COMPLIANCE REPORT

OCTOBER 2018 – MARCH 2019

Quarry project of Binu Cheriyan Malappuram District Kerala

Dt. 29-05-2019

From Binu Cherian, Thakkirickal House, Chelad P O, Kothamangalam, Kerala. Pin: 686681

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

Ref :- File No. 839/SEIAA/EC1/2717/2015 Subj :- Environment Clearance – Quarry project at Village & Panchayat Edayur, Thirur Taluk, Malappuram District, Kerala – Compliance Report – second half – Reg.

Respected Sir,

The Quarry (Building stone) project was accorded Environmental Clearance for **2.6872 Ha**. by order No. **839/SEIAA/EC1/2717/2015**, dated 05/02/2016 by State Environmental Impact Assessment Authority, Kerala. The compliance report of **second Half** (October 2018 – March 2019) to the specific and general conditions of the Environment Clearance order is enclosed.

Thanking you, Yours respectfully,

Binu Cherian

Encl: - As Above

Copy to : The Chairman & The Member Secretary State Environment Impact Assessment Authority (SEIAA) Thiruvananthapuram, Kerala – 695 024.

COMPLIANCE REPORT

ТО

THE CONDITIONS

OF

ENVIRONMENTAL CLEARANCE ORDER NO: 839/SEIAA/EC1/2717/2015 DATED: 05-02-2016

BΥ

STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY (SEIAA)

FOR

BUILDING STONE QUARRY

(MINOR MINERAL MINING) PROJECT

ΑΤ

SURVEY NOS. 101/5, 101/6, VILLAGE & PANCHAYAT EDAYUR, THIRUR TALUK, MALAPPURAM DISTRICT, KERALA

BY

MR. BINU CHERIAN, THAKKIRICKAL HOUSE, CHELAD P.O, KOTHAMANGALAM, ERNAKULAM DISTRICT

KERALA

INDEX

SL. No.	PARTICULARS	PAGE No.
1.	Introduction	6
2.	Compliance Report – General conditions – Part B	7
3.	Annexure	22

LIST OF TABLES

TABLE No.	PARTICULARS	PAGE No.
1.	Environmental Monitoring Cell (EMC)	8
2.	Details of the vegetation existing along the road side	9
3.	Details of saplings planted as part of eco - restoration	10
4.	Details of statutory approvals	17

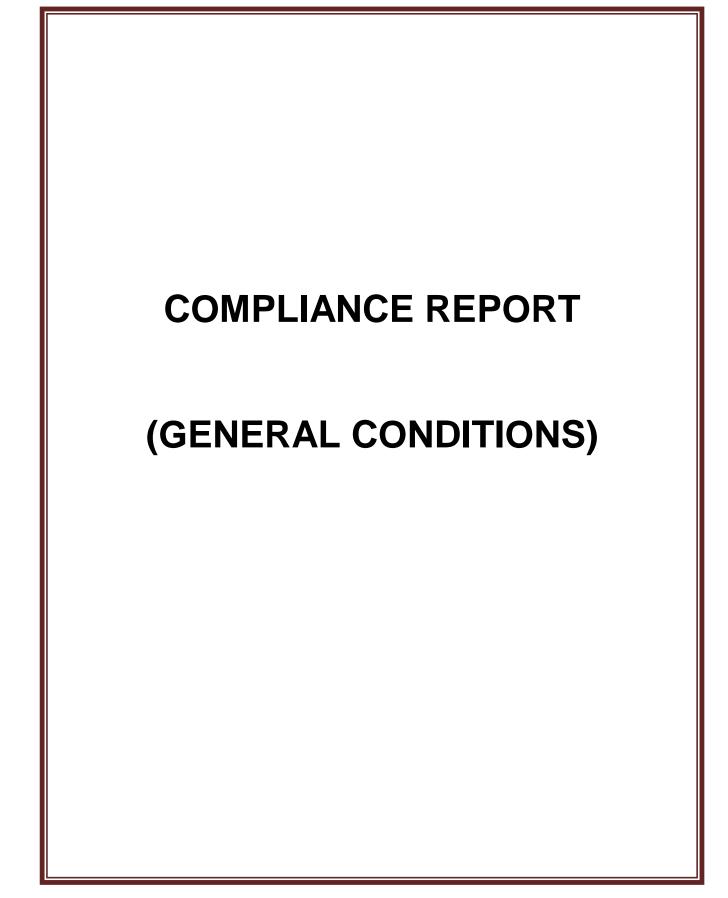
LIST OF ANNEXURE

ANNEXURE No.	PARTICULARS	PAGE No.
1	Copy of the "Consent to Operate" from Kerala State Pollution Control Board	23
2	Copy of E C order	25
3	Copy of Explosive License issued by the Ministry of Commerce & Industry – Petroleum & Explosives Safety Organization (PESO)	26
4	Copy of License for quarry operations from Gram Panchayath	27
5	Copy of permit order form Director of Mining and Geology	28
6	Copy of monitoring report of Air	29
7	Copy of monitoring report of ambient water	30
8	Copy of monitoring report of sound level.	31

INTRODUCTION

Quarry project of **Sri. Binu Cheriyan** Thakkirickal House, Chelad P. O Kothamangalam, Ernakulam District is a building metal stone quarry located at Survey No. 101/5, 101/6,, Edayur Village, Edayur Panchayat, Thirur Taluk, Malappuram District, Kerala.

The quarry project was accorded with the Environmental Clearance (EC) by State Environmental Impact Assessment Authority on 05–02–2016. 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 2018 – March 2019** is being submitted.



GENERAL CONDITIONS

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

Compliance

To collect rain water from the entire project land, the proponent has constructed a trench with a width of 6-7 meter and length of 30 meter to collect storm water from the upper slope of the project. The storm water flow is leading to the trench through natural drainage. The water from pond is mainly used for watering of plants, wetting of roads and sprinkler system for contain dust emission.

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

Compliance

The Environmental Monitoring Cell (EMC) will be formed with Mr. Judy James 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. The details of the monitoring cell are given below:

SI. No.	Post	Name
1.	Head of the monitoring cell	Judy James
2.	Member	Nithesh
3.	Member	Varghese

TABLE No. 1 - ENVIRONMENTAL MONITORING CELL (EMC)

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

To enrich vegetation and prevent air pollution, the project proponent planted suitable avenue trees along either side of the roads, parking area and other areas in the project land. There are natural vegetations including trees, shrubs, herbs and climbers also present. The details of vegetation are given below.

SI. No.	Scientific Name	Common Name	Family	Habit
1.	Mucuna bracteata	Thottapayar	Fabaceae	Climber
2.	Swietenia mahagoni	Mahagony	Meliaceae	Tree
3.	Bambusa bambos	Mula	Poaceae	Herb
4.	Chromolaena odorata	Communist-pacha	Compositae	Shrub
5.	Coccos nucifera	Thengu / Coconut	Arecaceae	Tree
6.	Mangifera indica	Mavu	Anacardiaceae	Tree
7.	Tectona grandis	Thekku	Verbenaceae	Tree
8.	Ziziphus oenopolia	Thodalli	Rhamnaceae	Climber

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

Compliance:

To reduce the consumption of electricity from the conventional sources, the project will install solar street lights to use maximum renewable energy to reduce electrical consumption from KSEB. As part of this, the project proponent could reduce the use of energy from conventional sources.

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

Compliance:

To prevent dust emissions from the road while transportation of materials, the project is splashing water on roads. There is sufficient water in the rain water

harvesting ponds for the purpose. The sprinklers installed in and around the crusher unit.

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

Compliance:

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

SI. No.	Scientific Name	Common Name	Family	Habitat					
1	Mucuna bracteata	Thottapayar	Fabaceae	Climber					
3	Artocarpus heterophyllus	Plavu	Moraceae	Tree					
4	Capsicum frutescens	Kantharimulaku	Solanaceae	Herb					
5	Carica papaya	Papaya	Caricaceae	Tree					
6	Coccos nucifera	Thengu	Arecaceae	Tree					
7	Curcuma longa	Manjal	Zingiberaceae	Herb					
8	Mangifera indica	Mavu	Anacardiaceae	Tree					
9	Musa paradisiaca	Vazha	Musaceae	Herb					
10	Swietenia mahagoni	Mahagony	Meliaceae	Tree					
11	Tectona grandis	Thekku	Verbenaceae	Tree					

TABLE 3 Details of the saplings planted within the project area

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.Will be
complied

Compliance:

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

08 Corporate Social Responsibility (CSR) agreed upon by the complied proponent should be implemented

Compliance:

The activities under Corporate Social/Environmental Responsibility (CSR/CER) activities are executed worth Rs. one lakh in the sectors of Health and education. To The project proponent is intending to carry out more activities under CSR for inclusive growth in the community.

09	The lease are shall be fenced off with barbed wires to a	Complied
	minimum height of 4ft around, before starting of mine.	

Compliance:

To demarcate the boundary and to ensure safety, the project has erected barbed metal wire fencing around the mining area with height of 5 ft. This will help to prevent falling of animals/human being/dumping of garbage etc.

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

Compliance:

As per the stipulation of Explosive department, to give warning to the labours and community people prior to the blasting in quarry, the project installed warning alarms in the quarry site. This is properly working prior to the blasting time.

11Control measures on noise and vibration prescribed by KSPCBcompliedshould be implemented.

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

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

Blast vibrations and control measures

- Controlled blasting technique is adopted in this project in order to reduce blast vibrations.
- The maximum charge per delay is not more than 10kg to limit the PPV values to 10mm/sec.
- Optimum delay sequence and stem to column ratio is maintaining to minimize the ground vibration intensity.
- The project proponent has appointed qualified persons to monitor the mining operations

12Quarrying activities should be limited to day time as perCompliedKSPCB guidelines.

Compliance:

Quarrying activities are limited to day time only as per KSPCB guidelines. The quarry working time is 7.30 am - 5 pm. This will help to limit the sound pollution.

1	3	Blas	sting should b	e de	one in a cont	rolled manner	as	specif	ied by	Complied
		the	regulations	of	explosives	department	or	any	other	
		con	cerned agenc	у.						

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

14	Α	licensed	person	should	supervise/control	the	blasting	complied
	ор	erations.						

Compliance:

The project has appointed a licensed person having certificate of short fire to supervise/control the blasting operations for the extraction of granite building stones.

15Access roads to the quarry shall be tarred to contain dustCompliedemissions that may arise during transportation of materials.

Compliance:

To reduce emission of dust through the vehicle movement, the access road from the entrance of project site to quarry has tarred 250 meter and maintaining in good manner. The project splashes water on the road to arrest the dust production during summer season. The project proponent is intending maintain access road to the quarry in good condition for dust emission and easiness of transportation of vehicles.

16 Overburden materials should be managed within the site and complied the old quarries, if any, should be restored.

Compliance:

There is no old quarry in the site for restoration. The overburden materials are stored within the site. This will be used to restore the exploited area in future.

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

To enhance safety and to make environment friendly quarrying, the excavation activity in the project is progressing by creating benches of 5m width x 5m height.

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

Compliance:

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

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

Compliance:

Mining depth will not exceed beyond 10 meter or not below the level of the nearest stream bed, whichever is less.

