Compliance:

To enhance safety and to prevent falling of animals/human being/dumping of garbage etc, the project has erected barbed metal wire fencing around the mining area with height of 4 ft. The photograph of barbed metal wire fencing is provided in **Plate No.4.**

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

Compliance:

The project has installed warning alarms in the quarry site. This warning alarm is properly working prior to the blasting time.

10	Control measures on noise and vibration prescribed by KSPCB should be implemented.	complied
----	---	-----------------

Compliance:

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

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

Blast vibrations and control measures

- ❖ Controlled blasting technique is adopted in this project in order to reduce blast vibrations.

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

11	Quarrying activities should be limited to day time as per KSPCB guidelines/specific conditions.	Complied
-----------	--	-----------------

Compliance:

To reduce inconvenience to the community people, quarrying activities are limited to day time only as per KSPCB guidelines. The Quarrying time is from 7 am - 2 pm.

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

Compliance:

To prevent possible fly rock and other adverse impact from blasting, the blasting is done in controlled manner by using ordinary delayed detonators. All blasting activities are carrying out with the specified regulations of explosive department. All blasting are under careful supervision of qualified persons. The blasting time is 2 pm to 3 pm.

13	A licensed person should supervise/control the blasting operations.	complied
-----------	--	-----------------

Compliance:

To monitor, the project has appointed Mines manager, foreman and mining mates in the site to supervise/control exploitation of minor minerals including blasting at the project site. The certificate of Foreman is attached as **Annexure No.12**.

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

Compliance:

The overburden materials are stored within the site at designated place. This will be used for plantation, haulage roads and land filling in the mining area.

15	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.	Being complied
----	---	-----------------------

Compliance:

The quarrying activity in the project is progressing by creating benches of 5m width and 5m height. **Plate No.2** showing the work progressing in the quarry area.

16	Mats to reduce fly rock blast to a maximum of 10 PPV should be provided.	Noted
----	---	--------------

Compliance:

The project proponent is using blasting mat to prevent fly rock blasting. The project is using ordinary delayed detonator for blasting therefore there is no issue with fly rock in the community and the project is also assure the maximum PPV is under 10.

17	Acoustic enclosures should be provided to reduce sound amplifications in addition to the provisions of green belt and hollow brick envelop for crushers so that the noise level is kept within prescribed standards given by CPCB/KSPCB.	complied
----	---	-----------------

Compliance:

To reduce sound amplification, the machines of crusher unit is housed with solid bricks. The project proponent has regularly maintains the machineries of crushing the

building stones. 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.

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

Compliance:

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

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

Compliance:

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

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

Compliance:

The project assure that the trucks are covered to avoid dust emission from the vehicle while transportation of materials.

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

Compliance:

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

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

Compliance:

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

23	Explosives should be stored in magazines in isolated place specified and approved by the explosives department.	Complied
----	--	-----------------

Compliance:

As per stipulation, the explosives are stored in magazine. The magazine situated in an isolated place specified and approved by the explosives department. The photograph of magazine housed in solid bricks is attached as **Plate No 3**.

24	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
----	---	-----------------

Compliance:

The distance of the nearest house is above 155 meter form the quarry 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 KSPCB condition are 50 meter.

25	100 m buffer distance should be maintained from forest boundaries.	Noted
----	---	--------------

Compliance:

There is no forest near to the project site.

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

Compliance:

The Project has obtained “*Consent to Operate*” (Renewal) from Kerala State Pollution Control Board. The copy of consent is provided in **Annexure 2**.

27	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
----	--	-----------------

Compliance:

All statutory clearances, approvals, licenses are obtained from concerned authorities. All conditions stipulated in such approvals are strictly followed. The obtained approvals are mentioned in **Table No.2**. The certificates obtained from concerned statutory authorities are enclosed in **Annexure No. 2, 3, 4, 5 & 6**. The details are given below

TABLE 2 – APPROVALS FROM COMPETENT AUTHORITIES

Name of the Statutory approval	Name of the Statutory authority
Environmental Clearance order	State Environmental Impact Assessment Authority, Kerala
“<i>Consent to Operate</i>” (Renewal)	Kerala State Pollution Control Board
Explosive License	Ministry of Commerce & Industry – Petroleum & Explosives Safety Organization (PESO)
License for quarry operations	Gram Panchayath
Lease order	Directorate of Mining and Geology

28	In the case of any change(s) in the scope of the project, extent quantity, process of mining technology involved or in any way	Noted
----	---	--------------

	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.	
--	---	--

Compliance:

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

29	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
-----------	---	--------------

Compliance:

The project is willing to add additional safe guard measures subsequently if the authority found necessary.

30	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
-----------	--	--------------

Compliance:

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

1. KMMCR 2015
2. The Environment Protection Act,1986
3. Water (Prevention and Control of Pollution) Act, 1974
4. The Air (Prevention and Control of Pollution) Act, 1981

5. The Public Liability (Insurance) Act, 1991
6. Municipal Solid Waste (Management and Handling) Act, 2000
7. Hazardous and Other Wastes (Management and Handling) Rules, 1989.
8. EIA notification, 2006
9. The Kerala Minor Mineral Concession Rules 2015

31	The project proponent should advertise in at least two local news papers widely circulated in the region, one which (both advertisement and the newspaper) shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the District Environment impact Assessment Authority (DEIAA) office Kozhikode and may also be seen on the website of the Authority at www.environmentclearance.nic.in. 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.	Complied
-----------	--	-----------------

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 DEIAA Kerala. The copy of the advertisement given in two local newspapers is provided at **Annexure No. 7**. The details are given below in the table.

Table No. 3 Details of advertisement in news paper

Sl. No	News paper	Language	Date of edition
01	Madhyamam	Malayalam	17-Oct-2017
02	The Hindu	English	17-Oct-2017

32	A copy of the clearance letter shall be sent by the proponent to concerned GramaPanchayat /District Panchayat / Municipality /	Complied
-----------	---	-----------------

	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 letter to anyone. The acknowledgement received from the Panchayat office is attached in **Annexure No. 8**.

