

Quarry project of
M/s.SOUTHERN ROCK & AGGREGATE MINING
COMPANY

APPLICANT
Sri.T Mathew Abraham
Proprietor
Painkulam Village
Thalappilly Taluk
Thrissur District
Kerala

Re Sy.No	1019/3,1019/4,1019/5,1019/6,1019/7, 1021/6,1021/8, 1021/9,1027P,1028P,1029P and1030P
Village	Painkulam
Taluk	Thalappilly
District	Thrissur
State	Kerala
Area	7.800 Ha

SECOND HALF
COMPLIANCE REPORT

(Ref: E.C. No.285/SEIAA/KL/1362/2014)

For the period up to
OCTOBER 2021 – MARCH 2022

**M/s SOUTHERN ROCK & AGGREGATE MINING COMPANY,
Painkulam, Thrissur**

To,

Chairman/ Member secretary
State Environmental Impact Assessment Authority,
Government of Kerala

Sub: Environmental Clearance – Proposed quarry Project

Re Sy.No1019/3,1019/4,1019/5,1019/6,1019/7,1021/6,1021/8,1021/9,1027P,1028P,1029P
and1030P at PainkulamVillage, Thalappilly Taluk, Thrissur District, Kerala- The Second Half
Compliance Report- Reg.Ref: E.C. No. 285/SEIAA/KL/1362/2014.dtd.05.12.2014

Respected Sir,

Our Quarry project was accorded with Environmental Clearance vide order E.C. No. 285/SEIAA/KL/1362/2014.Dtd.05.12.2014.The Second Half Compliance Report of the specific and general conditions of the Environmental clearance is enclosed.

Thanking You

You're faithfully



Sri. T Mathew Abraham

Proprietor

M/s SOUTHERN ROCK & AGGREGATE MINING COMPANY

Copy to

The Regional Director

MoEF Regional Office , southern zone, KendriyaSadan, 4th Floor,
E&F Wing , II Block, Koramangala , Bangalore-560034.

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1. ABOUT THE PROPOSER

Sri.T.Mathew Abraham is the Proprietor of M/s Southern Rock &Aggregate Mining Company which is located in Painkulam Village and Thalappilly Taluk, Thrissur District, Kerala state.

State Environmental Impact Assessment Authority (SEIAA) Kerala has accorded Environmental Clearance vide letter No.285/SEIAA/KL/1362/2014 dtd.05.12.2014 to the quarry project of M/s Southern Rock &Aggregate Mining Company in Painkulam Village and Thalappilly Taluk, Thrissur District, Kerala state. This quarry project is controlled and managed by Sri.T.Mathew Abraham, Proprietor, M/s Southern Rock &Aggregate Mining Company in Painkulam Village and Thalappilly Taluk, Thrissur District, Kerala state.

Contact Details: Phone No:9995407570. E-mail:southernrocks999@gmail.com

II. ABOUT THE PROJECT

a. Project category:

The project comes under the Category B, Activity 1(a), (i) of Schedule of EIA Notification 2006 and subsequent amendments. It is further categorized as Category B2.

b. Project location:

Sy.Nos. 1019/3,1019/4,1019/5,1019/6,1019/7,1021/6,1021/8,1021/9,1027P,1028P,1029P and 1030P at

Painkulam Village, Thalappilly Taluk, Thrissur District, Kerala. The proposed project site falls within 10°44'02.9" N to 10°44'10.8" N and 76°17'38.2" E to 76°34'53.4" E.

c. Project extent and activity:

The project is for quarrying of 3, 00,000MTA of building stone from an area of 7.800hectares of land located as specified above.

d. Project description:

The proposed project activity involves about 100 % of the pit area for exploring building stone. At the end of life of mine, excavated pit will be fully reclaimed and rehabilitated by plantation. The proposed project does not involve any underground mining activities. The mining is done by open cast semi mechanized method.

III. REPORT OF COMPLIANCE

A. a. SPECIFIC CONDITIONS

Item no	Stipulations in EC	Status of Compliance	Remarks
S-1	Steep cutting with more than 50 m height are seen in the active and old quarried faces. Bench formation is being introduced in the presently active working area on the top but need planning with a main haulage to the top. Hence the steeply cut faces on the lower/bottom region must be fenced and provided with danger signs. It must be worked only after benches are made on the top.	Proper measure are taken to comply this specific condition.	
S-2	Pockets of overburden are seen in the elevated crustal parts and in the eastern flanks. This is now stored in the low lying area but not in the designated places. Sheet flow of rain water can carry soil from this area. There is a need to preserve OB for restoration of the quarry during the closure. Care must be taken when the OB is removed from the steep slopes. Dark humus rich top soil must be preserved.	The OB is stored in the specific area earmarked for it.	
S-3	Mechanism to channelize the water, arrest soil movement, de-siltation and clarification of water	A proper silt trap mechanism and clarification mechanism is	Plate S-3: Silt trap and lined channels.

	<p>do exist. The old pit in the Centre of the active quarry is used as a settling tank as well as RWH Pond. The entire flow from the quarry face is directed to this pit. The water existing from these areas is not provided with silt traps and lined channels though planned. A proper silt trap mechanism and clarification mechanism must be provided.</p>	<p>provided.</p>	
S-4	<p>There is no separate stockyard for the finished product from their crushed unit. Presently it is being stored in open spaces on the southern side.</p>	<p>The finished product from the crushed unit is kept in a separate stockyard.</p>	
S-5	<p>Vegetative covering must be provided in the debris mantle slopes where quarry operation is not planned.</p>	<p>Vegetative covering is provided in the debris mantle slopes where quarry operation is not planned.</p>	
S-6	<p>100m buffer distance must be provided from the dwelling units.</p>	<p>100 m buffer distance is provided from the dwelling units as directed.</p>	

A. GENERAL CONDITIONS

Item No	Stipulations in EC	Status of Compliance	Remarks
G-1	Rain Water Harvesting facility should be installed as per the prevailing provisions of KMBR/KPBR.	Provision is made for storage of rain water.	<u>Plate G: 1</u> -Rainwater harvesting pits.
G-2	Environment Monitoring Cell as agreed under the affidavit filed by the proponent should be formed and made functional.	Environmental Monitoring Cell is formed which is headed by the quarry/Mines Manager. Qualified Environmental Consultants/Engineers are engaged for effective implementation of the pollution control measures.	
G-3	Suitable avenue trees should be planted along either side of tarred road and open parking areas, if any, inclusive of approach road and internal roads	Avenue trees are planted along either side of tarred road and in other available open areas.	<u>Plate G:3</u> -Avenue trees planted along either side of tarred road.
G-4	Maximum possible solar energy generation and utilization shall be ensured as an essential part of the project.	Installation of Solar lights on the parking area and approach roads are under process.	
G-5	Sprinklers shall be installed and used in the project site to contain dust emissions.	Sprinklers are installed in the project site and outside the project site to minimize the dust emission.	<u>Plate G:5</u> -Sprinklers installed.

G-6	Eco-restoration including the mine closure plan shall be done at the own cost of the project proponent.	At the time of closure of the mine, all measures will be taken to comply this direction.	
G-7	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 dumping and overburden and planted with indigenous plant species that are eco-friendly	This will be done at the final stage of the quarry closure.	
G-8	Corporate Social Responsibility (CSR) agreed upon by the proponent should be implemented.	Activities for fulfilling the commitments made pertaining to Corporate Social Responsibility in tune with the conditions specified in the Companies Act, 2013 are regularly taken up.	<u>Annexure G-8</u> ;Copy of Some Receipts of CSR
G-9	The lease area shall be fenced off with barbed wires to a minimum height of 4ft around, before starting of mining.	Entire lease area has fenced.	<u>Plate G:9</u> -Fencing around the boundary area.
G-10	Warning alarms indicating the time of blasting (to be done at specific timings) has to be arranged as per Stipulations of Explosive Department.	As per the stipulations of Explosive Department the warning alarms is being given during the blasting time and it is ensured that no person shall enter the premises	

		at this time.	
G-11	Control measures on noise and vibration prescribed by KSPCB should be implemented	All the measures are implemented to control noise and vibration as per KSPCB guidelines.	
G-12	Quarrying activities should be limited to day time as per KSPCB should be implemented.	Quarrying activities are restricted to only day time as per the KSPCB guidelines.	
G-13	Blasting should be done in a controlled manner as specified by the regulation of explosives Department or any other concerned agency.	Controlled blasting is being followed/practiced as per regulation of explosive department under the supervision of competent persons. Blasting time 10.00 am to 10.30 am and 1 pm to 1.30 pm.	<u>Plate G:13</u> - Blasting time
G-14	A licensed person should supervise /control the blasting operation.	Having one first class manager second class manager, foreman and two mines mates.	<u>Annexure G: 14</u> -Attached Mines manager Certificate.
G-15	Access roads to the quarry shall be tarred to contain dust emissions that may arise during transportation of materials.	Access roads to the quarry site are tarred and maintained effectively and also the avenue plantation has been carried out.	<u>Plate G:15</u> -Access Road to the Quarry.

G-16	Overburden materials should be managed within the site and the old quarries, if any should be reclaimed and stored.	Over burden has been stacked in the area earmarked and the same will be utilized to back fill the mined area during the mines closure.	
G-17	Height of benches should not exceed 5 m and width should not be less than 5 m.	Height of the benches is maintained at 5 m x 5 m.	<u>Plate G:17-Bench Height</u>
G-18	Mats to reduce fly rock blast to a maximum of 10 PPV should be provided.	Mats are used during vibration studies.	<u>Plate G:18-Mats are used during vibration studies</u>
G-19	Maximum depth of mining from general ground level at site shall not exceed 10m.	The mining is now above ground level and the lowest bench planned wills not exceed10 m below the general ground level.	
G-20	No mining operations should be carried out at places having a slope greater than 45°	It is ensured that mining will not be carried out at places with slope greater than 45°.	
G-21	Acoustic enclosures should have been 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.	In the crushing unit, entire activity is made in-house and Closed Conveyor System ispracticed by constructing hollow bricks walls.Regular monitoring is done to reduce sound amplifications.	

G-22	The workers on the site should be provided with the required protective equipment such as ear muffs, helmet, etc.	The workers on the site is provided with the required protective equipment such as ear muffs, helmet, etc.	<u>Plate G: 22</u> -Workers with protective equipment.
G-23	Garland drains with clarifiers to be provided in the lower slopes around the core area to channelize storm water.	Garland drains with clarifiers are provided.	<u>Plate G: 23</u> -Garland drains.
G-24	The transportation of minerals should be done in covered trucks to contain dust emissions.	Transportation trucks carrying minerals is covered to contain dust emission.	<u>Plate G: 24</u> -Covered trucks.
G-25	The proponent should plant trees at least 5 times of the loss that has been occurred while clearing the land for the project.	It is ensured that, trees are being planted which will be 5 times of the loss that has been occurred while clearing the core zone for mining.	<u>Plate G: 25</u> -Plantation.
G-26	Disposal of spent oil from diesel engines should be as specified under relevant Rules/Regulations.	Spent oil from diesel engines will be stored in the empty barrel and the same will be sold to the approval /authorized recycler/processors as per HMW Rules, 2016.	
G-27	Explosives should be stored in magazines in isolated place specified and approved by Explosive Dept.	Magazines are stored in isolated place.	<u>Plate G: 27</u> -Magazines
	A Minimum buffer distance of 100	Statutory safe distance shall be	

G-28	m from the boundary of the quarry to the nearest dwelling unit or other structure , not being any facility for mining shall be provided	maintained without fail.	
G-29	200m buffer distance should be maintained from forest boundaries	Statutory safe distance shall be maintained without fail.	
G- 30	Consent from Kerala State Pollution, Control Board under Water and Air (s) should have been obtained before initiating mining activity.	Consent letter is attached	<p><u>Annexure G-30;</u> Consent No; PCB/DO/TSR/R5/ICO/804/2022 issued on 07/07/2022, valid up to 30/06/2025.</p>
G-31	All other statutory clearances should be obtained, as applicable, by project proponents from the respective competent authorities including that for blasting and storage of explosives.	<ol style="list-style-type: none"> 1. PaanjalGramapanchayath (License No; C3-C3-816-2019/2019-20-_111 valid up to 31/03/2024 2. Petroleum and Explosive safety Organization (formerly Department of Explosives) License (No. E/SC/KL/22/867(E40147) valid up to 31/03/2025) 3. Annexure G-31(3): Copy of the quarry Lease issued by the DMG Order No:830/2014-15/1794/M3/2015 	<p>1.<u>Annexure G-31(1);</u> <ol style="list-style-type: none"> 1. PaanjalGramapanchayath(License No; C3-C3-846-2019/2019-20-_114 valid up to 31/03/2024 </p> <p><u>2. Annexure G-31(2)</u> Petroleum and Explosive safety Organization (formerly Department of Explosives) License (No. E /SC/KL/22/867(E40147) valid up to 31/03/2025)</p> <p><u>3. Annexure G-31(3):</u>Copy of the quarry Lease issued by the DMG Order no:830/2014-15/1794/M3/2015</p>
	In the case of any change in the	The Proponent shall abide by the	

G-32	scope of the project the projects would require a fresh appraisal by this authority.	directions of SEIAA Kerala in such context, if arises.	
G-33	The Authority reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environment (Protection) Act,1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.	The proponent shall abide by the directions of SEIAA Kerala in such context, if arises.	
G-34	The stipulations by Statutory Authorities under different Acts and Notifications should be complied with including the provisions of 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.	Strict compliance is adhered to and is reviewed periodically by the top management.	

G-35	<p>The project proponent should advertise in at least two local newspapers widely circulated in the region, one of which (both the 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 Environmental Impact Assessment Authority (DEIAA) office Kozhikode and may also be seen and may also be seen on the website of the Authority at www.environmentalclearance.nic.in. The advertisement should be made within 10 days from the date of receipt of the Clearance letter and a copy of the same signed in all pages should be forwarded to the office of this Authority as confirmation.</p>	<p>Advertisements regarding the obtaining of Environmental Clearance were given in two local newspapers and forwarded to SEIAA.</p>	<p><u>Annexure G-35;</u> Attached Paper Cutting.</p>
G-36	<p>A copy of the clearance letter shall be sent by the proponent to concerned GramaPanchayath/ District Panchayath/ Municipality/ Corporation/ Urban Local Body and</p>	<ol style="list-style-type: none"> 1. Copy of EC has been forwarded to the secretary PaanjalGramaPanchayth 2. Copy of EC displayed in the notice board of the mining site. 	

	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.		
G-37	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 Regional Office of MoEF, Government of India and also to Directorate of Environment and climate change, Govt. of Kerala.	This report is the Second Half Compliance Report. (October 2021- March 2022).	<u>Annexure G- 37:</u> Result of Monitored Data.