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

Compliance:

In the project site, there is no area with a slope greater than 45[°]. Therefore it is not necessary to explore from the slopes greater than 45[°].

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 standards given by CPCB/KSPCB.	

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.

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

Compliance:

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

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

Compliance:

The proponent is very conscious to prevent all quarry waste to enter in the the public drainage or stream. The project has constructed storm water drains in the lower slopes of the project area for effective management of storm water. This helps to channelize the storm water to the rain water collection pond and the most of the debris will be settled down in the bottom of the pond. The clarifiers will be installed soon.

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

Compliance:

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

|--|

The project planted various saplings in the project area as a compensation of loss of trees while the project is clearing the land for mining as part of concurrent eco restoration. The project proponent is planning to plant more tree saplings in the project site.

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

Compliance:

The project proponent is using the used oil as lubricant for machineries and other equipments. Disposal of spent oil from diesel engines will be sold only to the approved recyclers as specified under relevant Rules/Regulations.

27	Explosives should be stored in magazines in isolated place	complied
	specified 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.

I	28	A minimum buffer distance of hundred meters from the Complied	
		boundary of the 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 distance of the nearest house was 1329meter form the quarry, the KSPCB condition is 100 meter.

29	100	m	buffer	distance	should	be	maintained	from	forest	Complied
	bou	nda	ries.							

There is no forest area near to the project site.

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

Compliance:

The project has obtained consent from KSPCB under Water and Air Act(s). The copy of certificate of "*Consent to Operate*" (Renewal) from Kerala State Pollution Control Board is provided in **Annexure No.1**.

31	All other statutory clearances should have been obtained, as	Complied
	applicable, by project proponents from the respective	
	competent 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.** The details are given below

Name of the Statutory approval	Name of the Statutory authority	Approval Number & Date
approvar	autionty	
Environmental Clearance	State Environmental Impact	839/SEIAA/EC1/2717/2015
order	Assessment Authority,	Dated 05-02-2016
	Kerala	
"Consent to Operate"	Kerala State Pollution	PCB/CO/R1/EXP/1142/17
	Control Board	01-04-2017
Explosive License	Ministry of Commerce &	E/SC/KL/30/358(E64051)
	Industry – Petroleum &	Dated 08-09-2016
	Explosives Safety	

TABLE 4 – APPROVALS FROM COMPETENT AUTHORITIES

	Organization (PESO)	
License for quarry	Gram Panchayath	A4-1291/18
operations		dated 22-03-2018
		07/201300595
Permit order	Directorate of Mining and	8-19/GR/DOM/M-
	Geology	3129/2018
		Dated 30-08-2018

ſ	32	In the case of any change(s) in the scope of the project, the	Will be]
		project would require a fresh appraisal by this Authority	complied	

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

33	The Authority reserves the right to add additional safe guard	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:

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

34	The stipulations by Statutory Authorities under different Acts Being
	and Notifications should be complied with, including the complied
	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.

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

- 1. The Environment Protection Act,1986
- 2. Water (Prevention and Control of Pollution) Act, 1974
- 3. The Air (Prevention and Control of Pollution) Act, 1981
- 4. The Public Liability (Insurance) Act,1991
- 5. Municipal Solid Waste (Management and Handling) Act,2016
- 6. Hazardous and Other Wastes (Management and handling) Rules, 2016.
- 7. EIA notification, 2006

35 The project proponent should advertise in at least two local Complied news papers widely circulated in the region, one which (both advertisement and the newspaper) shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the Department of Environment and Climate Change, Govt. of Kerala and may also be seen on the website of the Authority at www.seiaakerala.org. <u>The advertisement</u> <u>should be made within 10 days from the date of receipt of the</u> <u>Clearance letter and the copy of the same signed in all pages</u> <u>should be forwarded to the office of this authority as</u> <u>confirmation.</u>

Compliance:

An advertisement in two local newspapers regarding Environmental Clearance accorded to the quarry project was given within the stipulated period and the copy of the same was submitted at SEIAA Kerala.

36A copy of the clearance letter shall be sent by the proponent to
concerned Grama/District Panchayath / 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:

To comply the conditions and as part of procedure to obtain D & O license, 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 does not give the copy of clearance latter to anyone. The project does not have a website and it will create a company website soon.

37	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 hand copies as well as by e-mail) and	
	upload the status of compliance of the stipulated EC conditions	
	including results of monitored data on their website and shall update	
	the same periodically. It shall simultaneously be sent to the	
	respective Regional Office of MoEF, Govt. of India and also the	
	Directorate of Environment and Climate Change, Govt. of Kerala.	

Compliance:

The compliance of the stipulated specific and general conditions of Environmental Clearance is being submitted to the State Environment Impact Assessment Authority Govt. of Kerala, and also to the Regional Office of MoEF&CC, Govt. of India both in hard copy as well as mail. The monitored data of Air, Water and Noise is attached as **Annexure No. 5, 6 & 7.**

39The 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 ofcomplied

size of not less than 40. Sign board with extant of lease area and boundaries shall be depicted at the entrance of the quarry, visible to the public.

Compliance:

The specific conditions of the environmental clearance prominently displayed in a metallic board of 3 ft x 3 ft with green background and yellow letters of Times New Roman font was installed.

39	The	prop	onen	t should pr	ovide notari	zed	affid	avit	(indica	ting	Complied
	the n	umb	er an	d date of En	vironmental	Cle	aranc	e pro	oceedir	ngs)	
	that	all	the	conditions	stipulated	in	the	EC	shall	be	
	scrup	oulo	usly f	ollowed.							

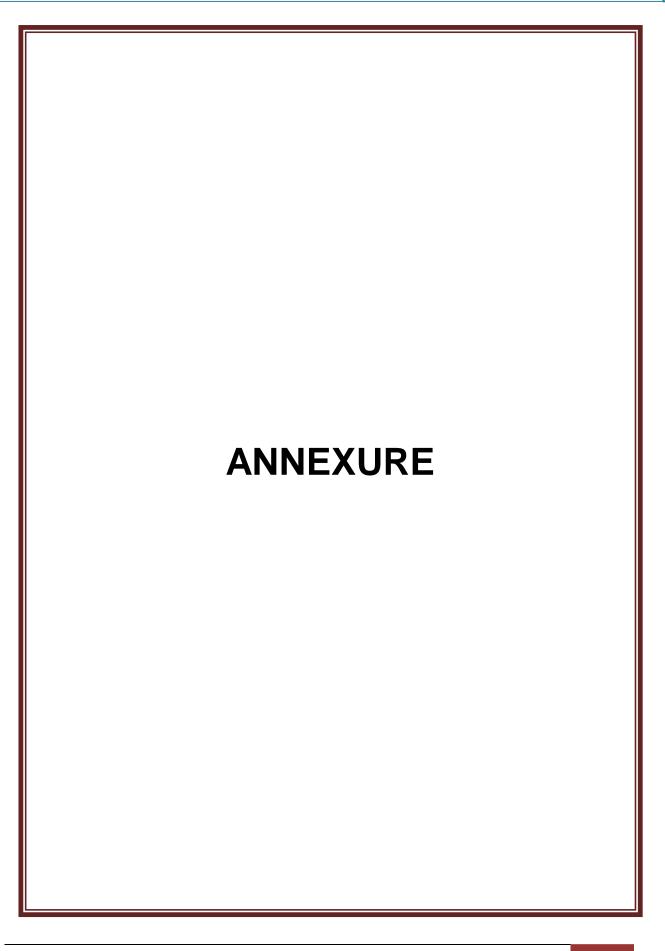
Compliance:

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

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

Compliance:

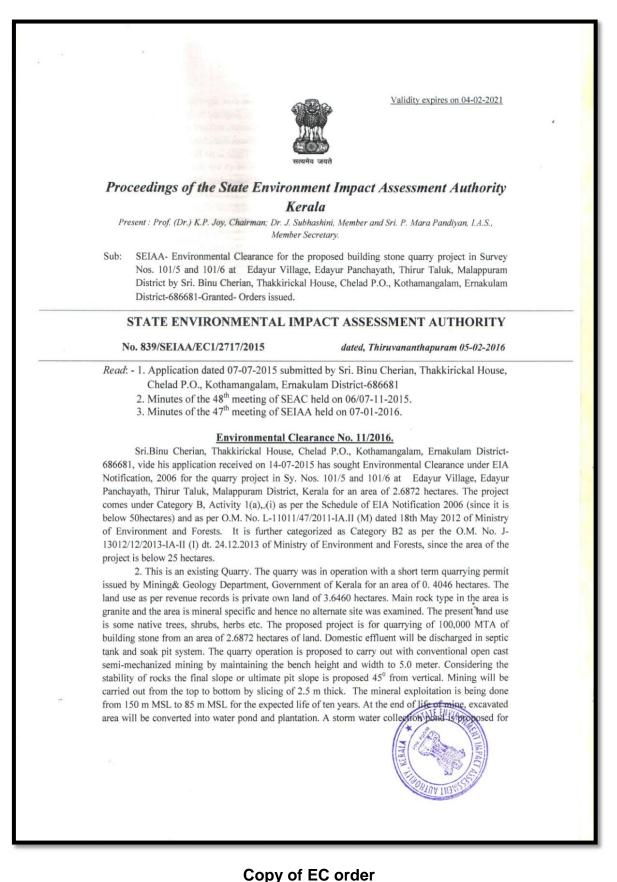
The project will give priority to the conditions stipulated in the Environment clearance Order for its execution.

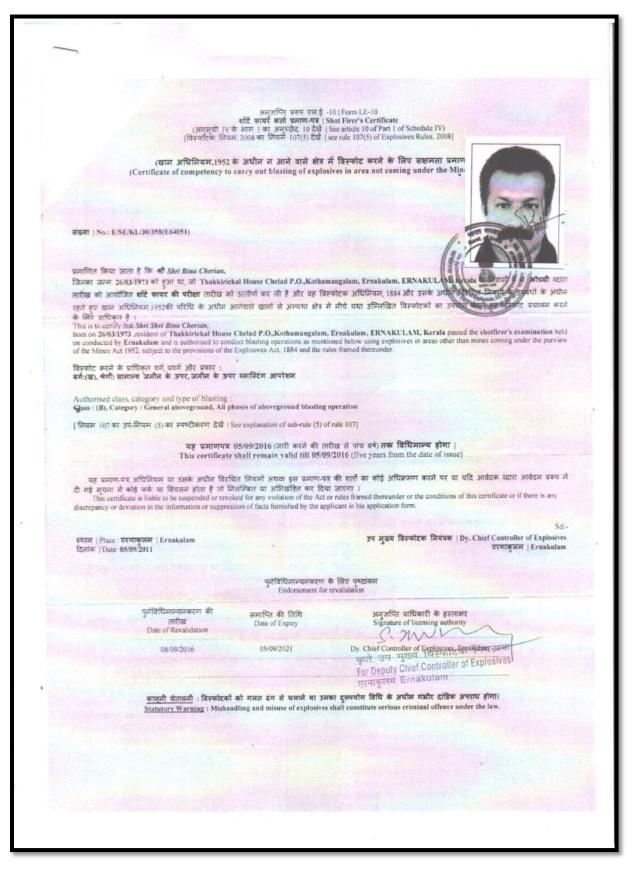


*	
г	FILE NO : 4987794
	Date of issue : 01/04/2017
	KERALA STATE POLLUTION CONTROL BOARD
	CONSENT TO
~	OPERATE/AUTHORISATION/REGISTRATION
	ISSUED UNDER
	The Water (Prevention & Control of Pollution) Act, 1974
	The Air (Prevention & Control of Pollution) Act, 1974
	and
з	The Environment (Protection) Act, 1986
	As per Application No. :4987794
	Dated:18-03-2017
	ΤΟ
	M/s QUARRY OWNED BY BINU CHERIYAN
	EDAYUR, KAREKAD P.O., VALANCHERY, MALAPURAM 676552
C	onsent No. :PCB/CO/R1/EXP/1142/17
OLLUT P	onsent No. :PCB/CO/R1/EXP/1142/17 Alia Upto :31/03/2020
2 001	15 (44.81
w / 6102	
KERALA	Page1
-	r ager