33	The proponent shall submit half yearly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) and upload the status of compliance of the stipulated EC conditions including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the respective State Environment Impact Assessment Authority (SEIAA) office and also to the District Environment Impact Assessment Authority (DEIAA) office.	complied
-----------	---	-----------------

Compliance:

The compliance report is being submitted to the State Environmental Impact assessment Authority (SEIAA), Kerala and the District Environmental Impact assessment Authority (DEIAA) office. The monitored data of Air, Water and Noise is attached as **Annexure No. 9, 10 & 11**

34	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	Complied
-----------	--	-----------------

	than 40. Sign board with extent of lease area and boundaries shall be depicted at the entrance of the quarry, visible to the public.	
--	---	--

Compliance:

The detail of the Environmental Clearance is prominently displayed in a metallic board with the specific conditions as per specifications mentioned in the condition was installed. The Photograph is attached as **Plate No. 4.**

35	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
-----------	--	-----------------

Compliance:

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

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

Compliance:

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

37	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
-----------	---	--------------

Compliance:

There is no water course in the mining area, the project proponent will take all necessary safeguards to prevent contamination of stream as well as ground water. 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.

38	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 unloading points & transfer point to reduce fugitive emissions.	Noted
----	--	--------------

Compliance:

The project proponent has monitoring 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.

39	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 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 dump. The entire excavated area shall be backfilled. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining.	Noted
----	--	--------------

Compliance:

The overburden is being stacked in a designated place within the project site. 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 District Environment Impact Assessment Authority (DEIAA). The Environment Monitoring Cell will monitor the execution of eco restoration.

40	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.	Being complied
----	--	-----------------------

Compliance:

To manage surface runoff, the project proponent is being constructing 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.

41	Effective safeguard measures such as regular water sprinkling shall be carries out in critical areas prone to air pollution and having high levels of PM₁₀ 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.	Being complied
----	--	-----------------------

Compliance:

The project proponent is regularly wetting the haulage road and other critical area to prevent dust emission. The ambient air quality is monitoring with the help of an approved laboratory.

42	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.	complied
----	---	-----------------

Compliance:

To prevent dust emissions, the project proponent installed sprinklers and deployed vehicle to splash water in critical area (near to Crusher unit) to reduce the dust emission such as loading and unloading points, haul roads and transfer points.

43	Measures should be taken for control of noise levels below 85 dBA in the work environment.	complied
----	---	-----------------

Compliance:

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

44	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.	complied
----	--	-----------------

Compliance:

To monitor all conditions stipulated in the Environment Clearance and environment Management Plan, the project proponent constitutes an Environment Monitoring Cell with Mr. Abdulla Koya Thangal C.P as the head of the Cell.

45	The funds earmarked for environmental protection measures 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 District Environment Impact assessment authority Kozhikode (DEIAA) office.	Being Complied
----	---	-----------------------

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

46	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.	Noted
----	---	--------------

Compliance:

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

47	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
----	--	--------------

48	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,	Noted
----	---	--------------

	1986.	
--	--------------	--

49	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 DEIAA reserves the right to alter/modify the above conditions or stipulate any further condition in the interest of environment protection.	Noted
-----------	---	--------------

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.

50	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
-----------	--	--------------

Compliance:

The project is giving priority to the conditions stipulated in the Environment clearance Order for its execution.

51	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
-----------	---	--------------

52	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
-----------	--	--------------

53	The mining operation shall be restricted to above ground water table and it should not intersect ground water table.	Noted
----	---	--------------

Compliance:

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

54	All vehicle used for transportation and within the mine shall have “PUC” certificate from authorized pollution testing center. Washing of all vehicles shall be inside the lease area.	complied
----	---	-----------------

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 only in authorized pollution testing center.

55	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
----	---	--------------

Compliance:

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

56	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 reports to DEIAA.	Noted
----	---	--------------

Compliance:

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.

57	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
----	--	-------------------------

Compliance:

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

58	The environmental clearance liable to be cancelled if the said land is found in porambokku, surplus land, etc.	Noted
----	---	--------------

Compliance:

The instant quarry project is operating in private owned land. No porambokku, surplus land, etc. included in the mining area.

PLATES

Plate No. 1



Photograph of Fencing around lease area

Plate No. 2



Photograph of Mining Activity

Plate No. 3



Photograph of Magazine

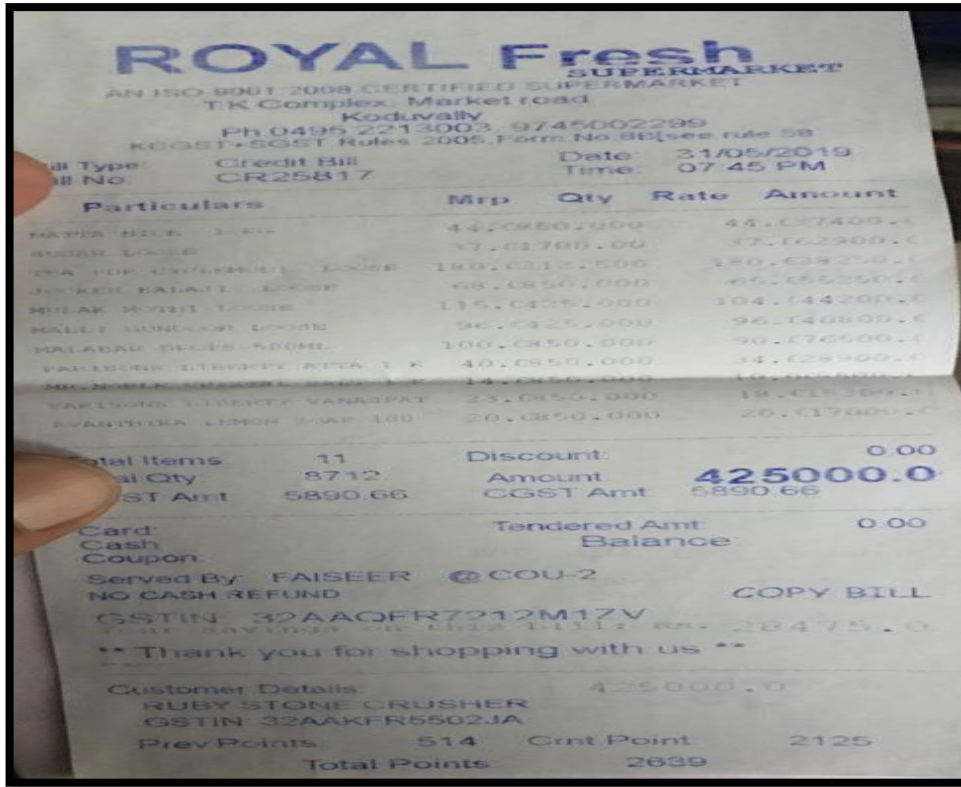
Plate No. 4



Photograph of EC Board

ANNEXURE

Annexure No.1



സിൽവർ സ്റ്റാർ
 ആർട്സ് & സ്പോർട്സ് ക്ലബ്ബ് വേനക്കാവ്
സംഭാവന രസീത്

2019 സെപ്റ്റംബർ 7, 8

8
 ശ്രീ/ശ്രീമതി... **രൂബി ക്രഷർ**
റബ്ബിന
 പക്കൽനിന്നും.....
 സംഭാവനയായി നന്ദിപുരവും കിട്ടിബോധിച്ചു.
 ₹ **2000/-**
 തീയതി: **6.9.19**
 അംഗീകരിക്കുന്നു