G-38	<p>The details of Environmental Clearance should be prominently displayed in a metallic board of 3 ft x 3 ft with green background and yellow letters of Times New Roman font of size of not less than 40. Sign board with extend of lease area boundaries shall be depicted at the entrance of the quarry, visible to the public.</p>	<p>Environmental Clearance displayed in a metallic board.</p>	<p><u>Plate G: 38</u>-Environmental Clearance display board.</p>
G-39	<p>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.</p>	<p>Notarized affidavit has been submitted starting that all EC conditions will be followed.</p>	
G-40	<p>The above conditions shall prevail notwithstanding anything to the contrary in consist, or simplified, contained in any other permit, license on consent given by any other authority for the same project.</p>	<p>The conditions of SEIAA are strictly followed.</p>	

ANNEXURE

**M/s.SOUTHERN ROCK & AGGREGATE
MINING COMPANY**

CSR/CER Reports

April 2022– September 2022

SOUTHERN ROCK & AGGREGATE MINING COMPANY



Painkulam P.O., Cheruthuruthy, Thrissur, Pin-679 531

PAYMENT VOUCHER

Voucher No :

Date : 01/12/2021

Pay to Donathem

Particulars of Payment	Rs.	Ps.
<u>B.R.P. - Keralaean</u>	10000	00
<u>Chelikulam...niyojala...Mandalam</u>		
<u>Regarding Jayalakshmi...Balichendam</u>		
<u>Itan Huzur (9995924360)</u>		
Rupees Ten Thousand only	10000.00	

Prepared by

Passed by

Payment Received



BHARATIYA JANATA PARTY- KERALAM

Mararji Smruthi Mandiram, Thycadu Thiruvananthapuram-14
Ph : 0471 2333390 | Fax : 0471 2337715

06284

RECEIPT 2020-21

(Valid upto December 2021)

Date: 01/12/2021

Received with thanks from Sri/Smt : Donathem Rock And Aggregate mining Company

a sum of Rupees 10000/-

.....Cash Cheque No..... DD No.....

Name and designation of the receiver.....

.....

PAN No.....

₹ 10000/-

SOUTHERN ROCK & AGGREGATE MINING COMPANY



Painkulam P.O. Cheruthuruthy Thrissur. Pin-679 531

PAYMENT VOUCHER

Voucher No.:

Date: 27/11/11

Pay to Donation

Particulars of Payment	Rs.	Rs.
<u>Being Paid for Donation</u> - Sachin 9744337129 <u>DYFI Panjal - chelukkas Area</u> <u>Meeting</u>		
<u>Rupees.</u>	<u>5000</u>	
<u>Prepared by</u> 	<u>Passed by</u> 	<u>Payment Received</u> 

1. The payment is made for the donation received by the company for the DYFI Panjal - chelukkas Area Meeting.

2. The amount of Rs. 5000/- is being paid to the person named Sachin.

3. The payment is being passed by the company to the person named Sachin.

4. The payment is being received by the person named Sachin.

5. The payment is being received by the company.

SOUTHERN ROCK & AGGREGATE MINING COMPANY
 Painkulam P.O., Cheruthuruthy, Thrissur, Pin-679 531



PAYMENT VOUCHER

Date :

26/11/21

Voucher No :

Donation

Pay to.....

Particulars of Payment	Rs.	Ps.
Being Paid For Donation to Jalanidi - Well Ring work	30,000	
Ramashenur - 9747429789		
Rajesh - 9947937462	30,000	

Rupees.....

Payment Received

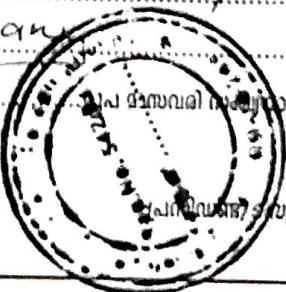
MR

Prepared by

JST

Passed by

JST

ജാലനിധി	
കേരള റിംഗ് വാട്ടർ സർവൈസ് & സാമീന്റേഷൻ ഫോറ്മാറ്റി	
ഉന്നതതുറ ശൈലീജല വിതരണ പദ്ധതി - Reg No : 542/03	
സ്വീകാര്യം : 1053	ത്രൈത്തി
ഒന്നാം : 26/11/21	
ശ്രീ/ശ്രീമാം Soudheen Rock & Aggregate mining company	
കെട്ടിബാധിയ്ക്ക്	
₹ 30,000	
 <small>സൗം റെസ്റ്റോർണ്ണ സെർവൈസ് സിസ്റ്റം</small>	

SOUTHERN ROCK & AGGREGATE MINING COMPANY
 Painkulam P.O., Cheruthuruthy, Thrissur, Pin-679 531



PAYMENT VOUCHER

Voucher No.:

Date: 25/11/2021

Pay to Donation

Particulars of Payment	Rs.	Ps.
J M W A. (Munichu murali)	1000	00
Rupees <u>One Thousand only</u>	1000.00	

Prepared by

Passed by

Payment Received

JOURNALISTS & MEDIA WORKERS ASSOCIATION (JMWA)

Reg. No. TSR/TC/376/2015

State Committee, Apparambil House,
 Anjur, P. O. Mundur, Thrissur Dt./ Ph : 9946488431

Date: 25-11-2021

No: 2035

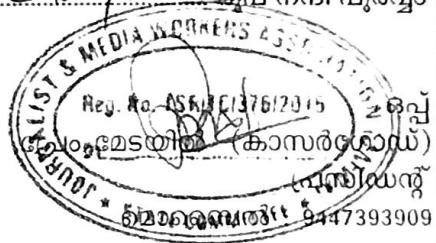
ശ്രീ/ ശ്രീമതി SOUTHERN ROCKS

പക്കൽ നിന്നും ONE THOUSAND ONLY ഒരു നൂറി പുത്തും

കൈപ്പറ്റിയിരിക്കുന്നു.

Rs.

1000/-



SOUTHERN ROCK & AGGREGATE MINING COMPANY



Painkulam P.O., Cheruthuruthy, Thrissur, Pin-679 531

PAYMENT VOUCHER

Date: 25/11/21

Voucher No:

Pay to..... Donation

Particulars of Payment	Rs.	Ps.
Being Paid For Donation to Congress (s)		
[Sandosh - 9388919344]	2000	
Rupees.....	2000	

Prepared by

Jith

Passed by

Jith

Payment Received

Sum



SOUTHERN ROCK & AGGREGATE MINING COMPANY



Painkulam P.O., Cheruthuruthy, Thrissur, Pin-679 531

PAYMENT VOUCHER

Voucher No.:

Date: 24/11/

Pay to: Donation

Particulars of Payment	Rs.	Ps.
Being Paid For Donation to Varun Prajapati	5000	
Rupees.	5000	

Prepared by

Passed by

Payment Received

SOUTHERN ROCK & AGGREGATE MINING COMPANY

Painkulam P.O., Cheruthuruthy, Thrissur, Pin-679 531

PAYMENT VOUCHER

Voucher No :

Date : 24/11/21

Pay to Donation

Particulars of Payment	Rs.	Ps.
By <u>Donation Panel do modified</u> for <u>INTUC meetm</u>	1500	-
<u>Ph. 9447527243</u>		
Rupees.....	1500/-	

Prepared by

Payment Received

Being Period For Payment to CPMI Thirumalai
local committee Cash Paid - Rs. 50,000/-
Chq Paid 50,000, Total Paid 100,000/-

THE
FEDERAL BANK LIMITED Cheruthuruthy Br. (KL)
Thrissur - 670 531
IFSC: FDRL0001699

CURRENT ACCOUNT
VIA 10052026
CURRENT F115

DA/10/2021
RECEIVED BY
Rupees Fifty Thousand only.

Amount: ₹ 50,000/-

Pay CPMI Thirumalai Local Committee
Rupees Fifty Thousand only.

Acct. No. 152502000000036
Chq. No. 10052026
SG

PAYABLE AT ALL BRANCHES OF FEDERAL BANK

For SOUTHERN ROCK & AGGREGATE MINING COMPANY
[Signature]

Authorised Signatory Authorised Signatory
Authorised Signatory Authorised Signatory

10052026 6800490281 1018990 29

SOUTHERN ROCK & AGGREGATE MINING COMPANY
Painkulam P.O., Cheruthuruthy, Thrissur, Pin 670 531



PAYMENT VOUCHER

Voucher No.:

Date: 23/11/21

Pay to:

CPMI Payal Area Meedy,

Particulars of Payment	Rs.	Rs.
C/o Chandra & Meed	50,000	
Cash Driven - Chq No 10052026, -	50,000	
Rupees.....	1,00,000/-	

Prepared by

[Signature]

Passed by
[Signature]

Payments Received

[Signature]

SOUTHERN ROCK & AGGREGATE MINING COMPANY

Painkulam P.O., Cheruthuruthy, Thrissur, Pin-679 531

PAYMENT VOUCHER

Voucher No.:

Date : 22/11/20

Pay to..... Donation..... Date :

Particulars of Payment	Rs.	Ps.
Buy Doctor Pen to Bunker	2000	-
Kotli Saman		
Rupees	2000/-	

Prepared by

Passed by

Payment Received

m. 854782 27455 b copy and use

കുറുകി കർഷക-കർഷക തൊഴിലാളി സംഘം

സംസ്ഥാന കജ്ജി

അമ്പാടി ബിൽഡിംഗ് കൂറുപ്പം റോവ് തുക്കുർ - 1



ପ୍ରାଚୀଯାକାନ୍ତ ବାଜାରୀ

മിസ്റ്റർ ഡോ - 11-91

SOUTHERN Rock

Two
Five Thousand

Rs. 5000/- 2000/-

8

about three

S. S. Schlesinger
Washington

SOUTHERN ROCK & AGGREGATE MINING COMPANY



Painkulam P.O., Cheruthuruthy, Thrissur, Pin-679 531

PAYMENT VOUCHER

Voucher No.:

Date: 11/11/2021

Pay to: Donation

Particulars of Payment	Rs.	Ps.
Being Paid For Donation	10000	-
to Muslim League c/o Musthaf		
Party Office Fund		
Rupees.....	10000/-	

Prepared by

Passed by

Payment Received

24

Parai Chal

1/1/2021

11/11/2021

മുസ്ലീം ലീഗ്

പാതയാർ പത്രായത്ത്



കോ

2000

₹

10000/-

സംഭാവന

SOUTHERN ROCK & AGGREGATE MINING COMPANY



Painkulam P.O, Cheruthuruthy, Thrissur, Pin-679 531

PAYMENT VOUCHER

Voucher No.:

Date: 10/11/21

Pay to: Don 1707

Particulars of Payment	Rs.	Ps.
.....	3000	-
Mohandas. - 9747170396	3000/-	
Rupees.....		

Prepared by

Passed by

Payment Received



ഗ്രാമീണവായനശാല
ചെറുതുരുത്തി, ജി. നമ്പർ-1008
രംഗീതി നമ്പർ 6088
പണം അടക്കുന്ന
അല്ലെങ്കിൽ പേര് ... m/ബന്ധു എ. നാ.

തീയതി 10/11/2021

വിവരം	ക.	ഇ.
ജീവിസംഖ്യ	...	
പ്രവർത്തനപരീക്ഷ	...	
ശ്രൂതി-ഇന്ത്യൻ-വരവ്	...	
സംഭാവന	...	
കെമ്പ്യൂട്ട്യൂണിറ്റ്	3000/-	
ആകെ	3000/-	
ആകെ പരത്തിൽ	3000/-	

സ്വീകരിച്ച
Signature

SOUTHERN ROCK & AGGREGATE MINING COMPANY



Painkulam P.O, Cheruthuruthy Thissur Pin-679 531

PAYMENT VOUCHER

Date 9/10/21

Voucher No.:

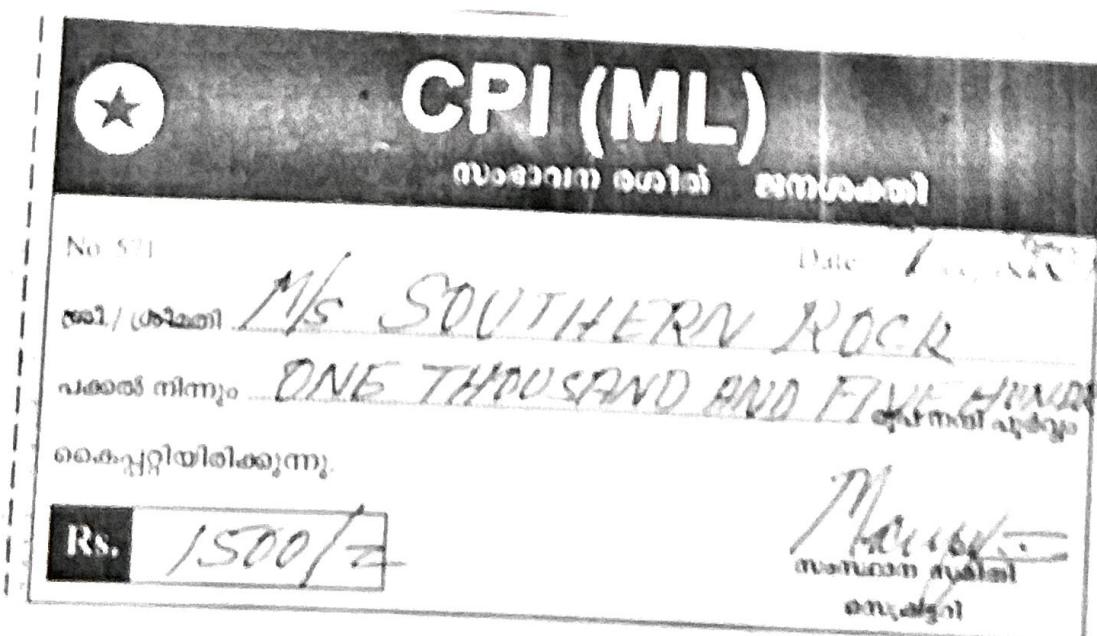
Pay to Donations

Particulars of Payment	Rs.	Rs.
Beng Donation Paulo CPI MC	1500	-
Subscr - 8281525744		
Rupees	1500/-	

Prepared by

Passed by

Payment Received
 Julie



SOUTHERN ROCK & AGGREGATE MINING COMPANY 570-524

Painkulam P.O., Cheruthuruthy, Thrissur, Pin-679 531



PAYMENT VOUCHER

Date : 11/11/2011

Voucher No :