		Mar and State
L. GEN	NER AL	
.1. This	integrated consent is granted subject to the power of the	e Board to withdraw consent, review and make
variation	in or revoke all or any of the conditions as the Board de	eems fit.
		31/03/2020
1	VALIDITY Name and Address of	QUARRY OWNED BY BINU CHERIYAN
. 2	the establishment	EDAYUR, KAREKAD P.O, VALANCHERY, MALAPURAM 676552 676552
3	Communication	Telephone :91-9447139682
		Fax :- E-mail:binuthakkiri@gmail.com
4	Occupier Details	BINU CHERIYAN THAKKIRIKKAL HOUSE CHELAD P.O KOTHAMANGALAM-686681 ERNAKULAM
5	Local Body	EDAYUR
6	Survey Number	101/5,101/6
7	Village	EDAYUR
8	Taluk	THIRUR
3 9	District	MALAPPURAM
10	Capital Investment(Rs in Lakhs)	150/-
11	Scale	Small
12	Category	RED
13	Annual fee(Rs)	20,000/-
	Total Fee remitted(Rs)	70,000/-
14	RAW MATERIAL	PRODUCTS
1	NITRATE MIXTURE @ Kilogram/Day SAFETY FUSE,ORDINARY DETONATORS @ Numbers/Day RUBBLES @ Metric Tonnes/Day	BLASTED RUBBLES @350 Metric Tonnes/DaY
15	Total Power Required (HP)	NIL
	ONDITIONS AS PER (C) Water (Prevention and Control of Pollution)A	ct, 1974

Copy of Consent from PCB

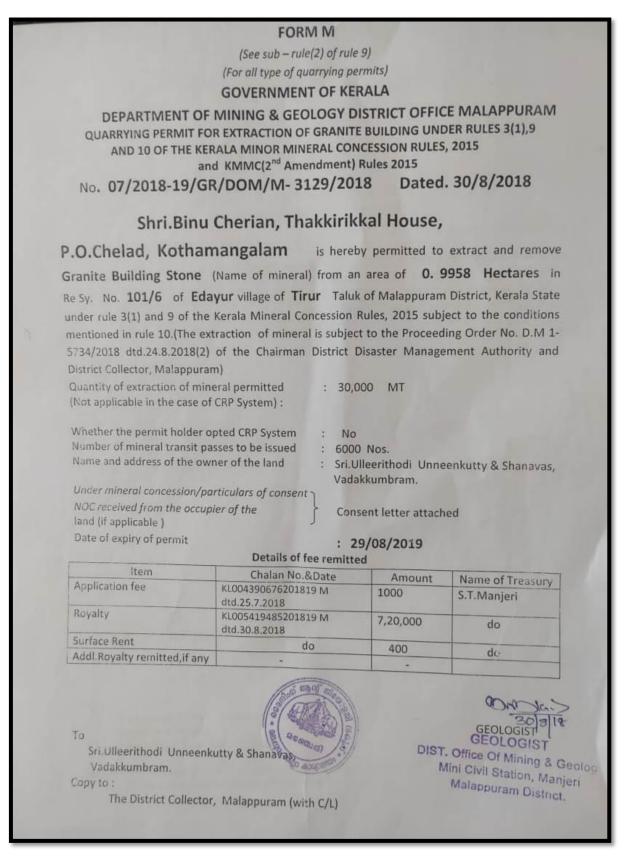




Copy of License - explosive

	1 - California	
660 - 1. Summissa	291118	miconi. 22/03/2018
7 0(Asauzata waa a	ഞ്ചാറ്റത്തിൽ നിന്നും
1994 ലെ കേരളാ പണ	ലായത്ത് രാജ് ആഷ്ട് (1994 ലെ 1	3) 232, 233, 234, 254 എന്ന ി
വകൂപ്പികളും	അതേ തുടർന്നുള്ള പട്ടങ്ങളും അ	നുസരിച്ചു നൽകുന്ന
	ഡി & ഒ ലൈസൻറ	<u>nĭ</u>
ലൈസൻസിയുടെ പേരും മേൽവിഖാസവും	ത്വിന്റെ തുപറിപ്പ തങ്ങരിങ്ങൽ ന്റ് പ്രപല്യാം (പിംബം	nd)5)), Carmon Conelo.
സ്ഥാപനത്തിന്റെ പേരും. സ്ഥലനാജവും		
ലൈസൻസ് നൽകിയിട്ടുള്ള പ്രവർത്തനങ്ങൾ	n). min Bay main 1 mile mo 50 2013. Din Guandam)2 ms man min min	01/6-ൽ 99.58 ആർസ്ക് വ കാലേന്റർ ഉപദ്ധേശിക് പിക്കുന്നതിന്റം, വില്പന
കെട്ടിടത്തിന്റെ നമ്പരും വാർഡു നമ്പരും	D.m. 101/6	21-2-2019
ടെങ്ങസൻസ് കാലയളവ്	and the second second second	23 08 / 2018) 308/2018 P. VIIIOD MURAL
ഈടാക്കിയ ലൈസൻസ് ഫീസ്	LF - 5000 MRF - 500 PT - 2500	envier mus Ednu 117130106535 117130106636 24[2]18
ലൈസൻസ് അനുവദിക്കുറ്റ നാജിനായി ഹാജരാക്കിയ നിരാക്ഷേപ പത്രങ്ങളുടെ വിശരാംശങ്ങൾ (നമ്പർ, തീയതി, കാലയളവ്, നൽ കിയ അധികാരസ്ഥാനം)	തിഷ്യംതിച്ചിലെ സി തേലം സാസ്ത്രണം ലെ പിസിംബി/സ് നമ്പർ അന്റമതി നം ശവേളിപ്പം കുംപ്പ	(க)1993) பலரு பிரை 24/2/18 க) பல (ல்லால்) 23/8/18 வி பல (ல்லால்) 23/8/18 வி ரிரைன் பிலானன் 539 01/04/2017 ரிலானில்) 1.8/ கூல் (க அன் 2)/142/17 (ல்லாலல்) 31/03/2020) ல்ஸ்லே 1100 31/03/2020) ல்ஸ்லே 1100 31/03/2020) ல்ஸ்லே 1100 31/03/2020) ல்ஸ்லே 1100 31/03/2020)
apanona a a a a a a a a a a a a a a a a a	Onice X	P. VINOD HUTEARIS Beogradianub control Edayur Grams Panchayath Edayur (P.O)- 676552
ILM-30-Y-2014		

Copy of license from Gram Panchayat



Copy of Permit order

	Environmente		-	TEST	REPORT			
Test Re	eport No: 20200	221/R076	5		Date: 26.02.	2020		Page 1 of 1
								•
			CU	JSTOM	ER DETAILS			
					Mr.Binu Cheria			
Culetom	er Details	Name &	Address		Thakkirickal (F			
Custom	der Details	Traine co	nuuress		Chelad, Kothar		n,	
					Ernakulam District. Quarry of Mr. Binu Cherian			
		Monitori	ing Site					- District
					Karakkad, Eda	yoor, Mal	appurar	n District.
		Survey I	No		101/5, 101/6	-	_	
Location	n of Site	Village Panchay	reth	-	Edayoor Edayoor Thirur			
		Taluk	aui					
		District			Malappuram		_	
		State	-		Kerala		-	(177)
Custom	er Reference			-	Test Request F	orm dated	d 21.02.	2019
		tela atten	itte Lineaterie	SAMPL	E DETAILS	in the second	- 168 -	and the second second
Source	of Sample	Ambient	t Air		Sample Code		2	20200221/S076
Location	n of Monitoring	East Sid	le Boundary		Sampled By		I	aboratory
Date of	Monitoring	21.02.20	019		Test Started Or	n	2	2.02.2019
-	Received On	22.02.20	019	22	Test Completed	1. (1. (1. (1. (1. (1. (1. (1. (1. (1. (26.02.2019
Humidi	ty	78 %		-	Sampling Proc	edure	I	S 5182 Part V & XIV
SL NO	TEST PARAM	METER	TE	EST ME	THOD	UNIT	RESU	LT NAAQ STANDAH
01	Particulate Matt	er (PM10)	IS 5182 Part 23: 20		t 23: 2006 RA 2017		60.5	100
02	Parficulate Matt	Parficulate Matter (PM _{2.5})			0 Appendix – L	$\mu g/m^3$	22.4	60.0
03	Sulphur Dioxide	e (SO ₂)	IS 5182 Part	t 2: 200	1 RA 2017	µg/m³	< 2.0	0 80.0
04	Oxides of Nitrog	en (NO2)	IS 5182 Part	t 6: 200	6 RA 2017	µg/m³	< 2.0	0 80.0
				End (of Report			
					Standard	s Environ	mental 8	For and on behal
		•			and 3 faither			a many acar paporato.
,								Die
<i>a</i> .								Authorized Signat
					683 501 3			.Rija Joseph
								Technical Mana