വിശ്വഹിന്ദു പരിഷത്ത് താമരശ്ലേരി പ്രവണ്ഡ്
ഗണേശോത്സവം
 വിനായകനഗർ-താമരശ്ലേരി (കാരാടി)
 2019 സെപ്റ്റംബർ 2 മുതൽ 8 വരെ
സംഭാവന രസീതി

No: **33** Date: **7.9.19**
 ശ്രീ./ശ്രീമതി... **Ruby Stone Crusher**
 പക്കൽ നിന്നും
 നന്ദിപുരവും കിട്ടിബോധിച്ചു.
 ₹ **10000/-**
 പ്രസിഡണ്ട്/സെക്രട്ടറി

കാർഷ്യ മാളശ്ലേരി ശ്രീ ഭഗവതി ക്ഷേത്രം
നവരാത്രി മഹോത്സവം - 2019
 2019 സെപ്റ്റംബർ 29 മുതൽ ഒക്ടോബർ 8 വരെ
 (1195 കന്നി 13 മുതൽ 22 വരെ)

നമ്പർ: **386** തീയതി: **4.10.2019**
 ശ്രീ/ശ്രീമതി... **രൂബി ക്രഷർ**
 പക്കൽനിന്നും... **റബ്ബിന**
 നന്ദിപുരവും കിട്ടിബോധിച്ചു.
 ₹ **5000/-**
 ക്ഷേത്രക്കമ്മിറ്റി

CSR activities

Annexure No.2



KERALA STATE POLLUTION CONTROL BOARD

FILE NO. :PCB/KKD/DO/746/2008

Date of issue :2018-09-07

CONSENT VARIATION ORDER

Consent No : PCB/KKD/DO/ICO-VAR /746/2018

Ref : 1. Your online application no 8718801 dated 07.09.2018

2.Consent variation no .PCB/KKD/DO/ICO/746/2018 dated 06.09.2018 valid up to 31.03.2023

The ' Integrated Consent to Operate' issued as per reference above to M/s RUBY STONE CRUSHER, PMP ESTATE POOLODE, CHAMAL PO, THAMARASSERY is hereby modified & issued to M/s RUBY STONE CRUSHER, PMP ESTATE POOLODE, CHAMAL PO, THAMARASSERY The consent(s)/ variation order(s) cited under reference are integral part of this consent variation order and this order is subject to the conditions stipulated therein and the following modifications/ additions.

I. GENERAL

S.No.	Items	Description
1	TOTAL MACHINERY	500 HP[PRIMARY CRUSHER 50 HP,CONE CRUSHER 200 HPSECONDARY CRUSHER 30 HP,PRIMARY CRUSHER 75 HP,SECONDARY CRUSHER 50 HP, MSAND 40 HP, ACCESSORIES 55 HP

II. CONDITIONS

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

DATE :07/09/2018

SHABNA KUSHE SHEKHAR
 Digitally signed by SHABNA KUSHE SHEKHAR
 Date: 2018.09.11 11:32:36 +05'30'
 SIGNATURE & SEAL OF ISSUING AUTHORITY
 ENVIRONMENTAL ENGINEER
 DISTRICT OFFICE KOZHIKODE



To
SRI.ABDULLAKOYA THANGAL C.P.
MANAGING PARTNER
RUBY STONE CRUSHER
PMP ESTATE
CHAMAL P.O.
THAMARASSERY-673573

1. This digitally signed document is legally valid as per the Information Technology Act 2000

2. For verifying this document please go to krocmms.nic.in and search using date of issue/name of the unit/Application Number in "Consent Granted Applications" link in the home page of the Board's Online Consent Management and Monitoring System.

Page2

Copy of Consent form PCB

Annexure No.3

Validity expires on 23.09.2022

Proceedings of the District Environment Impact Assessment Authority Kozhikode

Present : Sri.U.V.Jose. IAS, District collector & Chairman DEIAA, Smt Shamin Sebastian RDO and Member Secretary DEIAA, Sri Sunil Kumar DFO & Member Sri Sathyanathan. Member

Sub : DEIAA-Environmental clearance for the quarry project in Re Sy. No. 1 at Kattippara Village Kattippara Panchayath, Thamarassery Taluk Kozhikode District, Kerala Mr. Abdulla Koya Thangal C.P., Managing Partner, M/s Ruby Stone Crusher, PMP Estate, Chamal Post, Thamarassery, Kozhikode District, Kerala-673573 - E C Granted - Orders issued.

Ref : 1. Application dated 10.01.2017 from Sri. Mr. Abdulla Koya Thangal C.P., Managing Partner, M/s RUBY STONE CRUSHER, PMP Estate, Chamal Post, Thamarassery, Kozhikode District, Kerala-673573.
2. Minutes of the 4th meeting of DEAC held on 12/05/2017
3. Minutes of the 5th meeting of DEAC held on 09/06/2017
4. Minutes of the 3rd meeting of DEIAA held on 03/08/2017

District Environment Impact Assessment Authority, Kozhikode

No. 10/ DEIAA /KL/MIN/3970/2017. Dated, Kozhikode: 23.09.2017

ENVIRONMENTAL CLEARANCE NO 10./2017

Mr. Abdulla Koya Thangal C.P., Managing Partner, M/s Ruby Stone Crusher, PMP Estate, Chamal Post, Thamarassery, Kozhikode District, Kerala-673573 vide his application received on 10.01.2017, has sought Environmental Clearance under EIA Notification, 2006 for the quarry project in Re Survey No. 1 at Kattippara Village Kattippara Panchayath, Thamarassery Taluk, Kozhikode District, Kerala for an area of 4.1943 hectares. The project comes under Category B2, Activity 1(1), (i) as per the Schedule of EIA Notification 2006 (since it is below 50 hectares) and as per O.M. No. L-11011/47/2011-IA-11(M) dated 18th May 2012 of Ministry of Environment and Forests. It is further categorized as Category B2 as per the O.M. No. J-13012/12/2013-IA-II (I) dated 24.12.2013 of Ministry of Environment and Forests, since the area of the project is below 5 hectares.