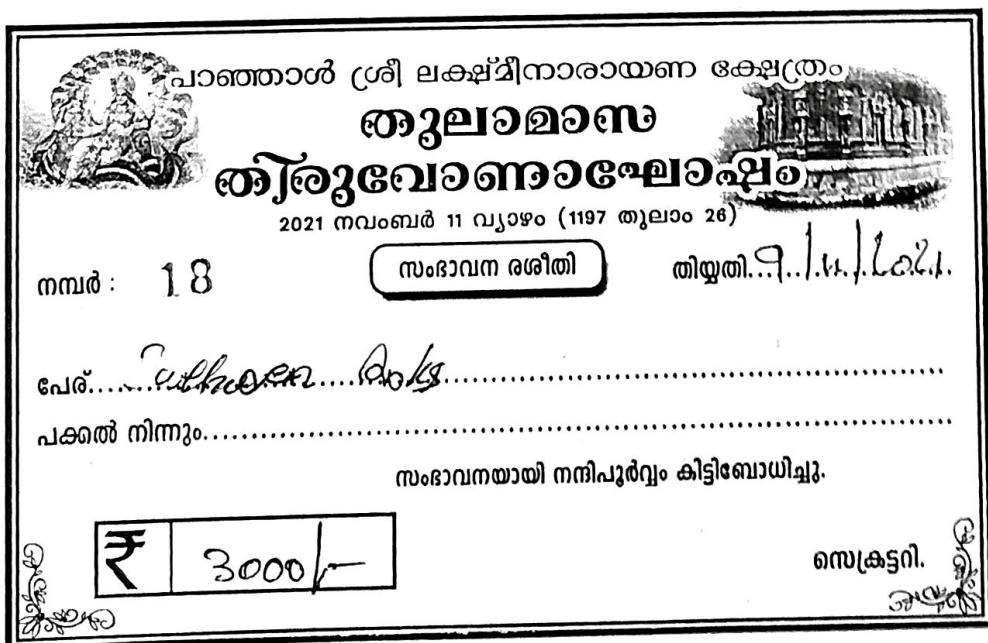
Pay to..... Donation

Particulars of Payment	Rs.	Ps.
Being Paid For Donation to Panjoli Sree Lakshmi Narayana Temple	3000	-
Rupees.....	3000/-	

Prepared by

Passed by

Payment Received



SOUTHERN ROCK & AGGREGATE MINING COMPANY

Painkulam P.O., Cheruthuruthy, Thrissur, Pin-679 531

Voucher No :

PAYMENT VOUCHER

Date : 8/11/22

Pay to Donation

Particulars of Payment	Rs.	Ps.
Being Paid 500 Donation to Bhagat Singh Paribar Po. Bagati Samadhi		
Rupees	2000	

Prepared by

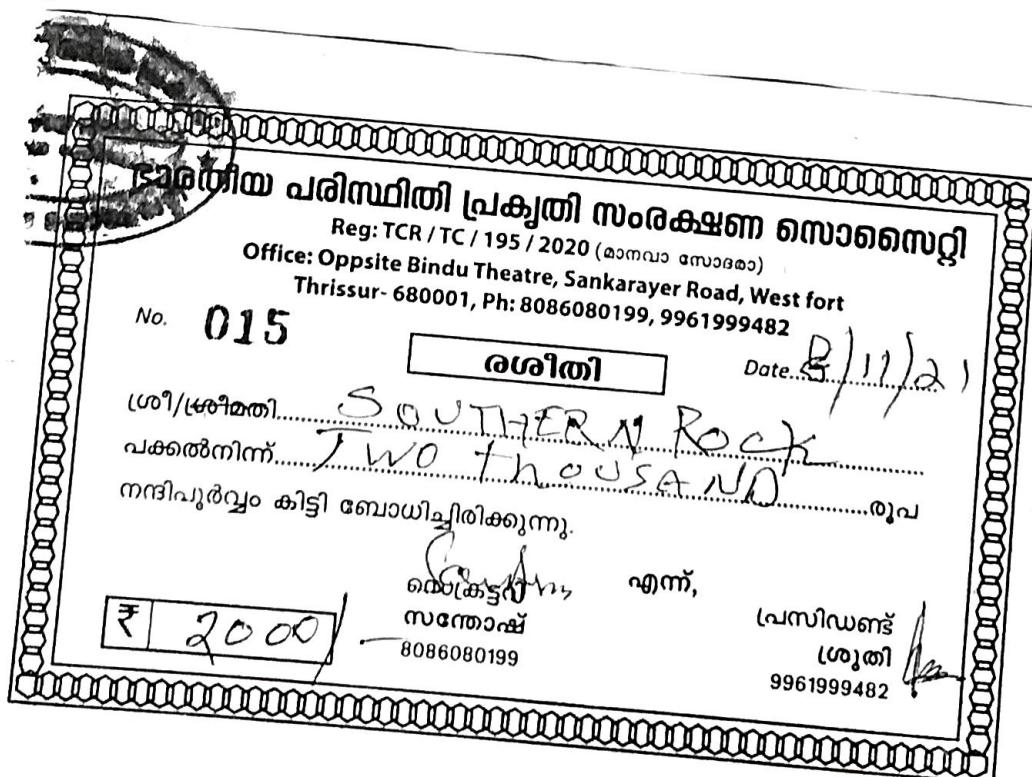
ed by



Passed by

Payment Received

100%



KERALA CONGRESS (M)

District Committee



No. 34

Donation Receipt

Date: 8/11/21

Received with thanks from Mr. S. Balakrishnan a sum of Rupees

Rupees 1000/- Only One Thousand towards

₹ 1000/-

Secretary S. Balakrishnan

SOUTHERN ROCK & AGGREGATE MINING COMPANY

Painkulam P.O., Cheruthuruthy, Thusur, Pin-679 531

PAYMENT VOUCHER

Date: 8/11/21

Voucher No:

Pay to

Donation

Particulars of Payment	Rs.	Ps.
<u>Being Paid Rs. 1000/-</u> <u>Donation</u> <u>to Kerala Congress (M)</u>	<u>1000</u>	
<u>Rupees</u>	<u>1000</u>	

Prepared by

✓

Received by

Payment Received

✓

SOUTHERN ROCK & AGGREGATE MINING COMPANY



Painkulam P.O., Cheruthuruthy, Thrissur, Pin-679 531

PAYMENT VOUCHER

Voucher No.:

Date: 2 (M) 21

Pay to..... Donation

Particulars of Payment	Rs.	Ps.
Being Paid For Donation to Janatha (Janakiya) Poorkkithi Samadhi)	2000	
Rupees..... <u>Two Thousand only</u>	2000	

Prepared by

Passed by

Payment Received

ജനകീയ പ്രക്രാംഗി സംരക്ഷണ സഹിതി

സംസ്ഥാന കമ്മറ്റി

ഐ. നമ്പർ TCR/TC/362/2014,

ഉദ്ദേശ്യ വൈത്തി

നമ്പർ: 351

മുത്തു. 2...11-21

പേര്: ശ്രീ/ ശ്രീമതി. Southern Rock

സ്ഥാപനം: T.G.R. Group. രൂപ നമ്പിലുമ്പും കെട്ടിബോധിച്ചു.

₹. 2000/-

പരിശീലനം

പരിശീലനം.

SOUTHERN ROCK & AGGREGATE MINING COMPANY



Painkulam P.O., Cheruthuruthy, Thrissur, Pin-679 531

Voucher No : 7

PAYMENT VOUCHER

Date : 29/10/2

Pay to Donation

Particulars of Payment	Rs.	Ps.
Donation to fire & Resuce Depi	6500	
Rupees.....	6500	

Prepared by

Passed by

Payment Received

SOUTHERN ROCK & AGGREGATE MINING COMPANY



Painkulam P.O., Cheruthuruthy, Thrissur, Pin-679 531

PAYMENT VOUCHER

Date : 29/10/21

Voucher No :

Pay to..... *Donation*

Particulars of Payment	Rs.	Ps.
Being Paid For Donation Vallathol Margaret Block Committee - Iqbal	5000	
	5000	
Rupees.....		Payment Received

Prepared by

Passed by

ഇന്ത്യൻ നാഷണൽ കോൺഗ്രസ്സ്

സ്കോക്ക് കമ്മറ്റി, വള്ളത്തോൻ നഗർ, തൃശ്ശൂർ

സംഭാവന സംബന്ധി

ശ്രീ/ശ്രീമതി

1950

Southern Rock

അദ്ദേഹി

തീയതി 29/10/21

₹ 5000/-

രൂപ നമ്പിപുർണ്ണ കിട്ടി ബോധിച്ചു

മന്ത്രിയ്ക്ക്

SOUTHERN ROCK & AGGREGATE MINING COMPANY



Painkulam P.O., Cheruthuruthy, Thrissur, Pin-679 531

PAYMENT VOUCHER

Voucher No.:

Date: 27/10/21

Pay to..... Donation

Particulars of Payment	Rs.	Ps.
<u>Being Paid For Donation</u> <u>to KFPSA c/o Aarsh</u>	<u>10,000</u>	
Rupees.....		<u>10,000</u>

Payment Received

Prepared by

Passed by

കേരള പ്രോഗ്രാം പ്രോട്ടക്രിവ് സാഫ് അസോസിയേഷൻ

(Reg. No. 264 GQ (P) No. 16/88/P. & ARD, TVM, Dtd. 5-4-88)



46-ം സംബന്ധാന സമ്മേളനം

പാലക്കാട് വെച്ച് - 2021 ഏക്ടോബർ 30-ാം തീയതി

തീയതി..... 28/10/21

നമ്പർ. 095

ശ്രീതി

ശ്രീ/ശ്രീമതി..... Southern Rock

പകൽ

നിന്മാണം

₹

10000

രൂപ നാലിപുത്തും കൈപ്പറ്റി.

കണ്ണവീനർ
തൃശ്ശൂർ ജില്ല

SOUTHERN ROCK & AGGREGATE MINING COMPANY

Painkulam P.O., Cheruthuruthy, Thirssur, Pin-679 531

**PAYMENT VOUCHER**

Date: 26/10/2011

Voucher No:

Pay to Donation

Particulars of Payment	Rs	Am
Being Paid for Donation to Biji Joseph - Federal Bank TFR - 87116638 c/o Riya madam	15000	
Rupees.....	15000	

Prepared by

Passed by

Payment Received

SOUTHERN ROCK & AGGREGATE MINING COMPANY

Markkannan PO, Cheruthuruthy, Thissur, Pin-679 531

PAYMENT VOUCHER

Number No.

Date : 16/10/11

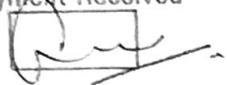
Receiv. Details

Particulars of Payment	Rs.	Ps.
Receiv. Details Panel to Kerala Village Other Information Villangalay	15000	-
Receiv.	15000/-	

Prepared by

Passed by

Payment Received



SOUTHERN ROCK & AGGREGATE MINING COMPANY

Painkulam P.O., Cheruthuruthy, Thrissur, Pin-679 531

PAYMENT VOUCHER

Date: 15/10/11

Pay to

Indian Gandhiyan Party

Particulars of Payment	Rs.	Ps.
Revg. Donations paid to Indian Gandhiyan Party	1000	-
Revg. No.		
Phi 9440088816		
Rupees	1000/-	

Prepared by

Passed by

Payment Received

[Signature]

INDIAN GANDHIYAN PARTY (IGP)

Reg No. 5655/2011, Regd office Kurukkott Building, Thekkumpadam Road
Pattikad P.O. Thrissur Dist. Kerala, Pin 680 652
Ph. 0487-2204470 0388553850

E-mail: indiangandhiyanparty@gmail.com www.Indiangandhiyanparty.com
Skype & facebook: [Indiangandhiyanparty.sivaprasad](http://www.Indiangandhiyanparty.sivaprasad)
Mahathma Gandhi Charitable Trust Reg. No. 68/4/2009
Bank A/c No. 33150020532 SBI Bank, Venkidangal



Loka Samastha
Sukino Bhavantu

Date: 15/10

Received and thanks from Sri *Sreekrishna Rock*

The sum of Rupees

1000/-

[Signature]
Secretary

Sec 80 GGC Income Tax Deductions Available for contribution to the political party (whole amount)
"മൊക്കുമ്പെടുത്തുവാൻ കൂടാതെ"

SOUTHERN ROCK & AGGREGATE MINING COMPANY

Painkulam P.O., Cheruthuruthy, Thrissur, Pin-679 531

PAYMENT VOUCHER

Voucher No.:

Date: 15/10/21

Pay to Donation

Particulars of Payment	Rs.	Ps.
Bar Donation Panel to CPIM Panjal Local Samajam Panel to Mr. Chandran P. 12	20000	-
Rupees.....	20000/-	

Prepared by

Passed by

Payment Received



61-14

ବାନ୍ ଅଧିନିୟମ ୨୫୨

THE MINES ACT 1952

MANAGER'S SECOND CLASS CERTIFICATE OF COMPETENCY
TO MANAGE A METALLIFEROUS MINE

(विवरण वा विविध 1993 के अनुसार)

(Under the Miscellaneous Mines Regulations, 1961)

कुरुक्षेत्र एवं दक्षत वर्णन। तक्ष की शोषिति।
(Constrained to mines having open-cast working only.)

फ्रिंस अन्नाहम् । दी

Prince Bharatam - 9

born on 09th October, 1978 possessing a Degree in Mining Engineering approved under Regulation 16 and on completion of the prescribed experience is hereby granted MANAGER'S SECOND CLASS CERTIFICATE OF COMPETENCY to manage a metalliferous mine having opencast workings only. This Certificate is effective from 30.08.2002



三

प्रस्तुति द्वारा देखें

Members of the Board of
Moral Education.

Sign and Seal
Date: 19

09 SEP 2002

1900 France

April 1

四百一十五

卷之三

मान्य रामेश्वर जी
Chairman of the Board of
Studies, Examinations.



KERALA STATE POLLUTION CONTROL BOARD

FILE NO. :PCB/TSR/ICO/R15TRI1264211/2022

Date of issue :2022-07-07

CONSENT VARIATION ORDER

Consent No : PCB/DO/TSR/R5/ICO/804/2022

Ref : 1) Your online application no.17841270 dated 03-06-2022.

2) Consent No. PCB/DO/TSR/R5/ICO/804/2020 issued on 18/09/2020 valid up to 04/12/2021.

The ' Integrated Consent to Operate' issued as per reference above to M/s Southern Rock & Aggregate Mining Company(Quarry), Painkulam P.O., Cheruthuruthy, Thrissur-679531 is hereby modified & issued to M/s Southern Rock & Aggregate Mining Company (Quarry), Painkulam P.O., Cheruthuruthy, Thrissur-679531. 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	Validity	30.06.2025
2	Capital Investment	Rs.483.75 lakhs
3	Annual Fee	Rs.40,000/-
4	Survey Numbers	1027P,1028P,1029P,1030P,1019/3,1019/4,1019/5,1019/6,1019/7,1021/6,1021/8,1021/9 of Painkulam village

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

DATE :07/07/2022

SIGNATURE & SEAL OF ISSUING AUTHORITY
ENVIRONMENTAL ENGINEER



To

Sri.T Mathew Abraham,
Thekkummoottil House,
Vallamkulam P.O.,
Thiruvalla,
Pathanamthitta-689541.

- 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.