Monitoring result of Air

	CUSTOMER	Mr.Binu Thakkiri	Cherian				
		Mr.Binu Thakkiri	Cherian				
	Name & Address	Sec. 10 10	Thakkirickal (H),				
		Chelad, Kothamangalam,Ernakulam District.					
		Chelad,	Kothama	ngalam,Erna	akulam	District.	
		Quarry	of Mr. Bin	u Cherian			
	Monitoring Site	Karakka	ad, Edayoo	or, Malappur	ram Dist	trict.	
	Survey No	101/5, 1	101/6				
eastion of Site	Village	Edayoor					
ocation of Site	Panchayath	Edayoor					
	Taluk	Thirur					
	District	Malapp	ouram				
	State	Kerala		1 . 1	0.0010		
Customer Reference	SAMPLE I		quest Forr	n dated 22.0	2.2019		
Sample Code	20200221/S078		Received	On 22.0	02.2019		
Sample Name	Water	-	ng Procedu		10000		
Sample Description	Open Well	Samplin	ng Location	n Adje	oint plot	on West direction	
dentification By Customer		College College College	Condition	CONTRACTOR CONTRACTOR	bd		
Sampled On		Test Sta	arted On	. 22.0	02.2019	•	
Sampled By	Customer	Test Cor	mpleted O	n 26.0	02.2019		
SL TEST PARAMETER	TEST METHOD		UNITS	RESUL	т	ACCEPTABLE LIMIT	
NO	IS 3025 Part 4:1983 RA 2	017	Hazen	1.00		(IS 10500 - 2012) 5.0 (Max)	
01 Colour	IS 3025 Part 4:1983 RA 2 IS 3025 Part 5:1983 RA 2	0000000000		Unobjectio	nable	Unobjectionable	
02 Odour 03 Turbidity	IS 3025 Part 3.1985 RA 2		NTU	< 0.10		1.0 (Max)	
04 pH	IS 3025 Part 11:1983 RA	5.500000		7.26		6.5 - 8.5	
05 Conductivity	IS 3025 Part 14:1984 RA		µS/cm	139			
	IS 3025 Part 16:1984 RA			88.0		500 (Max)	
ALT CONTRACTOR CONTRACTOR CONTRACTOR	O3) IS 3025 Part 21:2009 RA	2014	mg/L	36.0		200 (Max)	
08 Calcium (as Ca)	IS 3025 Part 40:1991 RA	2014	mg/L	8.00		75.0 (Max)	
09 Magnesium (as Mg)	IS 3025 Part 46:1994 RA	2014	mg/L	3.89		30.0 (Max)	
10 Chloride (as Cl)	IS 3025 Part 32:1988 RA	2014	mg/L	23.9		250 (Max)	
11 Total Alkalinity (as CaC	O ₃) IS 3025 Part 23:1986 RA	2014	mg/L	27.7		200 (Max)	
12 Iron (as Fe)	IS 3025 Part 53:2003 RA	.2014	mg/L	< 0.10		1.00 (Max)	
13 Sulphate (SO ₄)	IS 3025 Part 24:1986 RA	. 2014	mg/L	1.20		200 (Max)	
14 Total Coliform Bacteria	IS 15185 : 2016			Absent/10		Absent	
15 E coli	· IS 15185 : 2016	(D		Absent/10	00 ml	Absent	
06Total Dissolved Solids07Total Hardness (as CaCo08Calcium (as Ca)09Magnesium (as Mg)10Chloride (as Cl)11Total Alkalinity (as CaCo12Iron (as Fe)	O3) IS 3025 Part 21:2009 RA IS 3025 Part 40:1991 RA IS 3025 Part 46:1994 RA IS 3025 Part 32:1988 RA IS 3025 Part 23:1988 RA O3) IS 3025 Part 23:1986 RA IS 3025 Part 53:2003 RA IS 3025 Part 53:2003 RA	2014 2014 2014 2014 2014 2014 2014 2014	mg/L mg/L mg/L mg/L mg/L	36.0 8.00 3.89 23.9 27.7 < 0.10	0	200 (Max) 75.0 (Max) 30.0 (Max) 250 (Max) 200 (Max) 1.00 (Max)	
13 Sulphate (SO4)	IS 3025 Part 24:1986 RA	2014	mg/L	1.20		200 (Max)	
15 E coli		of Report*	1.	Absent/10	00 ml	Absent	