The proposed project site falls within Latitude 11°28'11.44"N to 11°28'20.09"N and Longitude 75°56'41.81"E to 75°56'51.90"E. The land use classification as per revenue records is private own land. The lease area consists of 4.1943 hectares. The current proposal is for the new building stone quarry project. The proposed project is for quarrying of 100000 MTA of building stone. The other details are as follows:

1

Copy of Environmental Clearance


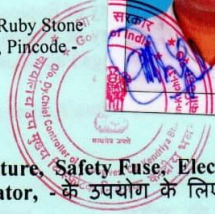
Annexure No.4

Transferred from Shri Abdulla Koya Thangal

अनुज्ञप्ति प्ररूप एल. ई.-3 | LICENCE FORM LE-3
(विस्फोटक नियम, 2008 की अनुसूची 4 के भाग 1 के अनुच्छेद 3(क) से (घ) देखिए।)
(See article 3(a) to (d) of Part 1 of Schedule IV of Explosives Rules, 2008)

(ग) उपयोग के लिए एक समय पर वर्ग 1,2,3,4,5 या वर्ग 7 के विस्फोटक या किसी मैगजीन में वर्ग 6 के विस्फोटक रखने के लिए
अनुज्ञप्ति
Licence to possess : (c) for use, explosives of class 1, 2,3,4,5,6 or 7 in a magazine

अनुज्ञप्ति सं. (Licence No.) : E/SC/KL/22/1153(E.58074)
वार्षिक फीस रूपए (Annual Fee Rs): 2400/-

1. Licence is hereby granted to
Shri Abdulla Koya Thangal Managing Partner (अधिभोगी / Occupier : Abdulla Koya Thangal), M/s.Ruby Stone
Crusher, Chamal P.O., Thamarassery, Town/Village - Thamarassery, District-KOZHICODE, State-Kerala, Pincode -
673573

को अनुज्ञप्ति अनुदत्त की जाती है।

2. अनुज्ञप्तिधारी की प्रास्थिति | Status of licensee : **Partnership Firm**

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

4. अनुज्ञप्ति विस्फोटकों के निम्नलिखित किस्मों, प्रकार और मात्रा के लिए विधिमान्य है।
Licence is valid for the following kinds and quantity of explosives: -- (क) (a)

क्र Sr. No.	नाम और विवरण Name and Description	वर्ग और प्रभाग Class & Division	उप-प्रभाग Sub-division	मात्रा किसी एक समय में Quantity at any one time
1.	Nitrate Mixture	2,0	0	150 Kg.
2.	Safety Fuse	6,1	0	1650 Mtrs
3.	Electric Detonators	6,3	0	2000 Nos.
4.	Ordinary Detonator	6,3	0	2000 Nos.

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

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

5. निम्नलिखित रेखाचित्र (रेखाचित्रों) से अनुज्ञप्ति परिसर की पुष्टि होती है। रेखाचित्र क्र. (Drawing No.) E/SC/KL/22/1153(E.58074)
The licensed premises shall conform to the following drawing(s) : दिनांक (Dated) 09/10/2018

6. अनुज्ञप्ति परिसर निम्नलिखित पते पर स्थित हैं। The licensed premises are situated at following address:
Survey No. R.S.No.1 of Chamal Desam, Kattippara village, Thamarassery taluk , ग्राम (Town/Village) : Kedavoor
village,kozhikode taluk पुलिस थाना (Police Station) : Koduvally

जिला (District)	KOZHICODE	राज्य (State)	Kerala	पिनकोड (Pincode)	673573
दूरभाष (Phone)	9446012919	ई.मेल (E-Mail)		फैक्स (Fax)	

7. अनुज्ञप्ति परिसर में निम्नलिखित सुविधाएं अंतर्विष्ट हैं। : **pucca magazine of masonry construction**
The licensed premises consist of following facilities.

8. अनुज्ञप्ति समय - समय पर यथासंशोधित विस्फोटक अधिनियम, 1884 और उनके अधीन विरचित विस्फोटक नियम, 2004 के
उपबंधों, शर्तों और अतिरिक्त शर्तों और निम्नलिखित उपाबंधों के अधीन रहते हुए अनुदत्त की जाती है।
The licence is granted subject to the provision of Explosives Act 1884 as amended from time to time and the Explosives Rules,
2008 framed there under and the conditions, additional conditions and the following Annexures.

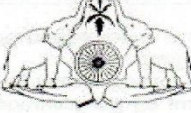
- उपर्युक्त क्रम सं. 5 में यथा कथित रेखाचित्र (स्थान, सन्निर्माण संबंधी और अन्य विवरण दर्शित करते हुए।)
Drawings (showing site, constructional and other details) as stated in serial No. 5 above.
- अनुज्ञप्ति प्राधिकारी द्वारा हस्ता.क्षरित इस अनुज्ञप्ति की शर्तों और अतिरिक्त शर्तों।
Conditions and Additional Conditions of this licence signed by the licensing authority.
- दूरी प्ररूप DE-2 | Distance Form DE-2.