ലൈസൻസ് നമ്പർ : C3-C3/846/2019/2019-20 .. 114

തീയതി : 09/04/2019

പാണ്ടാശ്ശ ശാമപ്പണ്ഡായത്തിൽനിന്നും

1994ലെ കേരള പഞ്ചായത്ത് രാജ് ആക്ക് (1994ലെ 13) 232, 233, 234, 254 എന്നീ വകുപ്പുകളും

അതേ തുടർന്നുള്ള ചട്ടങ്ങളും അനുസരിച്ച്

മാക്ടറികൾ, വ്യാപാരങ്ങൾ, സംരംഭങ്ങൾ, മറ്റു സേവനങ്ങൾ എന്നിവയ്ക്കായി നൽകുന്ന

ലൈസൻസ്

ലൈസൻസിയുടെ പേരും മേൽപ്പിലാസവും	ടി.മാത്യു എബ്രാഹിം, സതോൺ റോക്സ് & ആഗ്രിഗേറ്റ് മെനിംഗ് കമ്പനി, പ്രകുളം		
സ്ഥാപനത്തിന്റെ പേരും സ്ഥലനാമവും	സതോൺ റോക്സ് & ആഗ്രിഗേറ്റ് മെനിംഗ് കമ്പനി.		
ലൈസൻസ് നൽകിയിട്ടുള്ള പ്രവർത്തനങ്ങൾ	470 എച്ച് പിഎപ്പ് ഉപയോഗിച്ച് ക്രാറി & ക്രഷർ നടത്തുന്നതിന്		
കെട്ടിടത്തിന്റെ നമ്പർ വാർഡ് നമ്പർ	15 / 432C		
ലൈസൻസ് കാലാവധി	01-04-2019 മുതൽ 31-03-2024 വരെ		
ബാണിക്കുറിയ ലൈസൻസ് നമ്പർ	500,000 + 23,500/- രൂപ	രസീത് നമ്പർ	
		118020104637 തീയതി 20-03-2019	1250 + 1250
ബാണിക്കുറിയ ലൈസൻസ് നമ്പർ	തൊഴിൽക്കരം		
ബാണിക്കുറിയ ലൈസൻസ് നമ്പർ	<ol style="list-style-type: none"> മലിനികരണനിയന്ത്രണ ബോർഡിൽനിന്നുള്ള അനുമതി ... PCB/TSR/IC/206/07 ... 12-08-2018 ജില്ലാ കള്ക്കടറുടെ / ചീഫ് കൺട്രോളർ ഓഫ് എക്സ്പ്രോസിവിന്റെ അനുവാദപത്രം മെനിംഗ് & ജിയോളജി വകുപ്പിൽനിന്നുള്ള അനുമതി സൈറ്റ് എൻവയേൺമെന്റൽ ഇംപാക്ട് അസസ്മെന്റ് അതോറിറ്റിയുടെ അനുമതി പാറ പൊട്ടിക്കുന്ന ആളുടെ വൈദഗ്ധ്യം സംബന്ധിച്ച സാക്ഷ്യപത്രം 		

(ബാണിക്കുറിയ ലൈസൻസ് നമ്പർ)



ബാണിക്കുറിയ ലൈസൻസ് നമ്പർ
പാണ്ടാശ്ശ ശാമപ്പണ്ഡായത്ത്
SECRETARY
PANCHAYAT GRAMAPANCHAYATH



भारत सरकार | Government of India
 वाणिज्य और उद्योग मंत्रालय | Ministry of Commerce & Industry
 पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पेसो) | Petroleum & Explosives Safety Organisation (PESO)
 पूर्व नाम- विस्फोटक विभाग | Formerly- Department of Explosives
 केन्द्रीय भवन, ब्लॉक सी-2, तीसरी मंजिल | Kendriya Bhavan, Block C-2, 3rd Floor
 CSEZ पी ओ कक्कानाड कोच्ची | CSEZ PO Kakkannad Dist. Ernakulam Ernakulam 682037
 फ़ोन (Phone): 2427286 | फैक्स (Fax): 2427276
 ई-मेल Email: dyceernakulam@explosives.gov.in

17 FEB 2020

दिनांक (Date): 05/02/2020

संख्या (No.): E/SC/KL/22/867(E40147)

संवाद में | To,

Shri T. Mathew Abraham, Prop. Southern Rock & Aggregate Mining Company,
 Painkulam P.O. (Via) Cheruthuruthy, Taluk - Talappilly, Town/Village - Painkulam
 District - TIRISSUR, State - Kerala, Pincode - 679531

विषय: Survey No(s) 1034, ग्राम Painkulam, Thalapilly taluk, ज़िला TIRISSUR, राज्य Kerala में विस्फोटक के मैगजीन में उपयोग के लिए कब्जा हेतु विस्फोटक नियम, 2008 के अंतर्गत LE-3 में जारी अनुज्ञापि सं E/SC/KL/22/867(E40147) के नवीनीकरण संदर्भ में।

Subject: Possession for Use of Explosives from magazine situated at Survey No(s). 1034, Painkulam, Thalapilly taluk, Dist. TIRISSUR, Kerala - Licence No.: E/SC/KL/22/867(E40147) granted in Form LE-3 of Explosives Rules, 2008 - Renewal regarding

महोदय | Sir,

आपका उपर्युक्त विषय पर पत्र संख्या Nil दिनांक 05/02/2020 का संदर्भ ग्रहण कर। विस्फोटक नियम, 2008 के अंतर्गत प्ररूप LE-3 में जारी अनुज्ञापि दिनांक 31/3/2025 तक नवीनीकृत कर इस पत्र के साथ भेजी जा रही है।

Reference to your letter No.: Nil dated: 05/02/2020, the subject licence duly renewed upto 31/3/2025 and issued in Form LE-3 of Explosives Rules, 2008 is forwarded herewith.

अनुज्ञापि के आगामी नवीकरण हेतु कृपया निम्नलिखित दस्तावेज दिनांक 31/3/2025 से पहले इस कार्यालय को भेजे जाएं।

For further renewal of licence, please submit the following documents so as to reach this office on or before 31/3/2025.

- प्ररूप आरई-1 में विधिवत पूर्ण एवं हस्ताक्षरित आवेदन।
 Application in Form RE-1 duly filled in and signed.
- एक से पाँच वर्ष के अनुज्ञापि शुल्कों का, विस्फोटक नियम, 2008 के तहत ऑनलाइन आवेदन पोर्टल पर उपतब्य ई-भुगतान सुविधा के माध्यम से टाइसेंस शुल्क ऑनलाइन जमा किया जाना है।
 Licence fees renewable for one to five years, to be submitted online through e-payment facility available on online application portal under the Explosives Rules, 2008.
- अनुमोदित प्लान के साथ मूल अनुज्ञापि।
 Original licence with approved plan.
- कृपया इस संबंध में विस्फोटक नियम, 2008 के नियम 112 का भी संदर्भ प्रहण करें।
 In this connection, please also refer to Rule 112 of Explosives Rules, 2008.
- विस्फोटकों के क्रय हेतु आरई-11 में मांगपत्र (इंडेट) आपूर्तिकर्ता को दिया जाए और उसी की एक प्रति इस कार्यालय को भेजी जाए (आतिशबाजी गोदाम के लिए लागू नहीं)।
 Indent for purchase of explosives shall be placed in RE-11 with the supplier and copy of the same shall be sent to this office (Not applicable for fireworks store house)
- कृपया विस्फोटकों की त्रैमासीक विवरणी हर तिमाही के अंत में आरई-7 में प्रस्तुत की जाए। विवरणी इस कार्यालय के कार्यालय में आगामी तिमाही के 10 तारीख से पहले पहुंच जानी चाहिए (आतिशबाजी गोदाम के लिए लागू नहीं)। Please submit quarterly returns of explosives in RE-7 at the end of every quarter so as to reach this office by 10th of the succeeding quarter. (Not applicable for fireworks store house)
- सभी ब्लास्टिंग आपरेशन एक सक्षम द्वारा की जाएगी जो उपरोक्त नियमों के तहत एक वैध शॉट फायर प्रमाणपत्र धारक हो। हालांकि, खान अधिनियम 1952 के अधीन आने वाले खानों में ब्लास्टिंग आपरेशन करने वाले ब्लास्टर की योग्यता उसी अधिनियम से निर्धारित हो।
 All blasting operations shall be carried out by a competent person holding a valid shot firer's permit granted under above rules. However, blasting operations in mines coming under the purview of the Mines Act 1952, the blaster shall have qualifications prescribed in the regulations framed under the said Act.

मरवीदीय | Your's faithfully

(आर. वेणुगोपाल | Dr. R. Venugopal)

उप मुख्य विस्फोटक नियंत्रक | Deputy Chief Controller of Explosives

कोच्ची | Ernakulam

उप मुख्य विस्फोटक नियंत्रक

प्रांतीलोपे प्रांथेत | Copy Forwarded to:

1. ज़िला मार्जिस्ट्रेट (District Magistrate), TIRISSUR (Kerala)- सूचना के लिए जारी किया गया। (For information)

एरनाकुलम ई-लाइफ मुख्य विस्फोटक नियंत्रक | Deputy Chief Controller of Explosives

कोच्ची | Ernakulam

(आधिक जानकारी जैसे आवेदन की स्थिति, शुल्क आदि के लिए हमारी वेबसाइट <http://peso.gov.in> देखें।)
 (For more information regarding status, fees and other details please visit our website <http://peso.gov.in>)

अनुज्ञाप्ति 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 अनुज्ञाप्ति

Licence to possess : (c) for use, explosives of class 1, 2,3,4,5,6 or 7 in a magazine

अनुज्ञाप्ति सं. (Licence No.) : E/SC/KL/22/867(E40147)

वार्षिक फीस रुपए (Annual Fee Rs): 2400/-

1. Licence is hereby granted to

Shri T.Mathew Abraham.Prop. Southern Rock & Aggregate Mining Company (अधिभोगी / Occupier : T.Mathew Abraham), Painkulam P.O. (Via.) Cheruthuruthy, Taluk -Talappilly, Town/Village - Painkulam, District-THRISSUR, State-Kerala, Pincode - 679531

को अनुज्ञाप्ति अनुदत्त की जाती है।

2. अनुज्ञाप्तेधारी की प्राप्तिते | Status of licensee : Individual

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

4. अनुज्ञाप्ति 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	1500 Mtrs
3.	Ordinary Detonator	6,3	0	2000 Nos.
4.	Electric Detonators	6,3	0	3000 Nos.

(ख) किसी एक कलैंडर मास में खरीदे जाने वाले विस्फोटक की मात्रा [अनुच्छेद 3(ख) और (ग) के अधीन अनुज्ञाप्ति के लिए]

(b) Quantity of explosives to be purchased in a calendar month [applicable for licence under article 3(b) and (c)]: : 20 times as above.

5. निम्नलिखित रेखाचित्र (रेखाचित्रों) से अनुज्ञाप्त परिसर की पुष्टि होती है।

The licensed premises shall conform to the following drawing(s). : रेखाचित्र क्र. (Drawing No.) E/SC/KL/22/867 : (E40147) : दिनांक (Dated) 19/03/2007

6. अनुज्ञाप्ति परिसर निम्नलिखित पते पर स्थित है। The licensed premises are situated at following address:

Survey No(s). 1034, ग्राम (Town/Village) : Painkulam, Thalappilly पुलस्ताना (Police Station) : Cheruthuruthy

जिला (District) : THRISUR राज्य (State) : Kerala पिनकोड (Pincode) : फैक्स (Fax)

दूरभाष (Phone)

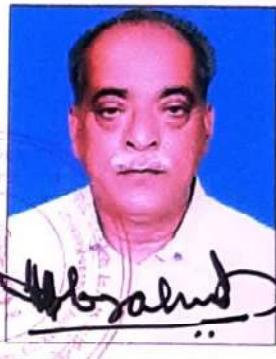
ई. मेल (E-Mail)

7. अनुज्ञाप्ति परिसर में निम्नलिखित सुविधाएं अंतर्विष्ट हैं। The licensed premises consist of following : three Portable Explosives Magazines of A & S type and D type (524) fabricated by M/s. Thakkans & Industrial Explosives Ltd

8. अनुज्ञाप्ति समय – समय पर यथासंशोधित विस्फोटक अधिनियम, 1884 और उनके अधीन विरचित विस्फोटक नियम, 2004 के उपबंधो, शर्तों और अतिरिक्त शर्तों और निम्नलिखित उपाबधों 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, स्त्रिमाण संबंधी और अन्य विवरण दर्शित करते हुए)। Drawings (showing site, constructional and other details) as stated in serial No. 5 above.
- अनुज्ञाप्ति प्राधिकारी द्वारा हस्ता क्षरित इस अनुज्ञाप्ति की शर्तें और अतिरिक्त शर्तें। Conditions and Additional Conditions of this licence signed by the licensing authority.
- दूरी प्ररूप DE-2 | Distance Form DE-2.

9. यह अनुज्ञाप्ति तारीख 31 मार्च 2009 तक विधिमान्य रहेगी। This licence shall remain valid till 31st day of March 2009.



वह अनुशासि, अधिनियम या उसके अधीन विरचित नियमों या अनुसूची V के भाग 4 के प्रति निर्दिष्ट सेट- VII के अधीन लॉ उपर्याप्त इस अनुज्ञापि की शर्तों का अधिक्रमण करने या यदि अनुशासि परिसर योजना या उससे संलग्न उपबंध में दर्शित विवरण के अनुसूच नहीं पाए जाने पर निलंबित या प्रतिसंहत की जा सकती है, जहां वह लागू हो। This licence is liable to be suspended or revoked for any violation of the Act or Rules framed there under or the conditions of this licence as set forth under Set VIII, wherever applicable, referred to in Part 4 of Schedule V or if the licensed premises are not found conforming to the description shown in the plans and Annexure attached hereto.

Sd/-

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

Amendments :

- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 19/07/2011
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 05/02/2013
- Amendment in Drawings/Facilities/Premises dated : 05/02/2013
नवीनीकरण के पृष्ठाकान के लिए स्थान
Space for Endorsement of Renewal

नवीकरण की तारीख
Date of Renewal

समाप्ति की तारीख
Date of Expiry

अनुशासन प्राधिकारी के हस्ताक्षर और स्टाम्प
Signature of licensing authority and stamp

05/02/2020 31/03/2025

Dy. Chief Controller of Explosives, Ernakulam

उप मुख्य विस्फोटक नियंत्रक
Deputy Chief Controller of Explosives
एरनाकुलम Ernakulam

कानूनी चेतावनी : विस्फोटकों को गलत होना से चलाने या उनका दुरुपयोग विधि के अधीन गंभीर दांडिक अपराध होगा।

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

मैगजीन में वर्ग 1,2,3,4,5,6, और 7 के विस्फोटकों को लिखी या प्राप्तोग हेतु रखने के लिए प्ररूप एल.ई. ३ (अनुच्छेद ३ (ख) से (ग)) में मुख्य विस्फोटक नियंत्रक या विस्फोटक नियंत्रक द्वारा प्रदान किए जाने वाले अनुशास्ति सं. E/SC/KL/22/867(E40147) की शर्तें निम्नलिखित हैं।

The following are the conditions of licence number E/SC/KL/22/867(E40147) to possess for sale or use, explosives of Class 1,2,3, 4, 5, 6 and 7 in a magazine in Form LE-3 (articles 3(b) to (c)) granted by Chief controller of Explosives or Controller of Explosives.