Copy of result of Water

17.00 Hrs 51.8 dB (A) 18.00 Hrs 46.5 dB (A) 19.00 Hrs 43.0 dB (A) 20.00 Hrs 39.2 dB (A) 21.00 Hrs 38.7 dB (A) 22.00 Hrs 36.1 dB (A)	CUSTOMER DETAILS Customer Details Mr.Binu Cherian Customer Details Mr.Binu Cherian Customer Details Mame & Address Monitoring Site Mr.Binu Cherian Karakkad, Edayoor, Malappuram District. Quarry of Mr. Binu Cherian Karakkad, Edayoor, Malappuram District. Survey No Village Edayoor Panchayath Edayoor Taluk Thirur District Malappuram State Kerala Customer Reference Test Request Form dated 21.02.2019 Source of Sample Ambient Sound Level Sample Code 20200221/S077 Location of Monitoring East side Boundary Date of Monitoring Is 9989:1981 RA:2008 Method IS 9989:1981 RA:2008 DAYTIME RESULT NIGHTTIME 06.00 Hrs 37.2 dB (A) 00.00 Hrs 36.5 dB (D) 07.00 Hrs 47.6 dB (A) 02.00 Hrs 36.5 dB (D) 09.00 Hrs 47.6 dB (A) 02.00 Hrs 36.5 dB (D) 09.00 Hrs 47.6 dB (A) 04.00 Hrs 36.5 dB (D)	CUSTOM		Page 1 of 1			
Customer Details Name & Address Mr.Binu Cherian Customer Details Name & Address Mr.Binu Cherian Customer Details Monitoring Site Chelad, Kothamangalam, Ernakulam District. Location of Site Survey No 101/5, 101/6 Village Edayoor Panchayath Panchayath Edayoor Panchayath Taluk Thirur Thirur District Malappuram State Source of Sample Ambient Sound Level Source of Sample Ambient Sound Level Sample Code 20200221/S077 Location of Monitoring East side Boundary Date of Monitoring East side Boundary Date of Monitoring East side Boundary Date of Monitoring East Side Source of Sample Method IS 9989:1981 RA:2008 Customers 37.2 dB (A) 01.00 Hrs 36.5 dB (A) 06:00 Hrs 37.2 dB (A) 02.00 Hrs 36.5 dB (A) 07:00 Hrs 37.2 dB (A) 02.00 Hrs 36.5 dB (A) 08:00 Hrs 49.9 dB (A) 03.00 Hrs 36.5 dB (A) 10:00 Hrs <th>Customer Details Name & Address Mr. Binu Cherian Thakkirickal (H), Chelad, Kothamangalam, Ernakulam District. Location of Site Monitoring Site Quarry of Mr. Binu Cherian Karakkad, Edayoor, Malappuram District. Location of Site Monitoring Site Quarry of Mr. Binu Cherian Karakkad, Edayoor, Malappuram District. Location of Site Survey No 101/5, 101/6 Village Edayoor Panchayath Edayoor Taluk Thirur District Malappuram State Kerala Customer Reference Test Request Form dated 21.02.2019 Source of Sample Ambient Sound Level Sample Code 20200221/S077 Location of Monitoring East side Boundary Date of Monitoring Is 9989:1981 RA:2008 Method IS 9989:1981 RA:2008 Cueve of Monitoring DAYTIME RESULT DAYTIME RESULT NIGHTTIME RESULT 06.00 Hrs 37.2 dB (A) 01.00 Hrs 34.0 dB (Ø 07.00 Hrs 39.9 dB (A) 00.00 Hrs 36.5 dB (Ø 08.00 Hrs 44.2 dB (A)</th> <th></th> <th>ER DETAILS</th> <th></th>	Customer Details Name & Address Mr. Binu Cherian Thakkirickal (H), Chelad, Kothamangalam, Ernakulam District. Location of Site Monitoring Site Quarry of Mr. Binu Cherian Karakkad, Edayoor, Malappuram District. Location of Site Monitoring Site Quarry of Mr. Binu Cherian Karakkad, Edayoor, Malappuram District. Location of Site Survey No 101/5, 101/6 Village Edayoor Panchayath Edayoor Taluk Thirur District Malappuram State Kerala Customer Reference Test Request Form dated 21.02.2019 Source of Sample Ambient Sound Level Sample Code 20200221/S077 Location of Monitoring East side Boundary Date of Monitoring Is 9989:1981 RA:2008 Method IS 9989:1981 RA:2008 Cueve of Monitoring DAYTIME RESULT DAYTIME RESULT NIGHTTIME RESULT 06.00 Hrs 37.2 dB (A) 01.00 Hrs 34.0 dB (Ø 07.00 Hrs 39.9 dB (A) 00.00 Hrs 36.5 dB (Ø 08.00 Hrs 44.2 dB (A)		ER DETAILS				
Customer Details Name & Address Mr.Binu Cherian Customer Details Name & Address Mr.Binu Cherian Customer Details Monitoring Site Chelad, Kothamangalam, Ernakulam District. Location of Site Survey No 101/5, 101/6 Village Edayoor Panchayath Panchayath Edayoor Panchayath Taluk Thirur Totaluk Thirur District Malappuram State Kerala Customer Reference Test Request Form dated 21.02.2019 State Source of Sample Ambient Sound Level Sample Code 20200221/S077 Location of Monitoring East side Boundary Date of Monitoring East side Boundary Date of Monitoring East side Boundary State Source of Sample Date of Monitoring East side Boundary Source of Sample Source of Sample Source of Sample Date of Monitoring East side Boundary Source of Sample Source of Sample Source of Sample Date of Monitoring RESULT NIGHTTIME RESULT Sode So	Customer Details Name & Address Mr. Binu Cherian Thakkirickal (H), Chelad, Kothamangalam, Ernakulam District. Location of Site Monitoring Site Quarry of Mr. Binu Cherian Karakkad, Edayoor, Malappuram District. Location of Site Monitoring Site Quarry of Mr. Binu Cherian Karakkad, Edayoor, Malappuram District. Location of Site Survey No 101/5, 101/6 Village Edayoor Panchayath Edayoor Taluk Thirur District Malappuram State Kerala Customer Reference Test Request Form dated 21.02.2019 Source of Sample Ambient Sound Level Sample Code 20200221/S077 Location of Monitoring East side Boundary Date of Monitoring IS 9989:1981 RA:2008 Method IS 9989:1981 RA:2008 Cueve of Sample DAYTIME RESULT NIGHTTIME RESULT 06.00 Hrs 37.2 dB (A) 03.00 Hrs 34.0 dB (Ø 07.00 Hrs 39.9 dB (A) 00.00 Hrs 36.5 dB (Ø 08.00 Hrs 44.2 dB (A) 01.00 Hrs 37.2 dB (A) <t< td=""><td></td><td></td><td></td></t<>						
Customer Details Name & Notices Chelad, Kothamangalam, Ernakulam District. Quarry of Mr. Binu Cherian Quarry of Mr. Binu Cherian Karakkad, Edayoor, Malappuram District. Survey No 101/5, 101/6 Panchayath Edayoor Panchayath Taluk Thirur District Malappuram State Kerala Customer Reference Test Request Form dated 21.02.2019 Source of Sample Ambient Sound Level Sample Code 20200221/S077 Location of Monitoring East side Boundary Date of Monitoring 21.02.2019 Method IS 9989:1981 RA:2008 Chelad, A. 00.00 Hrs 05.00 Hrs 37.2 dB (A) 03.00 Hrs 44.2 dB (A) 04.00 Hrs 37.2 dB (A) 03.00 Hrs 44.2 dB (A) 04.00 Hrs 36.5 dB (A) 10.00 Hrs 53.0 dB (A) 03.00 Hrs 49.9 dB (A) 03.00 Hrs 36.5 dB (A) 10.00 Hrs 53.0 dB (A) 10.00 Hrs 36.5 dB (A) 10.00 Hrs 53.0 dB (A) <td>Customer Details Name & Runess Chelad, Kothamangalam, Ernakulam District. Quarry of Mr. Binu Cherian Karakkad, Edayoor, Malappuram District. Location of Site Survey No 101/5, 101/6 Village Edayoor Panchayath Panchayath Edayoor Panchayath State Kerala Kerala Customer Reference Test Request Form dated 21.02.2019 Source of Sample Ambient Sound Level Source of Sample Ambient Sound Level Sample Code 20200221/S077 Location of Monitoring East side Boundary Date of Monitoring 21.02.2019 Method IS 9989:1981 RA:2008 Chers 37.2 dB (A) 23.00 Hrs 06.00 Hrs 39.9 dB (A) 00.00 Hrs 36.5 dB (I) 09.00 Hrs 44.2 dB (A) 01.00 Hrs 37.2 dB (A) 09.00 Hrs 44.9 dB (A) 03.00 Hrs 36.5 dB (I) 10.00 Hrs 53.0 dB (A) 03.00 Hrs 37.6 dB (I)</td> <td>D</td> <td></td> <td></td>	Customer Details Name & Runess Chelad, Kothamangalam, Ernakulam District. Quarry of Mr. Binu Cherian Karakkad, Edayoor, Malappuram District. Location of Site Survey No 101/5, 101/6 Village Edayoor Panchayath Panchayath Edayoor Panchayath State Kerala Kerala Customer Reference Test Request Form dated 21.02.2019 Source of Sample Ambient Sound Level Source of Sample Ambient Sound Level Sample Code 20200221/S077 Location of Monitoring East side Boundary Date of Monitoring 21.02.2019 Method IS 9989:1981 RA:2008 Chers 37.2 dB (A) 23.00 Hrs 06.00 Hrs 39.9 dB (A) 00.00 Hrs 36.5 dB (I) 09.00 Hrs 44.2 dB (A) 01.00 Hrs 37.2 dB (A) 09.00 Hrs 44.9 dB (A) 03.00 Hrs 36.5 dB (I) 10.00 Hrs 53.0 dB (A) 03.00 Hrs 37.6 dB (I)	D					
Ambient Sound Level Chelad, Kothamangalam, Ernakulam District. Ambient Sound Level Quarry of Mr. Binu Cherian Karakkad, Edayoor, Malappuram District. Survey No Survey No 101/5, 101/6 Village Edayoor Panchayath Edayoor Taluk Thirur District Malappuram State Kerala Customer Reference SAMPLE DETAILS Source of Sample Ambient Sound Level Sample Code 20200221/S077 Location of Monitoring East side Boundary Date of Monitoring 21.02.2019 Method IS 9989:1981 RA:2008 Date of Monitoring 21.02.2019 Method IS 9989:1981 RA:2008 Date of Monitoring Sample Code DAYTIME RESULT NIGHTTIME Molitoring 21.02.2019 Method IS 9989:1981 RA:2008 Date of Monitoring Sample Code Date of Monitoring RESULT NIGHTTIME RESULT NIGHTTIME RESULT 06:00 Hrs 37.2 dB (A) 01.00 Hrs 3	Location of Site Monitoring Site Quarry of Mr. Binu Cherian Karakkad, Edayoor, Malappuram District. Survey No 101/5, 101/6 Village Edayoor Panchayath Edayoor Taluk Thirur District Malappuram State Kerala Customer Reference Test Request Form dated 21.02.2019 Source of Sample Ambient Sound Level Sample Code 20200221/S077 Location of Monitoring East side Boundary Date of Monitoring IS 9989:1981 RA:2008 Check Of Hrs 37.2 dB (A) 00.00 Hrs 34.0 dB (a) 07.00 Hrs 44.2 dB (A) 01.00 Hrs 37.2 dB (A) 09.00 Hrs 44.2 dB (A) 01.00 Hrs 37.2 dB (A) 01.00 Hrs 49.9 dB (A) 03.00 Hrs 36.5 dB (a) 01.00 Hrs 44.9 dB (A) 01.00 Hrs 37.6 dB (a) 01.00 Hrs 53.0 dB (A) 04.00 Hrs 36.5 dB (a)	Details Name & Address	Thakkirickal (H),				