9. यह अनुज्ञप्ति तारीख **31 मार्च 2015** तक विधिमान्य रहेगी। This licence shall remain valid till **31st day of March 2015.**

यह अनुज्ञप्ति, अधिनियम या उसके अधीन विरचित नियमों या अनुसूची V के भाग 4 के प्रति निर्दिष्ट सेट-VII के अधीन तथा
उपवर्णित इस अनुज्ञप्ति की शर्तों का अधिक्रमण करने या यदि अनुज्ञप्ति परिसर योजना या उससे संलग्न उपबंध में दर्शित विवरण
के अनुरूप नहीं पाए जाने पर निलंबित या प्रतिसंहत की जा सकती है, जहां वह लागू हो।

Copy of Explosive License

Annexure No.5




ലൈസൻസ് നമ്പർ എ1-647/18 തീയതി 10/04/2018

കട്ടിപ്പാറ ഗ്രാമ പഞ്ചായത്തിൽ നിന്നും

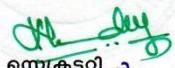
1994 ലെ കേരള പഞ്ചായത്ത് രാജ് ആക്ട് (1994 ലെ 13)232 , 233, 234, 254 എന്നീ വകുപ്പുകളും അതേ തുടർന്നുള്ള ചട്ടങ്ങളും അനുസരിച്ചു നൽകുന്ന

ഡി & ഒ ലൈസൻസ്

ലൈസൻസിയുടെ പേരും മേൽവിലാസവും റോഡ്,	അബ്ദുള്ളക്കോയ തങ്ങൾ.സി.പി, മാനേജിംഗ് പാർട്ട്ണർ, റൂബി സ്റ്റോൺ ക്രഷർ, ചമൽ(പിഒ), താമരശ്ശേരി.			
സ്ഥാപനത്തിന്റെ പേരും , മേൽവിലാസവും സ്ഥലനാമവും	റൂബി സ്റ്റോൺ ക്രഷർ (കാറി) ചമൽ.			
ലൈസൻസ് നൽകിയിട്ടുള്ള പ്രവർത്തനങ്ങൾ	കരിങ്കൽ കാറി നടത്താൻ			
കെട്ടിടത്തിന്റെ നമ്പരും വാർഡു നമ്പരും	കോഴിക്കോട് ജില്ലയിൽ താമരശ്ശേരി താലൂക്കിൽ കട്ടിപ്പാറ വില്ലേജ് റീസ 1 ൽപ്പെട്ട 4.1943 ഹെക്ടർ സ്ഥലം			
ലൈസൻസ് കാലയളവ് വകുപ്പുകളിൽ നിന്നുള്ള നിരാക്ഷേപ പത്രങ്ങളും അനുമതി പത്രങ്ങളും പുതുക്കി നൽകുന്ന മുറയ്ക്ക്	01/04/2018 മുതൽ 31/03/2023 വരെ (മറ്റു			
ഈടാക്കിയ ലൈസൻസ് ഫീസ്	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">ലൈ.ഫീ- 20000</td> <td style="width: 10%; text-align: center;">രൂപ</td> <td style="width: 60%;"> രസീത് നമ്പർ 117030104270 തീയതി 26/02/2018 </td> </tr> </table>	ലൈ.ഫീ- 20000	രൂപ	രസീത് നമ്പർ 117030104270 തീയതി 26/02/2018
ലൈ.ഫീ- 20000	രൂപ	രസീത് നമ്പർ 117030104270 തീയതി 26/02/2018		
ലൈസൻസ് അനുവദിക്കുന്നതിനായി ഹാജരാക്കിയ നിരാക്ഷേപ പത്രങ്ങളുടെ വിശദാംശങ്ങൾ (നമ്പർ,തീയതി,കാലയളവ്, നൽകിയ അധികാര സ്ഥാനം)	<ol style="list-style-type: none"> 1) PCB/KKD/DO/ICO/3635/2017 dtd 16/11/2017. valid upto 30/04/2020 . 2) LE 3 LICENCE No. E/SC/KL.22/1153(E58074) dated 14/12/2017 valid upto31/03/2019 3)EC.No10//DEIAA/KL/MIN/3970/2 dtd.23/09/2017 valid upto23/09/2022. 4) Quarrying Lease Proceedings No. 664/2017-18/11801/M3/2015/DMG dated. 12/01/2018 . of director of Mining & Geology,TVM 5) Quarrying Lease Doct No.287/I/2018 dtd.15/01/2018 			



കാറ്റിപ്പാറ മുദ്ര



സെക്രട്ടറി
കട്ടിപ്പാറ ഗ്രാമപഞ്ചായത്ത്
കട്ടിപ്പാറ ഗ്രാമപഞ്ചായത്ത്

Copy of Grama Panchayat license

Annexure No.6

No.11801/M3/2015

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: 12/01/2018

From
The Director of Mining & Geology

To
M/s. Ruby Stone Crusher,
Chamel. P. O, Thamarassery, Kozhikode District – 673 573
(Represented by its Managing Partner, Shri. Abdulla Koya Thangal. C. P)

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. 664/2017-18/11801/M3/2015/DMG Dated: 12/01/2018
2. Pro.order. No. 10/DEIAA/KL/MIN/3970/2017 dtd. 23/09/2017 (EC. No. 10/2017) of the District Environment Impact Assessment Authority, Kozhikode, Kerala
3. KMMC 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. Ruby Stone Crusher, Chamel. P. O, Thamarassery, Kozhikode District – 673 573 (Represented by its Managing Partner, Shri. Abdulla Koya Thangal. C. P)**. 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 **Senior Geologist, District Office, Kozhikode** for scrutiny and execution. The date of execution will be entered up by the Senior Geologist at the time of execution. After scrutiny of the quarrying lease deed, the Senior Geologist will inform you the date of execution convenient to him. After execution as per the request of the Senior 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. 41,943/- (Rupees forty one thousand nine hundred and forty 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 Senior Geologist, District Office, **Kozhikode** 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.


Encl: as above

Yours faithfully
[Signature]
12/01/2018
DIRECTOR OF MINING & GEOLOGY (I/c)