- परिसर में किसी भी समय विस्फोटकों की मात्रा अनुशासन योग्य सामर्थ्य से अधिक नहीं होगी ।
The quantity of explosives on the premises at any one time shall not exceed the licensable capacity.
- विस्फोटकों के भंडारण के लिए प्रयुक्तर होने वाली मैगजीन अनुसूची III और अनुशास्ति के उपावध में विनिर्दिष्ट सुरक्षा दूरी बनाए रखना होगा।
The magazine used for storage of explosives shall maintain safety distance specified in Schedule III and annexure to the licence.
- मैगजीन का प्रयोग उन सभी विस्फोटकों के, जो इस अनुशास्ति में विनिर्दिष्ट हैं, रखे जाने के लिए और ऐसे रखे जाने से संबंध आधान या औजार या उपकरणों के रखे जाने के लिए ही किया जाएगा, अन्यथा नहीं ।
The magazine shall be used only for keeping all explosives specified in this licence and of receptacles for, or tools or implements for work connected with the keeping of such explosives.
- पैकजों का खोलने का कार्य और विस्फोटकों को तोलने तथा पैक करने का कार्य मैगजीन में नहीं किया जाएगा ।
The opening of packages and the weighing and packing of explosives shall not be carried on in the magazine.
- दो या दो से अधिक वर्णन के विस्फोटकों को, जिन्हें मैगजीन में रखे जाने की अनुशा दी जा सकती है, मैगजीन में तभी रखे जाएंगे जब उनमें से प्रत्येक को, ऐसे प्रदार्थ या स्वरूप का कोई मध्यवर्ती विभाजक लगाकर या उनके बीच ऐसा मध्यवर्ती स्थान छोड़कर, परस्पर पृथक कर दिया जाए कि किसी वजह से विस्फोटक में लगाने वाली आग या होने वाला विस्फोट किसी अन्य वर्णन के विस्फोटक तक न पहुंच सके : परंतु –
(घ) २ (नाइट्रेट मिश्रण), वर्ग ३ (नाइट्रो योगिक) के विभिन्न विस्फोटक, वर्ग ६ प्रथम प्रभाग के अंतर्गत आने वाले सुरक्षा पलीते और वर्ग ६ प्रभाग २ के अंतर्गत आनेवाले विस्फोटक प्रेरक पलीते, जिनमें कोई खुला लोहा या इस्पात नहीं है, एक दूसरे के साथ बिना किसी मध्यवर्ती विभाजक या स्थायन के रखे जा सकते हैं ।
(ड) वर्ग ६ प्रभाग ३ के अंतर्गत आनेवाले विस्फोटक प्रेरक अलग रखे जाएंगे ।
(च) वर्ग १ के अंतर्गत आने वाले बारूद को अलग रखा जाएगा ।
Two or more description or explosives which may be permitted to be kept in the magazine shall be kept only if they are separated from each other by an intervening partition of such substance or character, or by such intervening space, as will effectually prevent explosion or fire in the one communicating with the other; Provided that—
(d) the various explosives of Class 2 (nitrate-mixture), Class 3 (nitro-compound), safety fuses belonging to Class 6 Division 1 and detonating fuses belonging to Class 6 Division 2 as do not contain any exposed iron or steel, may be kept with each other without any intervening partition or space ;
(e) Detonators belonging to Class 6 Division 3 shall be kept separately.
(f) Gun powder belonging to Class 1 shall be kept separately.
- वर्ग ३ (नाइट्रो योगिक) के विस्फोटकों को, उनके विनिर्माण की तारीख से एक वर्ष बीत जाने के पश्चात सिवाय अनुशासन प्राधिकारी की विशेष मंजूरी के मैगजीन में नहीं रखा जाएगा ।
Explosives of Class 3 (nitro compound) shall not be kept in the magazine after the expiration of one year from the date of their manufacture except with the special sanction of licensing authority.
- वर्ग ३ (नाइट्रो योगिक) के विस्फोटकों को, उनके विनिर्माण की तारीख से एक वर्ष बीत जाने के पश्चात मैगजीन में तभी रखा जाएगा जब कि किसी विस्फोटक नियंत्रक ने इसके लिए विशेष मंजूरी दे दी हो ।
(i) जब ऐसी मंजूरी दे दी गई हो तो प्रत्येक निरीक्षण पर किसी विस्फोटक नियंत्रक से ऐसा लिखित प्रमाणपत्र अभिप्राप्त कर लिया जाए जिसमें दी गई मंजूरी के अंतर्गत आनेवाली अवधि दर्शित की गई हो और ऐसे प्रमाणपत्र के अनुशास्ति अपने पास रखेगा और मांग की जाने पर प्रस्तुत करेगा ।
(ii) जब कोई विस्फोटक मानक सुधृदता का न रह जाने के कारण या द्रवणीकरण या नाइट्रो ग्ली अरारीन या द्रव नाइट्रो योगिक के निकल जाने के चिह्न प्रकट होने के कारण मैगजीन में भण्डारित किए जाने के उपयुक्त नहीं रह जाता है तो अनुशास्ति अधारी अपने ही व्यय पर ऐसे विस्फोटक के निपटारे के लिए ऐसे निदेशों का अनुपालन करेगा जो मुख्य नियंत्रक या विस्फोटक नियंत्रक जारी करें ।
Explosives of Class 3 (nitro compound) shall not be kept in the magazine after the expiration of one year from the date of their manufacture except with the special sanction of the Controller of Explosives.
- (i) When such sanction has been given, a written certificate showing the period covered by the sanction shall be obtained from the Controller of Explosives at each inspection, and shall be kept by the licensee and produced on demand.
(ii) When an explosive owing to its being no longer of standard purity or owing to signs of liquefaction or of exuded nitro-glycerin or liquid nitro-glycerin or liquid nitrocompound is no longer fit for storage in the magazine or store house the licensee shall comply, at his own expense, with such directions as to its disposal as the Chief Controller or Controller of Explosives may issue.
- मैगजीन के भीतरी भाग या उसमें लगी बैंचों, शेल्फों और उसको फिटिंग का इस प्रकार सन्त्रिमण किया जाएगा या उन्हें इस प्रकार अंतरित या अवतरित किया जाएगा कि विस्फोटक का किसी लोहे या इस्पात के साथ संपर्क रोका जा सके । भीतरी भाग में लगी बैंचे, शेल्फे और फिटिंग यथासाध्य ग्रिट से मुक्त एवं साफ रखे जाएंगे तथा ऐसे विस्फोटक, जो जल से खतरनाक रूप में प्रभावित हो सकते हैं, इस बाबत सामयक सावधानी बरती जाएगी कि वहां कोई जल मौजूद न रहे : परंतु किसी लोहे या इस्पात के खुले होने के विरुद्ध सावधानी से संबंधित इस शर्त का वह भाग ऐसे किसी भवन में बाथेकर नहीं होगा जिसमें वर्ग ६ (गोला बारूद) के प्रथम के विस्फोटक से गिन्न कोई विस्फोटक रखा गया है ।

The interior of the magazine and the benches, shelves and fittings therein shall be so constructed or so lined or covered as to prevent the exposure of any iron or steel contact with the explosives. Such interior, benches, shelves and fittings shall so far as is reasonably practicable, be kept free from grit and shall otherwise be clean; and in the case of any explosives liable to be dangerously affected by water, due precautions shall be taken to exclude water there from; Provided that so much of this condition as relates to precautions against the exposure of any iron or steel shall not be obligatory in a building in which no explosive other than explosive of the 1st Division 6th (Ammunition) Class is kept.

9. यदि तडित चालक का परीक्षण विस्फोटक नियंत्रक करता है तो अनुशासिधारी ऐसे परीक्षण के लिए विहित फीस का संदाय करेगा यदि परीक्षण असाधानकारी साबित होता है तो उतनी ही फीस अनुशासिधारी द्वारा पथात्वर्ती प्रत्येक परीक्षण के लिए तब तक दी जाती रहेगी जब तक कि परीक्षण अधिकारी तडित चालक को समाधानप्रद घोषित नहीं कर देता : परंतु किसी एक परीक्षण के लिए देय फीस किसी एक दिन के दौरान किसी चालक के किए गए सभी परीक्षणों के लिए प्रभार्य होगा :

परंतु यह और कि यदि दो या अधिक तडित चालक एक ही मैगजीन से संबद्ध हैं तो ऐसे सभी चालकों के परीक्षण के लिए फीस ऐसी किसी फीस से अधिक नहीं होगी जो किसी एक तडित चालक के परीक्षण के लिए हर स्थिति में विहित की गई है ।

If the lighting conductor is tested by the Controller of Explosives, the licensee shall pay the fees prescribed for test. In the event of the test proving unsatisfactory, the same fees shall be payable by the licensee for each subsequent test until the lighting conductor is passed by the testing officer as satisfactory:

Provided that the fees payable for a single test shall be charged for all tests made on a conductor during any one day :

Provided further that where two or more lighting conductors are attached to one and the same magazine, the fee for the testing of all such conductors shall not exceed the fee prescribed in this condition for testing a single lighting conductor.

10. उपयुक्त तथा जेब रहित कार्यकरण वस्तों, उपयुक्त जूतों के प्रयोग द्वारा तथा तलाशी लेकर या अन्यथा अथवा ऐसे किन्हीं साधनों द्वारा इस बाबत सम्यक उपबंध किया जाएगा कि फैक्ट्री परिसर में अग्नि, दियासलाई अथवा ऐसी कोई वस्तुएँ या पदार्थ, जिससे विस्फोट हो सकता है या आग लग सकती हो, किन्तु इस शर्त के कारण ऐसी संरचना, स्थिति या स्वरूप में किसी कृत्रिम वर्ती का प्रवेश वर्जित नहीं है जिससे आग लगने या विस्फोट होने का खतरा न हो : परंतु इस शर्त का वह भाग, जो लोहे या इस्पात के अपवर्जन को लागू होता है, ऐसे किसी भवन के संबंध में बाध्य कर नहीं होगा जिससे भिन्न कोई विस्फोटक नहीं रखा गया है ।

Due provisions shall be made, by the use of suitable working clothes without pockets, suitable shoes and by searching or otherwise or by such means, for preventing the introduction into danger area of the factory premises of fire, Lucifer matches or any substance or article likely to cause explosion or fire, but this condition shall not prevent the introduction of an artificial light of such construction, position or character as not to cause any danger of fire or explosion:

Provided that so much of this condition as applies to the exclusion of iron or steel, shall not be obligatory in a building in which no explosive other than an explosive of the 1st Division of the 6th (Ammunition) Class is kept.

11. अनुशासिधारी प्ररूप आर.ई.-3 और आर.ई.-4 या आर.ई.-5, जैसी स्थिति हो, में सभी विस्फोटकों का अभिलेख और लेखा रखेगा और विस्फोटक नियम, 2008 के अधीन प्राधिकृत किसी भी अधिकारी के समक्ष उसके द्वारा ऐसा करने की मांग की जाने पर स्टाक पुस्तक और अभिलेख प्रस्तुत करेगा । स्टाक पुस्तक विहित प्रोफार्म में पृष्ठ संख्यांकित होगी ।

The licensee shall keep records and accounts of all explosives in Forms RE-3 and RE-4 or RE-5, as the case may be, and exhibit the stock books and records to any of the officers authorised under the Explosives Rules, 2008 whenever such officer may call upon him to do so. The stock books in the prescribed proforma shall be page numbered.

12. परिसरों में कोई परिवर्तन या तबदीली अनुशासन प्राधिकारी के पूर्वानुमोदन बिना नहीं की जाएगी और अनुशासिधारी ऐसी किसी शर्त का अनुपालन करेगा जो इस नियम अनुशासन प्राधिकारी विनिर्दिष्ट करें ।

No changes or alterations shall be carried out to the premises without prior approval of the licensing authority and the licensee shall comply with any condition that may be specified by the licensing authority in this behalf.

13. मैगजीन सभी रामगयों पर अच्छी ग्राम्यत की स्थिति में बनाई रखी जाएगी (या अच्छी हालत में बनाई रखी जाएगी) यदि किसी कारणवश किसी विस्फोटक के भण्डारण के लिए मैगजीन अनुपयुक्त हो जाती है तो अनुशासिधारी इस बात की सूचना अनुशासन प्राधिकारी को तुरंत देगा ।

Magazine shall at all times be kept in state of good repair (or maintained in good condition). The licensee shall report to licensing authority forthwith, if the magazine becomes unfit for storage of any explosives for any reason whatsoever.

मैगजीन का अनुशासिधारी इन नियमों के नियम 24 के उप-नियम 3 के अनुसार त्रैमासिक विवरणी प्रस्तुत करेगा ।

The licensee of the magazine shall submit quarterly return as per sub-rules (3) and (4) of rule 24 of these rules.

14. यदि सुरक्षा दूरी का कोई अधिकमण होता है तो उसकी सूचना अनुशासन प्राधिकारी को आवश्यक सलाह और कार्यवाही के लिए तुरंत दी जाएगी ।

Any encroachment of the safety distance shall be immediately communicated to the licensing authority for necessary advice and action.

15. यदि कोई विस्फोटक विनष्ट हुआ अथवा अनुपयोगी जाया जाता है तो उसकी सूचना अनुशासन प्राधिकारी को, सलाह प्राप्त करने के लिए तुरंत दी जाएगी ।

The licensing authority shall be immediately informed for advice if any explosive is found deteriorated or unserviceable.

16. विस्फोटकों के पैकेटों के चट्टे इस प्रकार लगाए जाएंगे कि कम से कम एक व्यक्ति भण्डार किए गए सभी पैकेजों की हालत की जाव करने और प्रत्येक पैकेज की विनिर्माण विशिष्टियों को पढ़ने के लिए उनके बीच से होकर आ जा सके ।

The explosive packages shall be stocked in such a way so as to allow movement of at least one person to check the condition of all packages stored and to read the manufacture particulars of each package.

तडित चालकों की भूमि के लिए प्रतिरोध यथासंभव न्यूनतम होगा और किसी भी दशा में 10 ओह्म से अधिक नहीं होगा ।

17. मैगजीन के चारों ओर 15 मीटर की दूरी के अंतर्गत कोई शुल्क घास या झांडी या ज्वलनशील सामग्री नहीं रखने दी जाएगी ।

A distance of 15 meters surrounding the magazine or store house shall be kept clear of dried grass or bush or flammable materials.

18. विस्फोटकों के प्रत्येक पैकेट की, जब उसे मैगजीन के भीतर तिया जा रहा हो, ठीक दशा जानने के लिए परीक्षा की जाएगी । Every package of explosive at the time of bringing inside the magazine shall be examined for its sound condition.

19. किसी मैगजीन / भंडारणगृह में किसी एक समय में चार व्यक्तियों से अधिक को नहीं रहने दिया जाएगा । Not more than 4 persons shall be allowed inside the magazine or store house at any one time.

20. विस्फोटकों के खाली पैकेटों को शीघ्रतिशीघ्र वहां से हटा दिया जाएगा और नष्ट कर दिया जाएगा । Empty packages of the explosives shall be removed at the earliest and destroyed. ।

21. अनुशासितधारी और कर्मचारीयों को परिसर के भीतर आपातकात के दौरान की जाने वाली प्रक्रियाओं से अवगत होना चाहिए । The licensee and the employee shall be conversant with procedure to be taken during the emergency within the premises.

22. निरीक्षण या नमूना अधिकारी को सभी युक्तियुक्त समयों पर अनुशास विस्फोटक समयों के उपबंधों और सुरक्षा स्थितियों को सम्यकतः अनुपालन किया जा रहा है । Free access to the licensed premises shall be given at all reasonable times to any inspecting or sampling officer and every facility shall be afforded to the officer for ascertaining that the provisions of the Act and these rules and the safety conditions are duly observed.