Monitoring Site Karakkad, Edayoor, Malappuram District. Survey No 101/5, 101/6 Yillage Edayoor Panchayath Edayoor Taluk Thirur District Malappuram State Kerala Customer Reference Test Request Form dated 21.02.2019 Sample Code 20200221/S077 Location of Monitoring East side Boundary Date of Monitoring 21.02.2019 Method IS 9989:1981 RA:2008 Code 2020021/S077 Location of Monitoring East side Boundary Date of Monitoring 21.02.2019 Method IS 9989:1981 RA:2008 Code 39.9 dB (A) OAYTIME RESULT NIGHTTIME RESULT O6.00 Hrs 37.2 dB (A) 00.00 Hrs 06.00 Hrs 44.2 dB (A) 01.00 Hrs 37.2 dB (A) 07.00 Hrs 39.9 dB (A) 03.00 Hrs 36.5 dB (A) 10.00 Hrs 44.9.9 dB (A) 03.00 Hrs 37.6 dB (A) 11.00 Hrs <td>Monitoring Site Karakkad, Edayoor, Malappuram District. Survey No 101/5, 101/6 Village Edayoor Panchayath Edayoor Taluk Thirur District Malappuram State Kerala Customer Reference Test Request Form dated 21.02.2019 Sample Code 20200221/S077 Location of Monitoring East side Boundary Date of Monitoring 21.02.2019 Method IS 9989:1981 RA:2008 RESULT NIGHTTIME RESULT 06.00 Hrs 37.2 dB (A) 00.00 Hrs 36.5 dB (J) 07.00 Hrs 39.9 dB (A) 00.00 Hrs 36.5 dB (J) 09.00 Hrs 44.2 dB (A) 01.00 Hrs 37.2 dB (A) 09.00 Hrs 47.6 dB (A) 02.00 Hrs 36.9 dB (J) 10.00 Hrs 49.9 dB (A) 03.00 Hrs 36.5 dB (J) 11.00 Hrs 53.0 dB (A) 04.00 Hrs 36.5 dB (J)</td> <td></td> <td>Chelad, Kothamangalam, Ernakulam</td> <td>District.</td>	Monitoring Site Karakkad, Edayoor, Malappuram District. Survey No 101/5, 101/6 Village Edayoor Panchayath Edayoor Taluk Thirur District Malappuram State Kerala Customer Reference Test Request Form dated 21.02.2019 Sample Code 20200221/S077 Location of Monitoring East side Boundary Date of Monitoring 21.02.2019 Method IS 9989:1981 RA:2008 RESULT NIGHTTIME RESULT 06.00 Hrs 37.2 dB (A) 00.00 Hrs 36.5 dB (J) 07.00 Hrs 39.9 dB (A) 00.00 Hrs 36.5 dB (J) 09.00 Hrs 44.2 dB (A) 01.00 Hrs 37.2 dB (A) 09.00 Hrs 47.6 dB (A) 02.00 Hrs 36.9 dB (J) 10.00 Hrs 49.9 dB (A) 03.00 Hrs 36.5 dB (J) 11.00 Hrs 53.0 dB (A) 04.00 Hrs 36.5 dB (J)		Chelad, Kothamangalam, Ernakulam	District.			
Location of Site Survey No 101/5, 101/6 Survey No 101/5, 101/6	Location of Site Survey No 101/5, 101/6 Village Edayoor Panchayath Edayoor Taluk Thirur District Malappuram State Kerala Customer Reference Test Request Form dated 21.02.2019 SAMPLE DETAILS Source of Sample Ambient Sound Level Sample Code 20200221/S077 Location of Monitoring East side Boundary Date of Monitoring East side Boundary Date of Monitoring IS 9989:1981 RA:2008 DAYTIME RESULT NIGHTTIME DAYTIME RESULT 06.00 Hrs 37.2 dB (A) 03.00 Hrs 07.00 Hrs 44.2 dB (A) 01.00 Hrs 09.00 Hrs 44.2 dB (A) 01.00 Hrs 09.00 Hrs 44.2 dB (A) 03.00 Hrs 10.00 Hrs 53.0 dB (A) 04.00 Hrs		Quarry of Mr. Binu Cherian				
Village Edayoor Panchayath Edayoor Taluk Thirur District Malappuram State Kerala Customer Reference Test Request Form dated 21.02.2019 Source of Sample Ambient Sound Level Sample Code 20200221/S077 Location of Monitoring East side Boundary Date of Monitoring 21.02.2019 Method IS 9989:1981 RA:2008 For Monitoring Date of Monitoring 21.02.2019 Method IS 9989:1981 RA:2008 For Monitoring Generation of Monitoring Date of Monitoring Method Secontagenetic Monitoring Date of Monitoring	Location of Site Village Edayoor Panchayath Edayoor Taluk Thirur District Malappuram State Kerala Customer Reference Test Request Form dated 21.02.2019 Sample Code 20200221/S077 Location of Monitoring East side Boundary Date of Monitoring 21.02.2019 Method IS 9989:1981 RA:2008 DAYTIME RESULT NIGHTTIME 06.00 Hrs 37.2 dB (A) 23.00 Hrs 34.0 dB (A) 07.00 Hrs 39.9 dB (A) 00.00 Hrs 36.5 dB (A) 08.00 Hrs 44.2 dB (A) 01.00 Hrs 37.2 dB (A) 09.00 Hrs 34.0 dB (A) 01.00 Hrs 36.5 dB (A) 09.00 Hrs 44.2 dB (A) 01.00 Hrs 36.5 dB (A) 09.00 Hrs 47.6 dB (A) 02.00 Hrs 36.9 dB (A) 10.00 Hrs 53.0 dB (A) 04.00 Hrs 36.5 dB (A)	Monitoring Site	Karakkad, Edayoor, Malappuram Dist	rict.			
Village Edayoor Panchayath Edayoor Taluk Thirur District Malappuram State Kerala Customer Reference Test Request Form dated 21.02.2019 Sample Code 20200221/S077 Location of Monitoring East side Boundary Date of Monitoring 21.02.2019 Method IS 9989:1981 RA:2008 FESULT DAYTIME RESULT DAYTIME RESULT DAYTIME RESULT 06.00 Hrs 37.2 dB (A) 07.00 Hrs 39.9 dB (A) 00.00 Hrs 44.2 dB (A) 01.00 Hrs 37.2 dB (A) 09.00 Hrs 44.9.9 dB (A) 01.00 Hrs 37.6 dB (A) 02.00 Hrs 47.6 dB (A) 03.00 Hrs 36.5 dB (A) 13.00 Hrs 49.9 dB (A) 13.00 Hrs 50.3 dB (A) 13.00 Hrs 51.8 dB (A) 13.00 Hrs 51.8 dB (A) 14.00 Hrs 51.8 dB (A)	Village Edayoor Panchayath Edayoor Taluk Thirur District Malappuram State Kerala Customer Reference Test Request Form dated 21.02.2019 SAMPLE DETAILS Source of Sample Ambient Sound Level Sample Code 20200221/S077 Location of Monitoring East side Boundary Date of Monitoring 21.02.2019 Method IS 9989:1981 RA:2008 DAYTIME RESULT NIGHTTIME 06.00 Hrs 37.2 dB (A) 23.00 Hrs 34.0 dB (A) 07.00 Hrs 39.9 dB (A) 00.00 Hrs 36.5 dB (A) 08.00 Hrs 44.2 dB (A) 01.00 Hrs 37.2 dB (A) 09.00 Hrs 44.9.9 dB (A) 03.00 Hrs 36.9 dB (A) 09.00 Hrs 47.6 dB (A) 02.00 Hrs 36.9 dB (A) 01.00 Hrs 49.9 dB (A) 03.00 Hrs 36.5 dB (A) 10.00 Hrs 49.9 dB (A) 03.00 Hrs 36.5 dB (A)	Survey No	101/5.101/6				
Decade of of the second sec	Panchayath Edayoor Taluk Thirur District Malappuram State Kerala Customer Reference Test Request Form dated 21.02.2019 SAMPLE DETAILS Source of Sample Ambient Sound Level Sample Code 20200221/S077 Location of Monitoring East side Boundary Date of Monitoring 21.02.2019 Method IS 9989:1981 RA:2008 DAYTIME RESULT NIGHTTIME 06.00 Hrs 37.2 dB (A) 23.00 Hrs 34.0 dB (A) 07.00 Hrs 39.9 dB (A) 00.00 Hrs 36.5 dB (A) 08.00 Hrs 44.2 dB (A) 01.00 Hrs 37.2 dB (A) 09.00 Hrs 44.9.9 dB (A) 03.00 Hrs 36.9 dB (A) 01.00 Hrs 36.5 dB (A) 02.00 Hrs 36.9 dB (A) 03.00 Hrs 44.9.9 dB (A) 03.00 Hrs 36.9 dB (A) 04.00 Hrs 49.9 dB (A) 03.00 Hrs 36.5 dB (A)	Villege					
District Malappuram State Kerala Customer Reference Test Request Form dated 21.02.2019 SAMPLE DETAILS Sample Code Sample Code 20200221/S077 Location of Monitoring East side Boundary Date of Monitoring Is 9989:1981 RA:2008 DAYTIME RESULT NIGHTTIME RESULT 06.00 Hrs 34.0 dB (A) 07.00 Hrs 37.2 dB (A) 08.00 Hrs 44.2 dB (A) 09.00 Hrs 47.6 dB (A) 010.00 Hrs 36.5 dB (A) 10.00 Hrs 53.0 dB (A) 12.00 Hrs	District Malappuram State Kerala Customer Reference Test Request Form dated 21.02.2019 Sample DETAILS Ambient Sound Level Sample Code 20200221/S077 Location of Monitoring East side Boundary Date of Monitoring 21.02.2019 Method IS 9989:1981 RA:2008 RESULT DAYTIME RESULT 06.00 Hrs 37.2 dB (A) 23.00 Hrs 34.0 dB (A) 07.00 Hrs 39.9 dB (A) 00.00 Hrs 36.5 dB (A) 08.00 Hrs 44.2 dB (A) 01.00 Hrs 37.2 dB (A) 09.00 Hrs 44.6 B (A) 02.00 Hrs 36.5 dB (A) 01.00 Hrs 44.2 dB (A) 01.00 Hrs 36.5 dB (A) 01.00 Hrs 44.6 B (A) 02.00 Hrs 36.9 dB (A) 01.00 Hrs 49.9 dB (A) 03.00 Hrs 36.5 dB (A)	Panchayath					
State Kerala Customer Reference Test Request Form dated 21.02.2019 SAMPLE DETAILS Source of Sample Sample Code Customer Reference Sample Code Sample Code Location of Monitoring Date of Monitoring Date of Monitoring Date of Monitoring DAYTIME RESULT NIGHTTIME RESULT O6.00 Hrs 37.2 dB (A) 00.00 Hrs 39.9 dB (A) 00.00 Hrs 37.2 dB (A) 00.00 Hrs 36.5 dB (A) 10.00 Hrs 47.6 dB (A) 01.00 Hrs 38.0 dB (A) 12.00 Hrs	State Kerala Customer Reference Test Request Form dated 21.02.2019 SAMPLE DETAILS Ambient Sound Level Sample Code 20200221/S077 Location of Monitoring East side Boundary Date of Monitoring 21.02.2019 Method IS 9989:1981 RA:2008 RESULT DAYTIME RESULT DAYTIME 37.2 dB (A) 23.00 Hrs 06.00 Hrs 39.9 dB (A) 00.00 Hrs 36.5 dB (J) 09.00 Hrs 44.2 dB (A) 01.00 Hrs 36.5 dB (J) 09.00 Hrs 47.6 dB (A) 02.00 Hrs 36.9 dB (A) 10.00 Hrs 49.9 dB (A) 03.00 Hrs 36.5 dB (J)						