Copy of Permit

Annexure No.7

<p>PUBLIC NOTICE</p> <p>NOTICE</p> <p>This is to inform to the General Public that the proposed Quarry Project at Re-Survey No.1, Kattippara Village, Kattippara Panchayat, Thamarassery Taluk, Kozhikode District, Kerala being developed by M/s.Ruby Stone Crusher is accorded with ENVIRONMENTAL CLEARANCE by District Environment Impact Assessment Authority, Kozhikode vide Order No.10/DEIAA/ KL/ MIN/3970/2017 dt. 23/09/2017 and the copy of the Environmental Clearance is available with the office of District Environment Impact Assessment Authority (DEIAA), Kozhikode and may also be seen on the website of the Authority at http://environmentclearance.nic.in</p> <p>Sd/- Managing Director M/s. Ruby Stone Crusher</p>	 <p>Pulse Fitness</p> <p>Attractive Offers LOW EMI</p> <p>HOME & COMMERCIAL</p> <ul style="list-style-type: none"> • TREADMILLS • ELLIPTICALS • HOME / MULTI GYMS • CYCLES • AB EXERCISERS • CARDIO & STRENGTH EQUIPMENT <p>Call Now: 93499 69222</p> <p>TRIVANDRUM Bakery-Vazhuthacaud One Way ☎ 0471-2339222</p> <p>KOCHI Next to Modern Bread, Edappally ☎ 0484-2349222</p> <p>Happiness Through Fitness</p>	<p>A REPUTED COMPANY FOR QUALITY PRODUCTS.</p> <p>0471-2534414 7909221222 www.vettoorannatura.com</p> <p>ARCHITECTS</p> <p>Established Architectural Firm wants Project Associate Architect for Multi-Storied Office Building at Kochi. Send resume to asso.arch2017@gmail.com</p>
<p>PUBLIC NOTICE</p> <p>NOTICE</p> <p>No.DUBA/Cons/434/MR/17-(131) Dated:28/9/2017</p> <p>Mr.Unni Krishnan Vadakkedath Sugathan S/o Vadakkedath Kesavan Sugathan resident of 42/532, Kariaparambil house, Chitoor Road, Ernakulam, Kerala 682018 present address 124 NKB Bldg, Karama, Dubai P.O.Box: 64546 Dubai and Miss Pooja Sreedharan Pillai daughter of Sreedharan Pillai Vasupilla Koyikalethu, resident of Sreevalsam Kattanam Pallicakal P O, Kayamkulam via. Alappuzha District Kerala 690503 present address 212 new Makati Bldg Karama, Dubai,U.A.E. P.O.Box 777 Dubai. Above mentioned Indian Nationals presently residing in UAE have given notice of intended marriage between them under the foreign marriages act, 1969. If anyone has any objection to the proposed marriage he/she should file the same with the undersigned according to the procedure laid down under the act/rules within thirty days from the date of publication of this notice.</p> <p>Sd/- Sumathi Vasude Marriage Officer & Consul (Consular & Labour) Consulate General of India P.O.Box: 737, Dubai(U.A.E.), Fax No.009714-397045 Email:cons1dubai@mea.gov.in, Homepage:www.cgidubai.or</p>		

ആധാരം നഷ്ടപ്പെട്ടു

ദി കൽപ്പറ്റ എസ്റ്റേയിറ്റ് ലിമിറ്റഡ് കമ്പനിയിൽനിന്നും താമരശ്ശേരി ടൗൺ സി.റ. ആപ്പീസിൽ 1991ൽ 3850-ാം നമ്പ്രായി എന്റെ പേരിൽ രജിസ്റ്റർ ചെയ്ത തീരാധാരം നഷ്ടപ്പെട്ടുപോയിരിക്കുന്നു. മേൽ നമ്പ്ര് ആധാരം കണ്ടുകിട്ടുന്നവർ താഴെ പറയുന്ന വിലാസത്തിൽ അയച്ചു തരണമെന്ന് അപേക്ഷിക്കുന്നു.

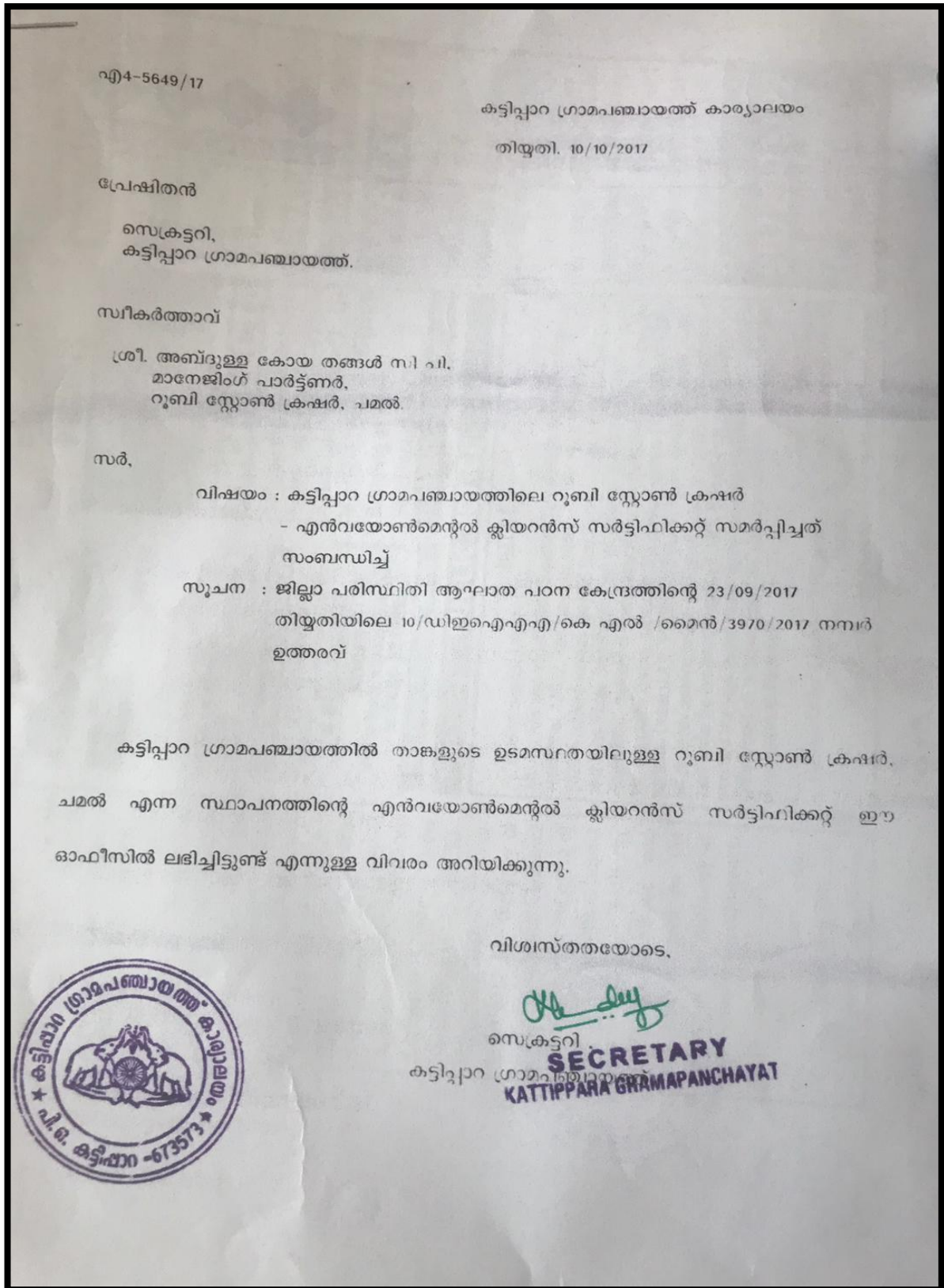
പി.ടി. അബ്ദുറഹിമാൻ, പുറ്റുങ്ങാതെരിയിൽ, പി.ഒ. താമരശ്ശേരി