23. यदि अनुशासन प्राधिकारी या विस्फोटक नियंत्रक अनुशासितधारक को अनुशास विस्फोटक समयों के उपबंधों और सुरक्षा स्थितियों को सम्यकतः अनुपालन किया जा रहा है । If the licensing authority or a Controller of Explosives informs in writing, the holder of the licence to execute any repairs or to make any additions or alterations to the licensed premises or machinery, tools or apparatus or carry out recommendations, which are in the opinion of such authority may pose unacceptable risk and so necessary for the safety of either on-site or off-site of the premises or persons, the holder of the license shall execute the recommendations and report compliance within the period specified by such authority.

24. अनुशासितधारी मैगजीन में रखने और बिक्री के लिए प्राधिकृत विस्फोटक सूची में उल्लिखित अनुशास फैक्ट्री या कंपनी से प्राधिकृत विस्फोटक / आतिशबाजी या सुरक्षा पतीते खरीदेगा । The licensee shall purchase authorised explosives/ fireworks or safety fuse as mentioned in the list authorised explosives from a licensed factory or company for possession and sale from the magazine.

25. निम्न से अधिक ध्वनि स्तर उत्पादित करने वाले आतिशबाजियों पटाखों की बिक्री और रखने के लिए –
 (क) जो फटने की जगह से चार मीटर की दूरी पर है, 125 डी.बी.(ए) या 145 डी.बी.(सी)पी.के. प्रतिबंधित होगे;
 (ख) श्रेष्ठतम् (जुड़े हुए पटाखे) को गठन करने वाले व्यक्तिगत पटाखों के लिए उपर्युक्त उल्लिखित सीमा 5 लॉग.10(एन) डी.बी. (सी) पी.के. प्रतिबंधित होगे ;
 The possession and sale of fire-crackers generating noise level exceeding;
 a) 125 dB(A) or 145 dB(C)pk at 4 meters distance from the point of bursting shall be prohibited;
 b) For individual fire-cracker constituting the series (joined fire-crackers), the above mentioned limit be reduced by $5 \log_{10}(N)$ dB, where N = number of crackers joined together.

26. आग या विस्फोट द्वारा दुर्घटना या नुकसान पटाखों की कमी या चोरी, तुरंत पास के पुतिस धाने और अनुशासन प्राधिकारी और अनुशासन प्राधिकारी के स्थानीय कार्यालय को रिपोर्ट की जाएगी । Accidents by fire or explosion and losses, shortage or theft of explosives shall be immediately reported to the nearest police station and the licensing authority and local office of the licensing authority.

अतिरिक्त शर्तें / Additional Conditions :

- अनुशासितधारी विदेशी मूल के आतिशबाजी को ना प्रदर्शित करेगा, ना रखेगा और ना ही उसकी बिक्री करेगा । The licensee shall not exhibit, possess and sell fireworks of foreign origin.


 कृते संयुक्त मुख्य विस्फोटक नियंत्रक
 For Joint Chief Controller of Explosives
 दक्षिण चुल्ल चेन्नै। South Circle, Chennai
 Deputy Chief Controller of Explosives
 एरनामुलम, Ernakulam

Form DE-2
(See rule 113 of the Explosives Rules, 2008)
(Distance Form to be attached to the licence)

Safety distances required to be kept clear around magazine for high explosives or fire works or factory licence number E/SC/KL/22/867(E40147) in form LE-3 granted to Shri T.Mathew Abraham.Prop. Southern Rock & Aggregate Mining Company, Painkulam P.O. (Via.) Cheruthuruthy, Taluk -Talappilly, Kerala- .

Type of Structure(s)		Safety distances meters	
Inside Safety Distances(ISD)		M UM	
1	Room or Workshop used in Connection with the Magazine	13	19
2	Any other Explosives Magazine or store House or Factory of the Applicant		
3	Magazine Office		
Middle Safety Distances(MSD)			
4	Magazine Keeper's or Chowkidar's Dwelling house		
5	Railway including Minerals and Private Railways		
6	Canal (in active use) or other navigable water		
7	Dock or Pier or Jetty		
8	Public Highway or Public Road	40	
9	Private Road which is PRINCIPAL means of access to a Temple, Mosque, Church, Gurudwara or other places of worships, Hospital, College, School or Factory		
10	River Embankment or Sea Embankment or Public Well		
11	Reservoir or Bounded tank/rope way		
12	Windmill or Solar panel for Power Generation		
Outside Safety Distances(OSD)			
13	Dwelling House		
14	Govt. and Public Building		
15	Temple, Mosque, Church or Gurudwara or other Places of Worships		
16	Shops, Market place, Public recreation and Sports Ground, College, School, Hospital, Theater, Cinema or other Building where the public are accustomed to assemble		
17	Factory		
18	Buildings or Works used for the Storage in Bulk of Petroleum, Sprit, gas, or other inflammable or hazardous substances	45	
19	Building or Works used for Storage and Manufacture of Explosives or of articles which contain Explosives		
20	Aerodrome		
21	Furnace, Kiln or Chimney		
22	Quarry or mine pit head		
23	Power House or Electric Substation		
24	Wireless Station		
25	Warehouse or other Storage Building		
26	Any other Protected works		
Overhead Electric lines			
27	Electric Power over head Transmission Lines above 440V	45	
28	Electric Power over head Transmission Lines upto 440V	15	

The Date : 19/03/2007


 For Joint Chief Controller of Explosives
 उष्म सुख्य विस्फारण मंत्रालय
 South Circle, Chennai
 Deputy Chief Controller of Explosives
 19/03/2013
 Ernakulam

Amendments :

- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 19/03/2013 Ernakulam
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 05/02/2013
- Amendment in Drawings/Facilities/Premises dated : 05/02/2013

Duplicate: 1

575/2015



കേരള കേരള KERALA

AM 595984



FORM H
(See rule 43)
QUARRYING LEASE

This deed of lease made on this the 19th March 2015 between the Governor of Kerala (hereinafter referred to as the 'State Government' which expression shall, where the context so admits be deemed to include his successors and assigns) of the one part and **Shri. T. Mathew Abraham, Proprietor, M/s. Southern Rock & Aggregate Mining Company, Vallamkulam P.O, Thiruvalla, Pathanamthitta District, Pin - 689541** aged 67 years son of K.K. Mathew resident of Theakkummoottil House in the Eraviperoor Village of Thiruvalla Taluk of Pathanamthitta District (hereinafter called the 'lessee/lessee' which expression shall where the context so admits, include his/their heirs, executors, administrators, representatives and permitted assigns) of the other part,

Witnesseth that in consideration of the rents and royalties and lessee's/Lessee's covenants, hereinafter reserved and contained the State Government hereby give on lease to Shri. T. Mathew Abraham Proprietor, M/s. Southern Rock & Aggregate Mining Company, Vallamkulam P.O, Thiruvalla, Pathanamthitta District, Pin - 689541 the lessee/lessee the land measuring **7.8000 hectares** described in the schedule hereunder and delineated on the plan hereto annexed and therein coloured red (hereinafter called the "said lands") to hold the same for a period of **12 (Twelve) years** commencing from the 19/3/2015 and ending on the 18/3/2027 for the purposes of extracting minor mineral/minerals and subject to the terms and conditions contained in the Kerala Minor Mineral Concession Rules, 2015 (hereinafter referred to as "the Rules") and to the terms and conditions hereinafter appearing.

For SOUTHERN ROCK & AGGREGATE
MINING COMPANY

57121 VALUE RS. 100/-

T. Mathew Abraham
Southern Rock Aggregate &
Mining Company Vallamkulam
Thiruvalla

K. K. SAJEEVAN
GEOLOGIST
DEPT. OF MINING AND GEOLOGY
DISTRICT OFFICE, THRISSUR

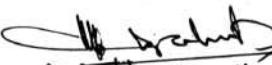
C. I. VARGHESE
VENDOR NO: 31
THRISSUR

12 MAR 2015

9 MAR 2015

Doc. No. 575/2015

Presented in the office of the
Sub Registrar Chekkara at
12.30 PM on 27th day of March
2015 and a fee of Rupees
255464/-
and Photo affixed Executant and
Claimant by

Mathew Abraham 
Residing at Thekkumoottil House
S/o K.K. Mathew for Proprietor of
M/S Southern Rock and Aggregate Mining
Company, Exairperoor, Thiruvalla

Execution admitted by

PRINCE ABRAHAM  S/o T. Mathew Abraham, residing at
Thekkumoottil House, Mining Engineer, Vallamkulam

P. J. GILBERT  S/o P.M. JOSEPH

TOOMATH HOUSE, DRIVER (SOUTHERN ROCK)

PARAVANAL

27th March 2015

S. SOBHAN LEKSHMI

SUB REGISTRAR

I have Satisfied myself that the execution of
this instrument by Sri K.K. Sajeewa, Geologist Dept. of
Mining and Geology Dist. Office, Thrissur for and on
behalf of Governor of Kerala who is exempted from
personal appearance in the office under Section 88(1)
of Indian Regn. Act 1908

27th March 2015

Registered as Document No. 575/2015
of 2015 of Book 1 Pages from
311 to 315. Sheets 6. Sheet 1
27 Day of March 2015

S. SOBHAN LEKSHMI
SUB REGISTRAR

Ch. Lakshmi
Sub Registrar

S. SOBHAN LEKSHMI
SUB REGISTRAR

1. The lessee/lessees shall have the right in and upon the said lands to extract Granite Building Stone (hereinafter called the said mineral/minerals) and to do all acts necessary for the extraction of the said mineral/minerals including the erection on the said lands, buildings and plant required for the purposes and also to take lead and carry away over the said lands and to dispose of the said minerals extracted as aforesaid.
2. The lessee/lessees shall during the subsistence of this lease have the liberty to work the said mineral/minerals and remove the same from the leasehold on permits issued by the State Government/competent authority or any other officer authorised by him in this regard. The permits shall be issued only on the basis of pre-paid royalty at the rates specified in schedule I to these Rules. The royalty rates shall be subject to revision from time to time as the State Government may order.
3. The lessee/lessees shall pay to the State Government a yearly surface rent equal to the land revenue if any, assessable under the rules for the time being in force, or if the land be the property of Government or in reserve forest then equal to the land revenue plus cess, if any, per hectare of the land the surface whereof shall be occupied or used by the lessee/lessees for any of the purposes of this deed and so in proportion for any area less than one hectare. The said surface rent shall be paid by yearly payments; the first of such payments to be made on or before the last day of the first year of occupation provided always that no such rent shall be paid or demanded in respect of any roads or ways now in existence.
4. The lessee/lessees shall at all times during the currency of this lease keep correct and intelligible books of account showing accurately the quantity of the said minerals extracted and the weight and value of the said mineral sold or exported together with the names of the purchasers or consignees.

The lessee shall also maintain a register of employees showing therein separately men, women employed daily and shall at reasonable times allow the competent authority appointed under the rules (hereinafter referred to as "competent authority") or the officer authorised by him to examine the said books of account and the register of employees and to take copies and extracts therefrom. The lessee/lessees shall submit reports in Forms F and G on the specified dates.

5. All sums found due under or by virtue of this deed from the lessee/lessees may be recovered from him jointly and severally from them and his / their properties movable and immovable under the provisions of the Revenue Recovery Act for the time being in force as though such sums are arrears of land revenue or in any other manner as the State Government may deem fit.
6. The lessee/lessees shall at the lessee's/lessees' own expense erect and at all times maintain and keep in repair boundary marks and pillars along the boundaries of the said lands according to the demarcation shown in the plan hereto annexed.
7. In cases where explosives are not used for quarrying the lessee shall not carry on or allowed to be carried on any quarrying operations at or to any points within a distance of 76 metres from any railway line except with the previous written permission of the Railway Administration concerned; and any bridge on National High way or 50 metres from any reservoir, tanks, canals, rivers, bridges, public roads, other public works, residential buildings, the boundary walls of places of worship, burial grounds, burning ghats or any Government protected monuments or forest lands which do not conform to the category of wild life forests except with the previous permission of the authorities concerned or State Government or competent authority or any other officer authorised by the State Government in this behalf.

In cases where explosives are used for quarrying, the lessee shall not carry on or allowed to be carried on any quarrying operations at or to any points within a distance of 100 metres from any railway line, bridge, reservoir, tanks, residential buildings, Government protected monuments, canals, rivers, public roads having vehicular traffic, other public works or the boundary walls of places of worship or 50 metres from any burial grounds or burning ghats or village roads or forest lands which do not conform to the category of wild life forests.

The above said distances shall be measured in the case of a railway, reservoir or canal horizontally from outer edge of the cutting or outer edge of the bank, as the case may be and in the case of a building horizontally from the plinth thereof.

For the purposes of this clause the expression 'railway' and 'railway administration' shall have the same meaning as defined in sub sections (4) and (6) of section 3 of Indian Railway Act, 1890 (IX of 1890).

8. The sides of open workings shall be sloped, stepped or secured by the lessee in such a manner as to prevent slope failure, when an open working is worked in steps, steps shall be of sufficient breadth in relation to their height to secure safety. In open workings trees liable to fall and all loose ground and material shall be removed by the lessee sufficiently far from the edge or otherwise made source in order to prevent danger to persons employed in the quarry.
9. If a working place is found to be unsafe all persons shall be withdrawn by the lessee/lessees immediately from the dangerous area and all access to such working place except for the purpose of removing the danger of saving life shall be prevented by securely fencing the full width of all entrances to the place.
10. The lessee/lessees shall at all reasonable times allow any officer authorised by the Central Government or by the State Government in that behalf to inspect the said lands and the buildings and plants erected thereon and the lessee/lessees shall assist such persons in conducting the inspection and afford them all information they may reasonably require, and shall conform to and observe all orders which the Central and State Governments as the result of such inspection or otherwise, may from time to time pass.
11. The lessee shall be responsible for implementing the provisions of the various labour laws applicable, from time to time, to the quarry.
12. The lessee/lessees shall not assign or underlet the said lands or any part thereof or the rights or privileges, therein hereby granted or any of them without the previous permission in writing of the State Government / competent authority.
13. Where the lease or any right, title or interest therein has been assigned, sublet or transferred as provided in rule 45 read with condition 12, then the person in whose favour such assignment, sublease or transfer has been made shall be responsible for implementing the provisions of the various labour laws applicable, from time to time, to the quarry.
14. The lease may be surrendered by the lessee/lessees at any time after 3 months notice in writing to the State Government/competent authority: Provided that the lessee/lessees has/have paid all sums due on account of the lease. Provided further that if the lessee/lessees elects/elect to determine this lease before the expiry of the term of the lease, shall pay in addition to other dues a sum equal to the dead rent payable for the remaining part of the term of the lease deed.
15. If the lessee/lessees shall be desirous of taking a further lease of the said lands for a further term of years he/they shall give three months' previous notice in writing of such desire to the State Government/Competent authority and if the lessee/lessees has/have duly observed all the conditions of this lease, the State Government/competent authority may agree to renew the lease for such further term and on such terms and conditions as the State Government/Competent authority may determine which shall be in accordance with the provisions of these rules.