Customer Reference Test Request Form dated 21.02.2019 SAMPLE DETAILS Source of Sample Ambient Sound Level Sample Code 20200221/S077 Location of Monitoring East side Boundary Date of Monitoring 21.02.2019 Method IS 9989:1981 RA:2008 DAYTIME RESULT NIGHTTIME 06.00 Hrs 37.2 dB (A) 07.00 Hrs 39.9 dB (A) 09.00 Hrs 44.2 dB (A) 09.00 Hrs 44.2 dB (A) 09.00 Hrs 44.2 dB (A) 01.00 Hrs 37.2 dB (A) 00.00 Hrs 36.5 dB (A) 10.00 Hrs 49.9 dB (A) 11.00 Hrs 53.0 dB (A) 12.00 Hrs 50.3 dB (A) 13.00 Hrs 51.5 dB (A) 14.00 Hrs 51.5 dB (A) 15.00 Hrs 51.5 dB (A) 19.00 Hrs 51.5 dB (A)	Customer Reference Test Request Form dated 21.02.2019 SAMPLE DETAILS Source of Sample Ambient Sound Level Sample Code 20200221/S077 Location of Monitoring East side Boundary Date of Monitoring 21.02.2019 Method IS 9989:1981 RA:2008 DAYTIME RESULT NIGHTTIME RESULT 06.00 Hrs 37.2 dB (A) 23.00 Hrs 34.0 dB (A) 07.00 Hrs 39.9 dB (A) 00.00 Hrs 36.5 dB (A) 08.00 Hrs 44.2 dB (A) 01.00 Hrs 37.2 dB (A) 09.00 Hrs 44.9 dB (A) 01.00 Hrs 36.5 dB (A) 01.00 Hrs 36.5 dB (A) 03.00 Hrs 36.5 dB (A) 01.00 Hrs 47.6 dB (A) 03.00 Hrs 36.5 dB (A) 01.00 Hrs 49.9 dB (A) 03.00 Hrs 37.6 dB (A)						
SAMPLE DETAILS Source of Sample Ambient Sound Level Sample Code 20200221/S077 Location of Monitoring East side Boundary Date of Monitoring 21.02.2019 Method IS 9989:1981 RA:2008 DAYTIME RESULT DAYTIME RESULT 06.00 Hrs 37.2 dB (A) 07.00 Hrs 39.9 dB (A) 00.00 Hrs 36.5 dB (A) 07.00 Hrs 39.9 dB (A) 00.00 Hrs 36.5 dB (A) 09.00 Hrs 44.2 dB (A) 01.00 Hrs 37.2 dB (A) 02.00 Hrs 36.5 dB (A) 01.00 Hrs 47.6 dB (A) 02.00 Hrs 36.5 dB (A) 10.00 Hrs 49.9 dB (A) 11.00 Hrs 49.5 dB (A) 12.00 Hrs 50.3 dB (A) 13.00 Hrs 51.5 dB (A) 14.00 Hrs 51.5 dB (A) 15.00 Hrs 51.5 dB (A) 19.00 Hrs 43.0 dB (A) 19.00 Hrs 39.2 dB (A) 19.00 Hrs 39.2 dB (A)	SAMPLE DETAILS Source of Sample Ambient Sound Level Sample Code 20200221/S077 Location of Monitoring East side Boundary Date of Monitoring 21.02.2019 Method IS 9989:1981 RA:2008 Method DAYTIME RESULT NIGHTTIME RESULT 06.00 Hrs 37.2 dB (A) 23.00 Hrs 34.0 dB (A) 07.00 Hrs 39.9 dB (A) 00.00 Hrs 36.5 dB (A) 08.00 Hrs 44.2 dB (A) 01.00 Hrs 37.2 dB (A) 09.00 Hrs 44.6 dB (A) 01.00 Hrs 36.9 dB (A) 10.00 Hrs 47.6 dB (A) 03.00 Hrs 36.9 dB (A) 10.00 Hrs 49.9 dB (A) 03.00 Hrs 36.5 dB (A)						
Source of Sample Ambient Sound Level Sample Code 20200221/S077 Location of Monitoring East side Boundary Date of Monitoring 21.02.2019 Method IS 9989:1981 RA:2008 DAYTIME DAYTIME RESULT 06.00 Hrs 37.2 dB (A) 23.00 Hrs 06.00 Hrs 39.9 dB (A) 00.00 Hrs 08.00 Hrs 44.2 dB (A) 01.00 Hrs 09.00 Hrs 47.6 dB (A) 02.00 Hrs 10.00 Hrs 37.2 dB (A) 03.00 Hrs 11.00 Hrs 50.3 dB (A) 04.00 Hrs 13.00 Hrs 49.9 dB (A) 05.00 Hrs 13.00 Hrs 50.3 dB (A) 05.00 Hrs 13.00 Hrs 50.3 dB (A) 05.00 Hrs 14.00 Hrs 51.5 dB (A) RESULTS 15.00 Hrs 51.5 dB (A) 10.00 Hrs 18.00 Hrs 43.0 dB (A) 05.00 Hrs 18.00 Hrs 36.5 dB (A) 10.00 Hrs 19.00 Hrs 31.8 dB (A) 10.00 Hrs 19.00 Hrs 36.1 dB (A)	Source of Sample Ambient Sound Level Sample Code 20200221/S077 Location of Monitoring East side Boundary Date of Monitoring 21.02.2019 Method IS 9989:1981 RA:2008 DAYTIME RESULT DAYTIME RESULT NIGHTTIME RESULT 06.00 Hrs 37.2 dB (A) 07.00 Hrs 39.9 dB (A) 08.00 Hrs 34.0 dB (A) 08.00 Hrs 37.2 dB (A) 09.00 Hrs 36.5 dB (A) 09.00 Hrs 44.2 dB (A) 01.00 Hrs 36.9 dB (A) 10.00 Hrs 49.9 dB (A) 03.00 Hrs 37.6 dB (A) 11.00 Hrs 53.0 dB (A)						
Sample Code 20200221/S077 Location of Monitoring East side Boundary Date of Monitoring 21.02.2019 Method IS 9989:1981 RA:2008 DAYTIME RESULT NIGHTTIME RESULT 06.00 Hrs 37.2 dB (A) 23.00 Hrs 34.0 dB (A) 07.00 Hrs 39.9 dB (A) 00.00 Hrs 36.5 dB (A) 08.00 Hrs 44.2 dB (A) 01.00 Hrs 36.5 dB (A) 09.00 Hrs 47.6 dB (A) 02.00 Hrs 36.9 dB (A) 10.00 Hrs 49.9 dB (A) 03.00 Hrs 36.5 dB (A) 11.00 Hrs 50.3 dB (A) 05.00 Hrs 36.5 dB (A) 13.00 Hrs 49.9 dB (A) 05.00 Hrs 38.3 dB (A) 13.00 Hrs 50.3 dB (A) 05.00 Hrs 38.3 dB (A) 15.00 Hrs 51.5 dB (A) RESULTS 48.4 dB (A) 16.00 Hrs 51.8 dB (A) Ambient Sound Level (Leq) Daytime 48.4 dB (A) 19.00 Hrs 39.2 dB (A) Ambient Sound Level (Leq) Nighttime 36.8 dB (A) 19.00 Hrs 38.7 dB (A) 36.1 dB (A)	Dayrime 20200221/S077 Location of Monitoring East side Boundary Date of Monitoring 21.02.2019 Method IS 9989:1981 RA:2008 DAYTIME RESULT NIGHTTIME 06.00 Hrs 37.2 dB (A) 07.00 Hrs 39.9 dB (A) 08.00 Hrs 44.2 dB (A) 09.00 Hrs 47.6 dB (A) 00.00 Hrs 36.9 dB (A) 01.00 Hrs 36.9 dB (A) 03.00 Hrs 36.5 dB (A) 04.00 Hrs 37.2 dB (A) 05.00 Hrs 36.5 dB (A) 06.00 Hrs 37.2 dB (A) 07.00 Hrs 36.5 dB (A) 01.00 Hrs 37.2 dB (A) 01.00 Hrs 36.5 dB (A) 01.00 Hrs 36.5 dB (A) 01.00 Hrs 36.5 dB (A) 03.00 Hrs 37.6 dB (A) 03.00 Hrs 36.5 dB (A)						
Location of Monitoring East side Boundary Date of Monitoring 21.02.2019 Method IS 9989:1981 RA:2008 DAYTIME RESULT NIGHTTIME RESULT 06.00 Hrs 37.2 dB (A) 23.00 Hrs 34.0 dB (A) 07.00 Hrs 39.9 dB (A) 00.00 Hrs 36.5 dB (A) 08.00 Hrs 44.2 dB (A) 01.00 Hrs 36.5 dB (A) 09.00 Hrs 44.2 dB (A) 02.00 Hrs 36.9 dB (A) 09.00 Hrs 44.2 dB (A) 03.00 Hrs 36.9 dB (A) 01.00 Hrs 49.9 dB (A) 03.00 Hrs 36.6 dB (A) 10.00 Hrs 50.3 dB (A) 05.00 Hrs 36.5 dB (A) 12.00 Hrs 50.3 dB (A) 05.00 Hrs 38.3 dB (A) 13.00 Hrs 49.9 dB (A) 05.00 Hrs 38.3 dB (A) 15.00 Hrs 51.5 dB (A) RESULTS 48.4 dB (A 16.00 Hrs 51.5 dB (A) Ambient Sound Level (Leq) Daytime 48.4 dB (A 18.00 Hrs 38.2 dB (A) Ambient Sound Level (Leq) Nighttime 36.8 dB (A 19.00 Hrs 3	Location of Monitoring East side Boundary Date of Monitoring 21.02.2019 Method IS 9989:1981 RA:2008 DAYTIME RESULT NIGHTTIME RESULT 06.00 Hrs 37.2 dB (A) 23.00 Hrs 34.0 dB (A) 07.00 Hrs 39.9 dB (A) 00.00 Hrs 36.5 dB (A) 08.00 Hrs 44.2 dB (A) 01.00 Hrs 37.2 dB (A) 09.00 Hrs 34.0 dB (A) 00.00 Hrs 36.5 dB (A) 09.00 Hrs 44.2 dB (A) 01.00 Hrs 37.2 dB (A) 01.00 Hrs 36.9 dB (A) 02.00 Hrs 36.9 dB (A) 10.00 Hrs 49.9 dB (A) 03.00 Hrs 37.6 dB (A) 11.00 Hrs 53.0 dB (A) 04.00 Hrs 36.5 dB (A)						
Date of Monitoring 21.02.2019 Method IS 9989:1981 RA:2008 DAYTIME RESULT NIGHTTIME RESULT 06.00 Hrs 37.2 dB (A) 23.00 Hrs 34.0 dB (A) 07.00 Hrs 39.9 dB (A) 00.00 Hrs 36.5 dB (A) 08.00 Hrs 44.2 dB (A) 01.00 Hrs 37.2 dB (A) 09.00 Hrs 44.2 dB (A) 01.00 Hrs 36.5 dB (A) 09.00 Hrs 44.2 dB (A) 02.00 Hrs 36.6 dB (A) 09.00 Hrs 44.9 dB (A) 02.00 Hrs 36.6 dB (A) 10.00 Hrs 49.9 dB (A) 03.00 Hrs 36.6 dB (A) 11.00 Hrs 50.3 dB (A) 05.00 Hrs 38.3 dB (A) 12.00 Hrs 50.3 dB (A) 05.00 Hrs 38.3 dB (A) 13.00 Hrs 49.9 dB (A) 05.00 Hrs 38.3 dB (A) 15.00 Hrs 51.5 dB (A) RESULTS 48.4 dB (A 16.00 Hrs 51.5 dB (A) Ambient Sound Level (Leq) Daytime 48.4 dB (A 19.00 Hrs 39.2 dB (A) Ambient Sound Level (Leq) Nighttime 36.8 dB (A)	Date of Monitoring 21.02.2019 Method IS 9989:1981 RA:2008 DAYTIME RESULT NIGHTTIME RESULT 06.00 Hrs 37.2 dB (A) 23.00 Hrs 34.0 dB (A) 07.00 Hrs 39.9 dB (A) 00.00 Hrs 36.5 dB (A) 08.00 Hrs 44.2 dB (A) 01.00 Hrs 37.2 dB (A) 09.00 Hrs 39.9 dB (A) 00.00 Hrs 36.5 dB (A) 09.00 Hrs 44.2 dB (A) 01.00 Hrs 36.9 dB (A) 10.00 Hrs 47.6 dB (A) 03.00 Hrs 36.9 dB (A) 11.00 Hrs 53.0 dB (A) 04.00 Hrs 36.5 dB (A)						
Date of moduling IS 9989:1981 RA:2008 DAYTIME RESULT NIGHTTIME RESULT 06.00 Hrs 37.2 dB (A) 23.00 Hrs 34.0 dB (A) 07.00 Hrs 39.9 dB (A) 00.00 Hrs 36.5 dB (A) 08.00 Hrs 44.2 dB (A) 01.00 Hrs 36.5 dB (A) 09.00 Hrs 44.2 dB (A) 01.00 Hrs 36.9 dB (A) 09.00 Hrs 47.6 dB (A) 02.00 Hrs 36.9 dB (A) 10.00 Hrs 49.9 dB (A) 03.00 Hrs 36.5 dB (A) 11.00 Hrs 50.3 dB (A) 04.00 Hrs 36.5 dB (A) 12.00 Hrs 50.3 dB (A) 05.00 Hrs 38.3 dB (A) 13.00 Hrs 49.9 dB (A) 05.00 Hrs 38.3 dB (A) 15.00 Hrs 50.3 dB (A) RESULTS 48.4 dB (A) 15.00 Hrs 51.8 dB (A) Ambient Sound Level (Leq) Daytime 48.4 dB (A) 19.00 Hrs 39.2 dB (A) Ambient Sound Level (Leq) Nighttime 36.8 dB (A) 20.00 Hrs 38.7 dB (A) Ambient Sound Level (Leq) Nighttime 36.8 dB (A) 21.00 Hrs 36.1 dB (Method IS 9989:1981 RA:2008 DAYTIME RESULT NIGHTTIME RESULT 06.00 Hrs 37.2 dB (A) 23.00 Hrs 34.0 dB (A) 07.00 Hrs 39.9 dB (A) 00.00 Hrs 36.5 dB (A) 08.00 Hrs 44.2 dB (A) 01.00 Hrs 37.2 dB (A) 09.00 Hrs 44.6 dB (A) 01.00 Hrs 36.9 dB (A) 10.00 Hrs 47.6 dB (A) 02.00 Hrs 36.9 dB (A) 11.00 Hrs 53.0 dB (A) 04.00 Hrs 36.5 dB (A)		•				