നോട്ടീസ്

പൊതുജന ശ്രദ്ധക്കായി, കേരള സംസ്ഥാനം, കോഴിക്കോട് ജില്ല, താമരശ്ശേരി താലൂക്, കട്ടിപ്പാറ പഞ്ചായത്ത്, കട്ടിപ്പാറ വില്ലേജിലുംപെട്ട, റി.സർവേ നമ്പർ 1ൽ പാറ ഖനനം ചെയ്യുന്നതിന്വേണ്ട പരിസ്ഥിതി അനുമതി റൂബി സ്റ്റോൺ ക്രഷർ എന്ന സ്ഥാപനത്തിന് ജില്ലാ പരിസ്ഥിതി ഇംപാക്ട് അസ്സസ്മെൻ്റ് അതോറിറ്റി, കോഴിക്കോട് നിന്നും ഓർഡർ നമ്പർ 10/DEIAA/KLMIN/3970/2017 തീയതി 23/09/2017 ഓർഡർ പ്രകാരം ലഭിച്ചിരിക്കുന്നു. ഈ ഓർഡറിൻ്റെ പകർപ്പ് ജില്ലാ പരിസ്ഥിതി കാലാവസ്ഥ വ്യതിയാന വകുപ്പിൽ ലഭ്യമാണ്. <http://environmentclearance.nic.in> എന്ന വെബ്സൈറ്റിൽകൂടിയും പകർപ്പ് കാണാവുന്നതാണ്.

ബേപ്പൂർ	9895153967	തിരുവമ്പാടി	9539002264
പേരാമ്പ്ര	9846925488	താമരശ്ശേരി	8943798166
പയ്യോളി	9539001012	കുറ്റിച്ചിറ	9497170838
അത്തോളി	9947654144	ഗുഡല്ലൂർ, നീലഗിരി	09443523707
മുക്കം	9048488380	വയനാട്: വയനാട്: കൽപ്പറ്റ, മാന്നന്തമ്പാടി,	
കുന്നമംഗലം	9539008558	മിനങ്ങാടി, ബേത്തേരി, പനമരം	9645006153

Copy of News Paper
Annexure No.8



Copy of Acknowledement from Panchayath

Annexure No.9

**TEST REPORT**

Test Report No:TC540219000002851F	Date: 22.07.2019	Page 1 of 1
-----------------------------------	------------------	-------------

CUSTOMER DETAILS

Customer Details	Name & Address	Mr. Abdullakoya Thangal C.P Managing Partner M/s Ruby Stone Crusher PMP Estate, Chamal, Thamarassery, Kozhikode District
Location of Site	Re -Survey No	1
	Village	Kattipara
	Panchayath	Chammal
	Taluk	Thamarassery
	District	Kozhikode
	State	Kerala
Customer Reference	Test Request form dated 17.07.2019	

SAMPLE DETAILS

Source of Sample	Ambient Air	Sample Code	TC540219000002851F
Location of Monitoring	North side Boundary	Sampled By	Laboratory
Date of Monitoring	17.07.2019	Test Started On	19.07.2019
Sample Received On	19.07.2019	Test Completed On	20.07.2019
Humidity	73 %	Sampling Procedure	IS 5182 Part V & XIV

SL NO	TEST PARAMETER	TEST METHOD	UNIT	RESULTS	NAAQ STANDARD
01	Particulate matter (PM ₁₀)	IS 5182 Part 23: 2006 RA 2017	µg/m ³	40.5	100
02	Particulate matter (PM _{2.5})	EPA 40 CFR Part 50 Appendix - L	µg/m ³	19.7	60.0
03	Sulphur dioxide (SO ₂)	IS 5182 Part 2: 2001 RA 2017	µg/m ³	< 2.00	* 80.0
04	Nitrogen dioxide (NO ₂)	IS 5182 Part 6: 2006 RA 2017	µg/m ³	< 2.00	80.0

End of Report

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

Authorized Signatory
Laiju P. N.
Laboratory Head

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

Standard^S Environmental & Analytical Laboratories

Copy of Result of Air

Annexure No.10

**TEST REPORT**

Test Report No:TC540219000002852F	Date: 22.07.2019	Page 1 of 1
-----------------------------------	------------------	-------------

CUSTOMER DETAILS

Customer Details	Name & Address	Mr. Abdullakoya Thangal C.P Managing Partner M/s Ruby Stone Crusher PMP Estate, Chamal, Thamarassery, Kozhikode District
Location of Site	Re Survey No	1
	Village	Kattipara
	Panchayath	Chammal
	Taluk	Thamarassery
	District	Kozhikode
	State	Kerala
Customer Reference	Test Request Form Dated 17.07.2019	

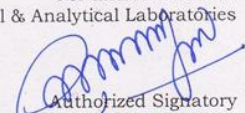
SAMPLE DETAILS

Source of sample	Ambient Noise Level
Sample Code	TC540219000002852F
Location of Monitoring	North Side Boundary
Date of Monitoring	17.07.2019
Method	IS 9989:1981 RA2014