FOR SOUTHERN ROCKS & AGGREGATES
HOLDING COMPANY
Proprietor
Signature
11

K. K. SAJEEVAN
GEOLOGIST
DEPT. OF MINING AND GEOLOGY
DISTRICT OFFICE, TIRISSUR

16. If the lessee/lessees shall at any time during the said term use the said lands or any part thereof in any manner other than as authorised by this lease or fail to carry on quarrying operations continuously without sufficient cause of which the State Government/Competent authority shall be the judge or shall commit a breach of any of the conditions of this lease it shall be lawful for the State Government/Competent authority to cancel this lease and take possession of the said lands or the alternative to receive from the lessee/lessees such penalty not exceeding Rs. 25000/- for the breach as the State Government/Competent authority may fix.
17. If at the expiration of three calendar months after the expiry of the lease or its sooner determination, there shall remain in or the said lands, any engines, machinery, plant buildings, structures and other works erections and conveniences the said minerals or other property which the lessee is/lessees are entitled to remove from the said lands, the same shall, if not removed by the lessee/lessees within one calendar month after notice in writing requiring their removal be given to the lessee/lessees by the State Government/Competent authority be deemed to become the property of the State Government in such manner as they may deem fit without liability to pay any compensation or to account to the lessee/lessees in respect thereof.
18. This lease subject to all rules and regulations which may from time to time be issued by the State Government regulating the working of the quarries and other matters affecting safety, health and convenience of the lessee's/lessees' employees or of the public, whether under the Indian Mines Act or otherwise.
19. The lessee/lessees shall without delay send to the District Collector and the competent authority or the officer authorised by him in this regard report of any accident causing loss of life or serious bodily injuries or seriously affecting or endangering life or property which may at any time occur at or in the said lands in the course of operations under this lease.
20. The lessee/lessees shall furnish such reports and returns relating to output, labourers employed and other matters as the State Government may prescribe.
21. The lessee/lessees shall make and pay such reasonable compensation as may be assessed by lawful authority in accordance with the law in force on the subject for all damage, injury or disturbance which may be done by him/them in exercise of the powers granted by this lease and shall indemnify and shall keep indemnified fully and completely the State Government against all claims which may be made by any person or persons in respect of any such damage, injury or disturbance and all costs and expenses in connection therewith.
22. The lessee shall renew the Environmental Clearance within the periods as stipulated in the Environmental Clearance produced by the lessee for granting this lease.
23. Any condition prescribed in the Kerala Minor Mineral Concession Rules, 2015 but left out in this lease which may be found applicable to the lessee/lessees shall be treated as binding on the lessee/lessees. In this case anticipated royalty for the mineral at the rate of Rs. 24/- (Rupees Twenty Four only) per ton for a period of one year Rs. 63,60,000 (Rupees Sixty three lakhs sixty thousand only)
24. Dead Rent realizable at the rate of Rs. I year - nil, II year - Rs. 300/-, III year onwards - Rs. 1200/- Per hectare subject to revision from time to time surface rent at the rate of Rs. 200/- per hectare for one year is Rs. 1560/- (Rupees one thousand five hundred sixty only) security deposit is Rs. 78000/- (Rupees seventy eight thousand only)

For SOUTHERN ROCK & AGGREGATE
MINING COMPANY



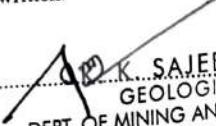

K. K. SAJEEVAN
GEOLOGIST
DEPT. OF MINING AND GEOLOGY
DISTRICT OFFICE, TIRISSUR

SCHEDULE OF DESCRIPTION OF LAND

District Taluk	Village Amson	Survey No. Of the area	Area in hectares
Thrissur Thalappilly	Painkulam	1019/3,4,5,6,7 1021/6,8,9 1027P,1028P, 1029P, 1030P	7.8000 hectares

Surrounded by, On the North by : 1020, 1021/2, 1021/5, 1022
 On the East by : 1026
 On the South by : 1027,1028,1029,1030, 1031
 On the West by : 1031,1019/2

In witness whereof the parties hereto have set their hands hereunto on the day and year
 first above written.

Signed by..... 
 K. SAJEEVAN
 GEOLOGIST
 DEPT. OF MINING AND GEOLOGY
 DISTRICT OFFICE, THRISSUR

for and on behalf of the Governor of Kerala.
 In the presence of:

(1) A JITH R
 Mineral Revenue Inspector, Dept. of Mining & Geology
 Dist. Thrissur

(2) M. ERIK. District Officer & Manager, 
 For SOUTHERN ROCK & AGGREGATE
 MINING COMPANY

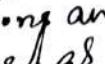
Signed by..... 
 Proprietor

for and on behalf of the lessee/lessees
 In the presence of:

(1) Princy Abraham
 S/o T. Mathew Abraham
 Thekkumoothi (H) ^{out 1000}
 Vallamkulam P.O, Thrissur

(2) T. M. THOMAS
 S/o K. M. Mathew (H)
 Thekkumoothi (H)
 Vallamkulam, Thrissur



There are no corrections and interlineations
 Prepared by C.P. Haridas 
 S/o C. Prabhakaran, CDA 406 C8A 1118
 Mullurkara.

K. K. SAJEEVAN
 GEOLOGIST
 DEPT. OF MINING AND GEOLOGY
 DISTRICT OFFICE, THRISSUR

Duplicate i

NOTE: Two duplicates presented with the original There is no difference between with the original and duplicate

compared } Reader ~~co~~ by Pr

by } examiner Smitha R ~~AD~~

23th day of March 2015 Sub Registrar

B. Sobha Lakshmi —

SP

Original copy of the document was issued
on 23rd March 2015
by Sub Registrar
B. Sobha Lakshmi

Doc No 575 of 2015 of Book 1

Serial No 575

Sub A-1100



Block 10/15

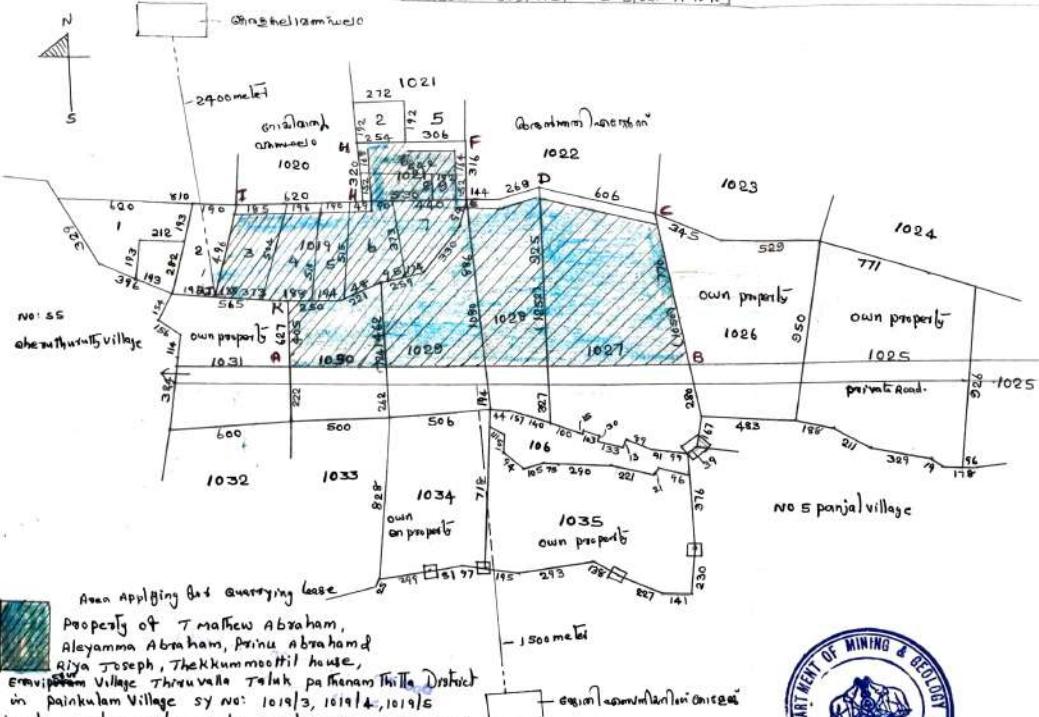
Talappilly

District: Thrissur

Plan showing the areas applied for quarrying lease over an area of 7800 Hectars by M/s Southern Rock & Aggregate mining Co. Vellamkulam, Thiruvalla in painkulam Village, Talappilly Taluk

No: 57
Village: Name painkulam

Thirissur District [Block A & K]



SYNO	Area in Hectar
1019/3	0.3642
1019/4	0.3845
1019/5	0.3845
1019/6	0.4047
1019/7	0.4047
1021/6	0.3643
1021/8	0.1619
1021/9	0.0809
1027	2.1400
1028	1.2100
1029	1.2600
1030	0.6403
TOTAL	7.8000

= 7.8000 Hectars or 0.3870 MR acres
Area Agreed area 7800 Hectars

→ To painkulam lands
→ To painkulam Road
→ To Panjal



Handed over
06/01/2015
VILLAGE OFFICER
PANJAL, PAINKULAM
GROUP VILLAGE



Done by
L. S. M. S.
07/01/2015
WHSIDAR TALAPPILLY



Taluk: Talappilly
Village: painkulam
scale 1cm = 39.60 meters

REGISTRATION CERTIFICATE ISSUED TO A REGISTERED METAL CRUSHER UNIT

Registration No. 92/2021-22/RMCU/TSR/4171/M3/2021 Dtd. 30/03/2021

The Metal Crusher Unit situated in Sy. Nos. 1027/pt, 1028/pt of Painkulam Village of Thalappilly Taluk of Thrissur District and owned by Shri. T. Mathew Abraham, Proprietor, M/s. Southern Rock & Aggregate Mining Company, Vallamkulam. P. O, Thiruvalla, Pathanamthitta District - 689 541 Department of Mining & Geology under Rule 91 of the Kerala Minor Mineral Concession Rules, 2015 for the production and sale of aggregates of granite (building stones) by operating the machines noted below. The owner of the registered metal crusher unit has been granted quarrying lease in Sy. Nos. 1019/3,4,5,6,7, 1021/6,8,9, 1027pt, 1028pt, 1029pt, 1030pt of Painkulam Village of Thalappilly Taluk of Thrissur District for the extraction of granite (building stones) to be used in the crusher unit.

Number and Description of Machines /Jaw Crusher units for which consolidated royalty is to be paid:	76.2cm x 20.32cm (30" x 8") (1548.384 Sq.cm) - 1 No. (One Only) 121.92cmX 22.86cm (48" x 9") (2787.0912 Sq.cm) - 2 Nos. (Two Only)
The particulars of the other machines, if any, used for crushing granite (building stone), in the crusher unit	VSI (150HP) - 1No. (One only) (Attached with the Secondary Crusher) Primary Crusher: 91.44cm X 76.2cm (36" x 30") -- 1No. (One only)
Particulars of quarrying leases based on which registration is granted	Pro. Order No. 830/2014-15/1794/M3/2015 dated. 07/03/2015 of the Director of Mining & Geology

This registration will be in force for the period from 01/04/2021 to 31/03/2022

Conditions for Registration

The registration certificate shall be displayed in a prominent place in a part of the premises open to the public.

The owner of the registered metal crusher unit shall comply with the provisions of the Mines and Minerals (Development and Regulation) Act, 1957 and the Kerala Minor Mineral Concession Rules, 2015 and all other orders issued by the competent authority in this regard from time to time.

✓

The owner of the registered metal crusher unit shall display in a prominent place in a part of the premises the true list of granite aggregates offered for sale by them.

Dated this the 30th day of March 2021

Sd/-

Dr. C. K. Baiju

Director of Mining & Geology (I/C)

Seal of the Competent Authority

To:

✓ Shri. T. Mathew Abraham,
Proprietor,
M/s. Southern Rock & Aggregate Mining Company,
Vallamkulam. P. O, Thiruvalla, Pathanamthitta District - 689 541

Copy to:

The Senior Geologist, District Office, Thrissur
Stock File, File

(Chalan No. KL021869263202021M dated 29/03/2021 for Rs. 4,00,000/- remitted at District Treasury, Thiruvananthapuram

(By Order)

Zaheer
30/03/2021

Senior Superintendent



PUBLIC NOTICES

PUBLIC NOTICE

This is to inform the General Public that State Level Expert Appraisal Committee (SEIAA) Kerala (Constituted by the Competent Authority) as per prescribed procedure under EIA Notification 2006 accorded **Environmental Clearance** under the provision of Environmental Impact Assessment Notification 2006 & for the Building Stone Quarry project in Survey Nos. 1019/3, 1019/4, 1019/5, 1019/6, 1019/7, 1021/8, 1021/9, 1027/P, 1028/P, 1029/P & 1030/P at Painkulam Village, Panjal Panchayath, Thalapilly Taluk, Thrissur District, Kerala State of M/s. Southern Rock & Aggregate Mining Company Vide No. 285/SEIAA/KL/1362/2014 dt. 5-12-2014. The copy of Environmental Clearance is available with the Department of Environment and Climate change, Government of Kerala and may also be seen on the website of the authority at www.seiaakerala.org

ଶାକୀଟ

TEST REPORT

ULR No: TC540222000010197F

LRI No.: SEAAL22101600A

Date: 28-10-202

Page 1 of 1

CUSTOMER DETAILS

Customer Name & Address	Mr. T Mathew Abraham M/s Southern Rock Aggregate & Mining Company Cheruthuruthy, Thrissur District
Customer Reference	Test Request dt : 24-10-2022

SAMPLE DETAILS

Product Category	Atmospheric Pollution	Sample Code	EN22100728
Sample Name	Ambient Air	Sample Received on	25-10-2022
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	25-10-2022
Sampled by	Lab Authorized Sampler	Test Completed on	27-10-2022

DETAILS OF SAMPLING

Sampling Location	South -East Side	Date of Sampling	24-10-2022
Sampling Procedure	SEAAL/ENL/GEN/SOP/02	Humidity	70%

SAMPLING SITE DETAILS

Village	Painkulam	Taluk	Thalappilly
District	Thrissur	State	Kerala

TEST RESULTS- CHEMICAL PARAMETERS

Sl. No.	Parameters	Test Method	Unit	Result	NAAQ Standards
1	Particulate Matter, PM ₁₀	IS 5182 (Part 23):2006	µg/m ³	58.9	Max 100
2	Particulate Matter, PM _{2.5}	IS 5182 (Part 24):2019	µg/m ³	30.1	Max 60
3	Sulphur Dioxide as SO ₂	IS 5182 (Part 2): 2001	µg/m ³	3.21	Max 80
4	Oxides of Nitrogen as NO ₂	IS 5182 (Part 6): 2006	µg/m ³	4.42	Max 80

Remarks:

End of Report

Shency Joy
Dy.TM-Chemical

Checked by:



Laiju P.N.
Laboratory Head

Authorized Signatory

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

Accreditation & Approval: NABL accredited Testing Laboratory as per ISO/IEC 17025:2017
vide Certificate No. TC - 5402 & "A" Grade Laboratory approved by KSPCB

K.J. Tower, Pathalam, Udyogamandal P.O., Ernakulam-683 501, Tel. 0484-2546660, 93 87 27 24 02, 90 74 34 14 43
Web: www.sealab.in E-mail: sealab@gmail.com



TEST REPORT

ULR No:TC540222000010198F

LRI No.: SEAAL22101601A

Date: 28-10-2022

Page 1 of 1

CUSTOMER DETAILS

Customer Name & Address	Mr. T Mathew Abraham M/s Southern Rock Aggregate & Mining Company Cheruthuruthy, Thrissur District
Customer Reference	Test Request dt : 24-10-2022

DETAILS OF MONITORING

Product Category	Atmospheric Pollution	Sample Code	EN22100729
Sample Name	Ambient Noise	Monitoring Commenced on	24-10-2022
Monitoring Location	South -East Side	Monitoring Completed on	25-10-2022
Test Method	IS 9989:1981	Monitored by	Lab Authorized Sampler

MONITORING SITE DETAILS

Village	Painkulam	Taluk	Thalappilly
District	Thrissur	State	Kerala

MONITORING RESULTS - Leg

TIME	RESULTS dB(A)	TIME	RESULTS dB(A)	TIME	RESULTS dB(A)
06:00	37.3	14:00	50.1	22:00	36.2
07:00	40.0	15:00	50.4	23:00	35.1
08:00	44.3	16:00	51.6	24:00	37.6
09:00	47.7	17:00	52.0	01:00	38.4
10:00	50.1	18:00	46.6	02:00	38.0
11:00	53.1	19:00	43.1	03:00	38.7
12:00	50.4	20:00	39.3	04:00	37.6
13:00	49.7	21:00	38.8	05:00	39.5

TEST RESULTS- CHEMICAL PARAMETERS

Sl. No.	PARAMETERS	UNIT	RESULT
1	Ambient Sound Level (L _{eq}) Day Time (06:00 to 22:00)	dB(A)	48.5
2	Ambient Sound Level (L _{eq}) Night Time (22:00 to 06:00)	dB(A)	38.0

End of Report

Shency Joy
Dy.TM-Chemical

Checked by:



Connie J. M.