DAYTIME RESULT NIGHTTIME RESULT 06.00 Hrs 37.2 dB (A) 23.00 Hrs 34.0 dB (A) 07.00 Hrs 39.9 dB (A) 00.00 Hrs 36.5 dB (A) 08.00 Hrs 44.2 dB (A) 01.00 Hrs 36.5 dB (A) 09.00 Hrs 44.2 dB (A) 01.00 Hrs 36.9 dB (A) 09.00 Hrs 44.2 dB (A) 02.00 Hrs 36.9 dB (A) 10.00 Hrs 47.6 dB (A) 02.00 Hrs 36.9 dB (A) 10.00 Hrs 53.0 dB (A) 03.00 Hrs 37.6 dB (A) 12.00 Hrs 50.3 dB (A) 05.00 Hrs 38.3 dB (A) 13.00 Hrs 49.5 dB (A) RESULTS 48.4 dB (A) 15.00 Hrs 50.3 dB (A) RESULTS 48.4 dB (A) 16.00 Hrs 51.5 dB (A) RESULTS 48.4 dB (A) 17.00 Hrs 51.8 dB (A) Ambient Sound Level (Leq) Daytime 48.4 dB (A) 19.00 Hrs 39.2 dB (A) Ambient Sound Level (Leq) Nighttime 36.8 dB (A) 21.00 Hrs 38.7 dB (A) Ambient Sound Level (Leq) Nighttime 36.8 dB (A)	DAYTIME RESULT NIGHTTIME RESULT 06.00 Hrs 37.2 dB (A) 23.00 Hrs 34.0 dB (A) 07.00 Hrs 39.9 dB (A) 00.00 Hrs 36.5 dB (A) 08.00 Hrs 44.2 dB (A) 01.00 Hrs 37.2 dB (A) 09.00 Hrs 44.6 dB (A) 01.00 Hrs 36.9 dB (A) 10.00 Hrs 47.6 dB (A) 02.00 Hrs 36.9 dB (A) 10.00 Hrs 49.9 dB (A) 03.00 Hrs 37.6 dB (A) 11.00 Hrs 53.0 dB (A) 04.00 Hrs 36.5 dB (A)	omoning					
Office Office<	Officient Officient <thofficient< th=""> <thofficient< th=""> <tho< th=""><th></th><th></th><th>•</th></tho<></thofficient<></thofficient<>			•			
07.00 Hrs 39.9 dB (A) 00.00 Hrs 36.5 dB (A) 08.00 Hrs 44.2 dB (A) 01.00 Hrs 37.2 dB (A) 09.00 Hrs 47.6 dB (A) 02.00 Hrs 36.9 dB (A) 10.00 Hrs 47.6 dB (A) 02.00 Hrs 36.9 dB (A) 10.00 Hrs 49.9 dB (A) 03.00 Hrs 36.5 dB (A) 11.00 Hrs 53.0 dB (A) 04.00 Hrs 36.5 dB (A) 12.00 Hrs 50.3 dB (A) 05.00 Hrs 38.3 dB (A) 13.00 Hrs 49.9 dB (A) 05.00 Hrs 38.3 dB (A) 15.00 Hrs 50.3 dB (A) RESULTS 48.4 dB (A) 15.00 Hrs 51.5 dB (A) Ambient Sound Level (Leq) Daytime 48.4 dB (A) 19.00 Hrs 43.0 dB (A) Ambient Sound Level (Leq) Nighttime 36.8 dB (A) 20.00 Hrs 39.2 dB (A) Ambient Sound Level (Leq) Nighttime 36.8 dB (A) 21.00 Hrs 36.1 dB (A) Ambient Sound Level (Leq) Nighttime 36.8 dB (A) 22.00 Hrs 36.1 dB (A) Ambient Sound Level (Leq) Nighttime 36.8 dB (A)	07.00 Hrs 39.9 dB (A) 00.00 Hrs 36.5 dB (z) 08.00 Hrs 44.2 dB (A) 01.00 Hrs 37.2 dB (z) 09.00 Hrs 47.6 dB (A) 02.00 Hrs 36.9 dB (z) 10.00 Hrs 49.9 dB (A) 03.00 Hrs 37.6 dB (z) 11.00 Hrs 53.0 dB (A) 04.00 Hrs 36.5 dB (z)	DAYTIME RESULT	NIGHTTIME	RESULT			
08.00 Hrs 44.2 dB (A) 01.00 Hrs 37.2 dB (A) 09.00 Hrs 47.6 dB (A) 02.00 Hrs 36.9 dB (A) 10.00 Hrs 49.9 dB (A) 03.00 Hrs 36.9 dB (A) 11.00 Hrs 53.0 dB (A) 04.00 Hrs 36.5 dB (A) 12.00 Hrs 50.3 dB (A) 04.00 Hrs 36.5 dB (A) 13.00 Hrs 49.5 dB (A) 05.00 Hrs 38.3 dB (A) 15.00 Hrs 49.9 dB (A) 05.00 Hrs 38.3 dB (A) 16.00 Hrs 50.3 dB (A) RESULTS 48.4 dB (A) 16.00 Hrs 51.5 dB (A) Ambient Sound Level (Leq) Daytime 48.4 dB (A) 19.00 Hrs 43.0 dB (A) Ambient Sound Level (Leq) Nighttime 36.8 dB (A) 19.00 Hrs 38.7 dB (A) Ambient Sound Level (Leq) Nighttime 36.8 dB (A) 21.00 Hrs 36.1 dB (A) Ambient Sound Level (Leq) Nighttime 36.8 dB (A) 22.00 Hrs 36.1 dB (A) For and on beha 44.2 dB (A)	08.00 Hrs 44.2 dB (A) 01.00 Hrs 37.2 dB (A) 09.00 Hrs 47.6 dB (A) 02.00 Hrs 36.9 dB (A) 10.00 Hrs 49.9 dB (A) 03.00 Hrs 37.6 dB (A) 11.00 Hrs 53.0 dB (A) 04.00 Hrs 36.5 dB (A)	37.2 dB (A)	23.00 Hrs				
09.00 Hrs 47.6 dB (A) 02.00 Hrs 36.9 dB (A) 10.00 Hrs 49.9 dB (A) 03.00 Hrs 37.6 dB (A) 11.00 Hrs 53.0 dB (A) 04.00 Hrs 36.5 dB (A) 12.00 Hrs 50.3 dB (A) 04.00 Hrs 36.5 dB (A) 12.00 Hrs 50.3 dB (A) 05.00 Hrs 38.3 dB (A) 13.00 Hrs 49.5 dB (A) RESULTS 38.3 dB (A) 15.00 Hrs 50.3 dB (A) RESULTS 48.4 dB (A) 16.00 Hrs 51.5 dB (A) Ambient Sound Level (Leq) Daytime 48.4 dB (A) 18.00 Hrs 46.5 dB (A) Ambient Sound Level (Leq) Nighttime 36.8 dB (A) 19.00 Hrs 39.2 dB (A) Ambient Sound Level (Leq) Nighttime 36.8 dB (A) 21.00 Hrs 38.7 dB (A) 36.1 dB (A) 36.8 dB (A) 22.00 Hrs 36.1 dB (A) For and on beha ***End of Report*** For and on beha	09.00 Hrs 47.6 dB (A) 02.00 Hrs 36.9 dB (A) 10.00 Hrs 49.9 dB (A) 03.00 Hrs 37.6 dB (A) 11.00 Hrs 53.0 dB (A) 04.00 Hrs 36.5 dB (A)						
0.00 Hrs 49.9 dB (A) 03.00 Hrs 37.6 dB (A) 11.00 Hrs 53.0 dB (A) 04.00 Hrs 36.5 dB (A) 12.00 Hrs 50.3 dB (A) 04.00 Hrs 36.5 dB (A) 12.00 Hrs 50.3 dB (A) 05.00 Hrs 38.3 dB (A) 13.00 Hrs 49.5 dB (A) RESULTS 38.3 dB (A) 14.00 Hrs 50.3 dB (A) RESULTS 48.4 dB (A) 15.00 Hrs 51.5 dB (A) RESULTS 48.4 dB (A) 16.00 Hrs 51.8 dB (A) Ambient Sound Level (Leq) Daytime 48.4 dB (A) 19.00 Hrs 43.0 dB (A) Ambient Sound Level (Leq) Nighttime 36.8 dB (A) 21.00 Hrs 38.7 dB (A) Ambient Sound Level (Leq) Nighttime 36.8 dB (A) 21.00 Hrs 36.1 dB (A) ***End of Report*** For and on beha	10.00 Hrs 49.9 dB (A) 03.00 Hrs 37.6 dB (A) 11.00 Hrs 53.0 dB (A) 04.00 Hrs 36.5 dB (A)						
11.00 Hrs 53.0 dB (A) 04.00 Hrs 36.5 dB (A) 12.00 Hrs 50.3 dB (A) 05.00 Hrs 38.3 dB (A) 13.00 Hrs 49.5 dB (A) 05.00 Hrs 38.3 dB (A) 13.00 Hrs 49.9 dB (A) RESULTS 49.9 dB (A) 14.00 Hrs 50.3 dB (A) RESULTS 48.4 dB (A) 15.00 Hrs 51.5 dB (A) Ambient Sound Level (Leq) Daytime 48.4 dB (A) 16.00 Hrs 46.5 dB (A) Ambient Sound Level (Leq) Nighttime 48.4 dB (A) 19.00 Hrs 43.0 dB (A) Ambient Sound Level (Leq) Nighttime 36.8 dB (A) 21.00 Hrs 38.7 dB (A) Ambient Sound Level (Leq) Nighttime 36.8 dB (A) 22.00 Hrs 36.1 dB (A) ***End of Report*** For and on beha	11.00 Hrs 53.0 dB (A) 04.00 Hrs 36.5 dB (A)						
12.00 Hrs 50.3 dB (A) 05.00 Hrs 38.3 dB (A) 13.00 Hrs 49.5 dB (A) RESULTS 14.00 Hrs 49.9 dB (A) RESULTS 15.00 Hrs 50.3 dB (A) RESULTS 15.00 Hrs 51.5 dB (A) RESULTS 16.00 Hrs 51.5 dB (A) Ambient Sound Level (Leq) Daytime 18.00 Hrs 46.5 dB (A) Ambient Sound Level (Leq) Nighttime 19.00 Hrs 43.0 dB (A) Ambient Sound Level (Leq) Nighttime 20.00 Hrs 39.2 dB (A) Ambient Sound Level (Leq) Nighttime 21.00 Hrs 36.1 dB (A) ***End of Report***							
13.00 Hrs 49.5 dB (A) RESULTS 14.00 Hrs 49.9 dB (A) RESULTS 15.00 Hrs 50.3 dB (A) Ambient Sound Level (Leq) Daytime 48.4 dB (A) 16.00 Hrs 51.5 dB (A) Ambient Sound Level (Leq) Daytime 48.4 dB (A) 17.00 Hrs 43.0 dB (A) Ambient Sound Level (Leq) Nighttime 48.4 dB (A) 19.00 Hrs 43.0 dB (A) Ambient Sound Level (Leq) Nighttime 36.8 dB (A) 20.00 Hrs 39.2 dB (A) Ambient Sound Level (Leq) Nighttime 36.8 dB (A) 21.00 Hrs 36.1 dB (A) ***End of Report*** For and on beha For and on beha							
14.00 Hrs 49.9 dB (A) 15.00 Hrs 50.3 dB (A) 16.00 Hrs 51.5 dB (A) 17.00 Hrs 51.5 dB (A) 18.00 Hrs 51.8 dB (A) 19.00 Hrs 46.5 dB (A) 20.00 Hrs 39.2 dB (A) 21.00 Hrs 38.7 dB (A) 22.00 Hrs 36.1 dB (A) ***End of Report***			DECLITE				
16.00 Hrs 51.5 dB (A) Ambient Sound Level (Leq) Daytime 48.4 dB (A) 17.00 Hrs 51.8 dB (A) Ambient Sound Level (Leq) Daytime 48.4 dB (A) 18.00 Hrs 46.5 dB (A) Ambient Sound Level (Leq) Daytime 48.4 dB (A) 19.00 Hrs 43.0 dB (A) Ambient Sound Level (Leq) Nighttime 36.8 dB (A) 20.00 Hrs 38.7 dB (A) Ambient Sound Level (Leq) Nighttime 36.8 dB (A) 22.00 Hrs 36.1 dB (A) ***End of Report*** For and on beha	14.00 Hrs • 49.9 dB (A)	• 49.9 dB (A)	RESOLIS				
17.00 Hrs 51.8 dB (A) Ambient Sound Level (Led) Daytime 46.4 dB (A) 18.00 Hrs 46.5 dB (A) Ambient Sound Level (Led) Daytime 46.4 dB (A) 19.00 Hrs 43.0 dB (A) Ambient Sound Level (Led) Nighttime 36.8 dB (A) 20.00 Hrs 39.2 dB (A) Ambient Sound Level (Led) Nighttime 36.8 dB (A) 21.00 Hrs 36.1 dB (A) ***End of Report*** For and on beha							
17.00 Hrs 51.8 dB (A) 18.00 Hrs 46.5 dB (A) 19.00 Hrs 46.5 dB (A) 20.00 Hrs 39.2 dB (A) 21.00 Hrs 38.7 dB (A) 22.00 Hrs 36.1 dB (A) For and on beha Standards Environmental & Analytical Laborato	Ambient Sound Level (Led) Davtime 48.4 (Ambient Sound Level (Leq) Daytime 48.4 dB (A				
19.00 Hrs 43.0 dB (A) 20.00 Hrs 39.2 dB (A) 21.00 Hrs 38.7 dB (A) 22.00 Hrs 36.1 dB (A) Ambient Sound Level (Leq) Nighttime 36.8 dB (A ***End of Report*** For and on beha Standards Environmental & Analytical Laborato	17.00 Hrs 51.8 dB (A)						
20.00 Hrs 39.2 dB (A) Ambient Sound Level (Leq) Nighttime 36.8 dB (A) 21.00 Hrs 36.1 dB (A) ***End of Report*** 36.8 dB (A)							
21.00 Hrs 38.7 dB (A) Ambient Sound Level (Led) Nightume 36.8 dB (A) 22.00 Hrs 36.1 dB (A) ***End of Report*** For and on beha	20.00 Hrs 39.2 dB (A)						
22.00 Hrs 36.1 dB (A) ***End of Report*** Standards Environmental & Analytical Laborato			Ambient Sound Level (Leq) Nighttime	36.8 dB (A)			
For and on beha	22.00 Hrs 36.1 dB (A)	36.1 dB (A)					
	22.00 Hrs 36.1 dB (A) ***End of Report*** For and on I Standard® Environmental & Analytical Labo	36.1 dB (A)		Puja Authorized Signate			
	Rija Jos Technical M						

Monitoring results of Sound