DAYTIME	RESULT	NIGHTTIME	RESULT
06.00 Hrs	37.7 dB (A)	23.00 Hrs	33.6 dB (A)
07.00 Hrs	40.5 dB (A)	00.00 Hrs	36.0 dB (A)
08.00 Hrs	44.7 dB (A)	01.00 Hrs	36.7 dB (A)
09.00 Hrs	48.2 dB (A)	02.00 Hrs	36.3 dB (A)
10.00 Hrs	50.6 dB (A)	03.00 Hrs	37.0 dB (A)
11.00 Hrs	53.7 dB (A)	04.00 Hrs	36.0 dB (A)
12.00 Hrs	51.0 dB (A)	05.00 Hrs	37.7 dB (A)
13.00 Hrs	50.2 dB (A)	RESULTS	
14.00 Hrs	50.6 dB (A)		
15.00 Hrs	51.0 dB (A)	Noise Level (Leq) Daytime	49.1 dB (A)
16.00 Hrs	52.1 dB (A)		
17.00 Hrs	52.5 dB (A)	Noise Level (Leq) Nighttime	36.3 dB (A)
18.00 Hrs	47.1 dB (A)		
19.00 Hrs	43.6 dB (A)		
20.00 Hrs	39.7 dB (A)		
21.00 Hrs	39.2 dB (A)		
22.00 Hrs	36.6 dB (A)		

End of Report

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


 Authorized Signatory
Lajju P. N.
 Laboratory Head

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

Standard^s Environmental & Analytical Laboratories

Copy of Result of Noise

Annexure No.11

TEST REPORT

Test Report No:TC540219000002853F	Date: 22.07.2019	Page 1 of 1
-----------------------------------	------------------	-------------

CUSTOMER DETAILS			
Customer Details	Name & Address	Mr. Abdullakoya Thangal C.P Managing Partner M/s Ruby Stone Crusher PMP Estate, Chamal, Thamarassery, Kozhikode District	
Location of Site	Re Survey No	1	
	Village	Kattipara	
	Panchayath	Chammal	
	Taluk	Thamarassery	
	District	Kozhikode	
	State	Kerala	
Customer Reference	Test Request form dated 17.07.2019		
SAMPLE DETAILS			
Sample Code	TC540219000002853F	Sample Received On	19.07.2019
Sample Name	Water	Sampling Procedure	---
Sample Description	Pond Water	Sampling Location	Near North side Boundary
Identification By Customer	---	Sample Condition	Good
Sampled On	---	Test Started On	19.07.2019
Sampled By	Customer	Test Completed On *	22.07.2019

SL NO	TEST PARAMETER	TEST METHOD	UNITS	RESULT	ACCEPTABLE LIMIT (IS 10500 - 2012)
01	Colour	IS 3025 Part 4:1983 RA 2017	Hazen	1.00	5.00 (Max)
02	Odour	IS 3025 Part 5:2018	---	Unobjectionable	Unobjectionable
03	Turbidity	IS 3025 Part 10:1984 RA 2017	NTU	0.20	1.00 (Max)
04	pH	IS 3025 Part 11:1983 RA 2017	---	7.01	6.50 - 8.50
05	Conductivity	IS 3025 Part 14:1984 RA 2019	μS/cm	83.0	---
06	Total Dissolved Solids	IS 3025 Part 16:1984 RA 2017	mg/L	50.0	500 (Max)
07	Total Hardness (as CaCO ₃)	IS 3025 Part 21:2009 RA 2019	mg/L	16.3	* 200 (Max)
08	Calcium (as Ca)	IS 3025 Part 40:1991 RA 2019	mg/L	4.89	75.0 (Max)
09	Magnesium (as Mg)	IS 3025 Part 46:1994 RA 2019	mg/L	< 1.00	30.0 (Max)
10	Chloride (as Cl)	IS 3025 Part 32:1988 RA 2019	mg/L	11.9	250 (Max)
11	Total Alkalinity (as CaCO ₃)	IS 3025 Part 23:1986 RA 2019	mg/L	9.75	200 (Max)
12	Iron (as Fe)	IS 3025 Part 53:2003 RA 2019	mg/L	0.19	1.00 (Max)
13	Sulphate (SO ₄)	IS 3025 Part 24:1986 RA 2019	mg/L	5.86	200 (Max)
14	Total Coliform Bacteria	IS 15185 : 2016	----	Present/100 ml	Absent
15	E coli	IS 15185 : 2016	----	Absent/100 ml	Absent

End of Report

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

Vidhyakshmi Das
Authorized Signatory
Vidhyakshmi Das
Microbiologist



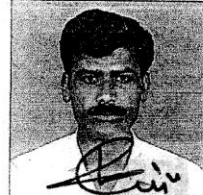
Laiju P. N.
Authorized Signatory
Laiju P. N.
Laboratory Head

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

Standard^S Environmental & Analytical Laboratories

Copy of Result of Water

Annexure No.12

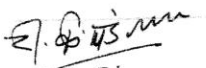
भारत सरकार/Government of India
 खान अधिनियम, 1952/Mines Act, 1952
 खनन परीक्षा बोर्ड/Board of Mining Examinations
 खान फोरमैन सक्षमता प्रमाण-पत्र
 (केवल ओपेनकास्ट खानों तक सीमित)
 (Restricted to mines having opencast workings only)
MINE FOREMAN'S CERTIFICATE OF COMPETENCY
 (धात्विकीय खान विनियम, 1961 के अन्तर्गत)
 (Under the Metalliferous Mines Regulations, 1961)


M/s V.S LAD & SONS
 ITH Iron Ore Mines

Cert No. FR/4261

श्री अंबना नायकर सुपुत्र हुलेप्पा एन
 जिनकी जन्म तिथि 01.05.1974 है, को विहित अर्हताएं एवं अनुभव प्राप्त करने का सन्तोषजनक प्रमाण प्रस्तुत करने एवं सितम्बर, 2011 में आयोजित विहित परीक्षा में उत्तीर्ण होने पर एतद्वारा केवल ओपेनकास्ट धात्विकीय खान के लिए फोरमैन प्रमाण-पत्र प्रदान किया जाता है। यह प्रमाण-पत्र दिनांक 09.04.2012 से प्रभावी है।

Shri Ambanna Naykara son of Muleppa N
 born on 01st May, 1974 having given satisfactory evidence of possessing the prescribed qualifications and experience and having passed the examination held in September, 2011 is hereby granted MINE FOREMAN'S CERTIFICATE OF COMPETENCY for metalliferous mine having opencast workings only. This certificate is effective from 09.04.2012


 सचिव
 खनन परीक्षा बोर्ड
 Secretary
 Board of Mining
 Examinations


 अध्यक्ष
 खनन परीक्षा बोर्ड
 Chairman
 Board of Mining
 Examinations

Signed and Sealed
 Date 13.01.2013

Copy of Certificate of foreman