Laiju P.N.
Laboratory Head

Authorized Signatory

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K.J. Tower, Pathalam, Udyogamandal P.O., Ernakulam-683 501, Tel. 0484-2546660, 93 87 27 24 02, 90 74 34 14 43
Web: www.seaalabs.in E-mail: seaalab@gmail.com

TEST REPORT

ULR No: TC540222000010199F		
LRI No.: SEAAL22101602A	Date: 28-10-2022	Page 1 of 2

CUSTOMER DETAILS	
Customer Name & Address	Mr. T Mathew Abraham M/s Southern Rock Aggregate & Mining Company Cheruthuruthy, Thrissur District
Customer Reference	Test Request dt : 24-10-2022

SAMPLE DETAILS			
Product Category	Water	Sample Code	WT22100422
Sample Name	Ground Water	Sample Received on	25-10-2022
Sample Conditions at Receipt	Fit for Analysis	Temperature @ Receipt	4°C
Sample Quantity& Packing	2L & 125ml Plastic Bottles	Test Commenced on	26-10-2022
Sampled by	Lab Authorized Sampler	Test Completed on	27-10-2022

DETAILS OF SAMPLING			
Sample Source	Bore Well -Near Quarry Office	Date of Sampling	24-10-2022
Sampling Procedure	SEAAL/ENL/GEN/SOP/01& SEAAL/MBL/SOP/06	Sample Temperature	29°C

SAMPLING SITE DETAILS			
Village	Painkulam	Taluk	Thalappilly
District	Thrissur	State	Kerala

TEST RESULTS- CHEMICAL PARAMETERS					
Sl.No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500 : 2012
1	Colour	IS 3025 (Part 4):1983	Hazen	1.00	Max 5



Shency Joy
Dy.TM-Chemical
Checked by




Salini T.S.
Microbiologist
Authorized Signatory



Laiju P.N.
Laboratory Head
Authorized Signatory

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

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TEST REPORT

ULR No: TC540222000010199F

LRI No.: SEAAL22101602A

Date: 28-10-2022

Page 2 of 2

TEST RESULTS- CHEMICAL PARAMETERS

Sl.No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500 : 2012
2	Odour	IS 3025 (Part 5):2018	---	Agreeable	Agreeable
3	Turbidity	IS 3025 (Part 10):1984	NTU	7.6	Max 1
4	pH	IS 3025 (Part 11):1983	---	6.55	6.50 – 8.50
5	Conductivity	IS 3025 (Part 14):1984	µS/cm	292	---
6	Total Dissolved Solids	IS 3025 (Part 16):1984	mg/L	190	Max 500
7	Total Hardness as CaCO ₃	IS 3025 (Part 21):2009	mg/L	106	Max 200
8	Calcium as Ca	IS 3025 (Part 40):1991	mg/L	11.2	Max 75
9	Magnesium as Mg	IS 3025 (Part 46):1994	mg/L	19.0	Max 30
10	Chloride as Cl	IS 3025 (Part 32):1988	mg/L	12.1	Max 250
11	Total Alkalinity as CaCO ₃	IS 3025 (Part 23):1986	mg/L	73.6	Max 200
12	Iron as Fe	IS 3025 (Part 53):2003	mg/L	0.69	Max 1
13	Sulphate as SO ₄	IS 3025 (Part 24):1986	mg/L	14.2	Max 200



Shency Joy
Dy.TM-Chemical
Checked by




Salini T.S.
Microbiologist
Authorized Signatory



Laiju P.N.
Laboratory Head
Authorized Signatory

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

Accreditation & Approval: NABL accredited Testing Laboratory as per ISO/IEC 17025:2017
vide Certificate No. TC - 5402 & "A" Grade Laboratory approved by KSPCB.

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Web: www.sealabs.in, E-mail: sealab@gmail.com

PLATES



Plate: S-3 Silt trap & lined channels

Plate G: 1



PLATE G: 1- Rainwater harvesting pits.

Plate G: 3



Plate G: 3-Avenue trees planted along either side of tarred road.



Plate G: 5 -Sprinklers installed.

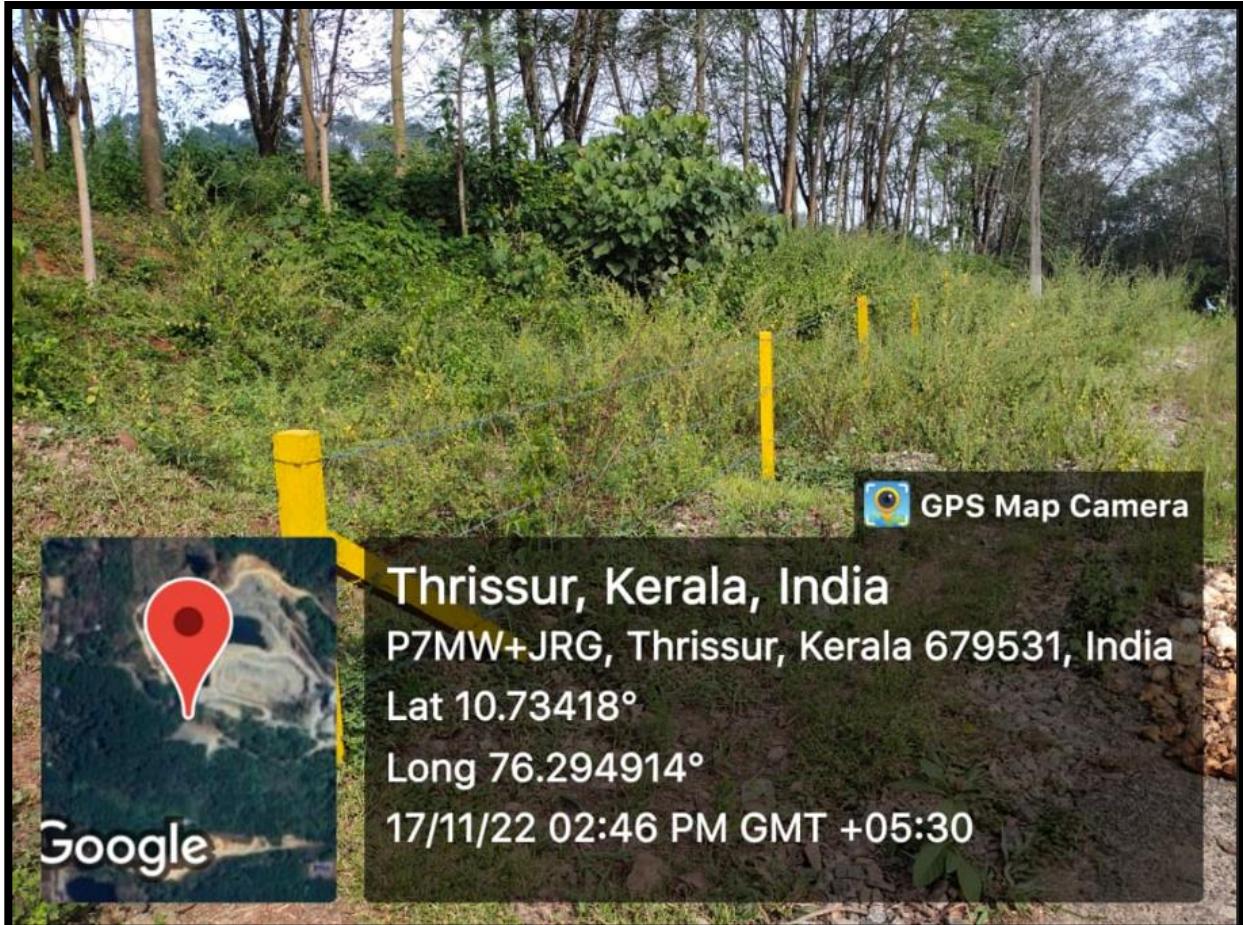


Plate G: 9 -Fencing around the boundary area.



Plate G: 13- Blasting Time

Plate G: 15

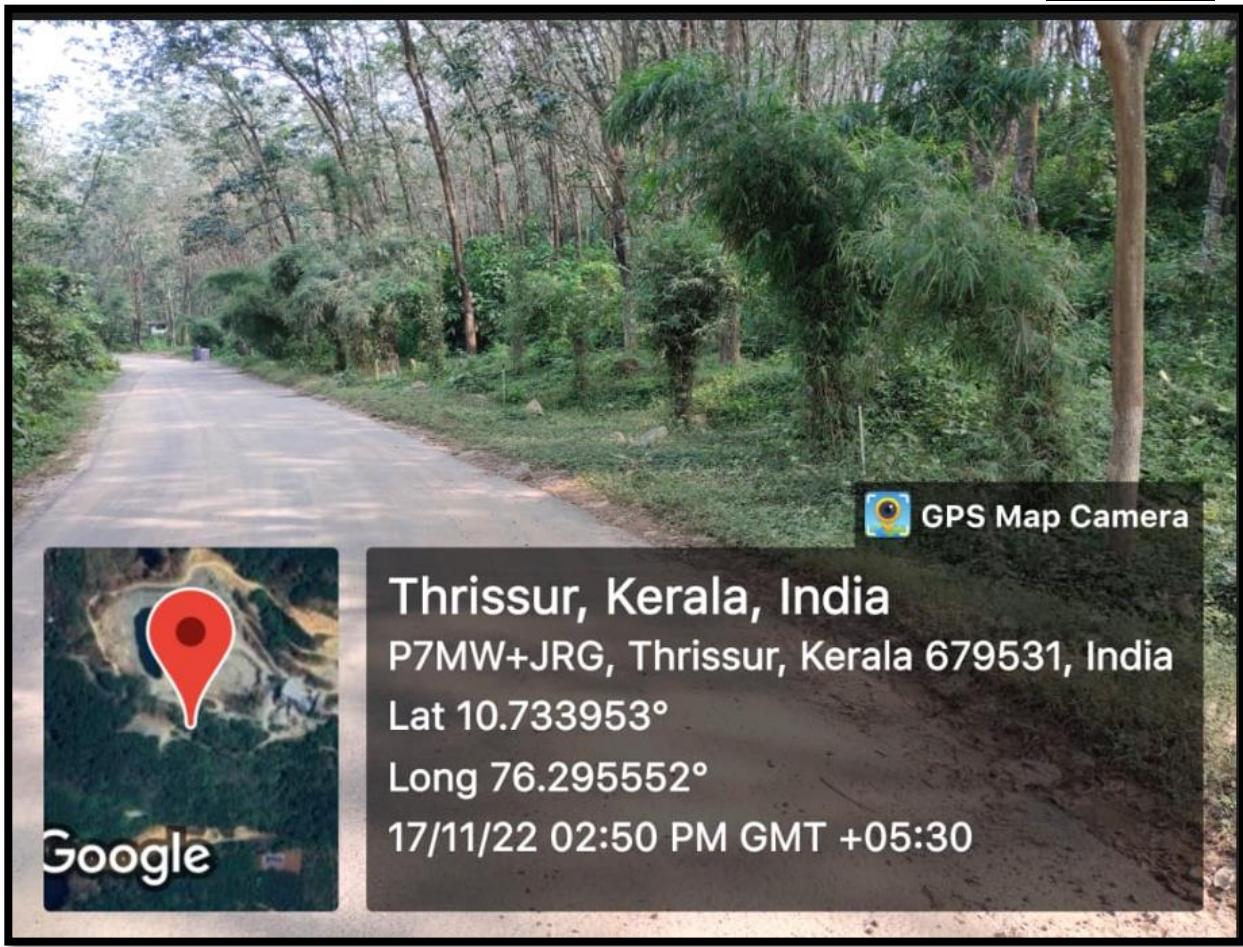


Plate G: 15-Access Road to the Quarry

Plate G:17



Plate G: 17- Bench Height



Plate G: 18-Mats are used during vibration studies

Plate G: 22



Plate G: 22-Workers with protective equipments



Plate G: 23-Garland drains.

Plate G: 24



Plate G: 24- Covered trucks.

Plate G: 25



Plate G: 25-Plantation done.



Plate G: 27- Magazine

**SOUTHERN ROCK & AGGREGATE
MINING COMPANY**

Painkulam P.O, Cheruthuruthy, Thrissur District
email : southernrocks999@gmail.com
Ph: 04884 261563

No	License	Number	Issue Date	Validity
1	Environmental Clearance	No.203/20AA/RL/1382/2014	4/6/2014	20 Years
2	Mining Lease Area 2.8 Hectare	No.203/2014.15/1784/M3/2015	3/1/2015	12 Years
3	GST	12HCGPT1248L125	7/3/2017	
4	Pollution Control Board			
4.1	Quarry	No.PCB/DO.TSA/RA/NO/364/2017	6/6/2017	3 years
4.2	Crusher	No.PCB/DO.TSA/RA/NO/364/2018	6/12/2018	3 Years
5	Explosive Licence	No.ESC.KL.32/RA/79/4614/21	1/3/2015	3 Years
6	Permit Licence	13-C-946/2019/2019-20-114	4/9/2019	3 Years
7	Royalty Compensated	No.2004-MG/2019	9/2/2019	One Year
8	Waste Manager	PRINCI ARAHAA		

Plate G: 38-Environmental Clearance display board