

Mavanal Granites Private Limited

Register No. 09-05805/1990, CIN No. U14102KL1990PTC005805
Registered Office: Sreenikethan, Kalanjoor, KERALA. Pin: 689694, INDIA
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Email: mavanalgroup@gmail.com Website: www.mavanal.com

No. MGPL/CR/064/2018

Date: 26.12.25

To

The Regional Director
MoEF&CC Regional Office
Southern Zone, Kendriya Sadan, 4th Floor, E & F Wing
II Block, Koramanagala, Bengaluru – 560034.

Sir,

Sub: Environmental Clearance – Compliance report furnished

- Ref: 1. Environmental Clearance No. 57/2017 vide proceedings No. 81/SEIAA/KL/183/2013 dated 16.08.2017 r.w. E.C. No. 51/SEIAA/KL/7509/2012 dt. 15.03.2013 of SEIAA Kerala
2. Proceedings No. 81/SEIAA/KL/183/2013 dated 17.11.2022 of SEIAA Kerala

Kind attention is invited to the Environmental Clearance accorded to the quarry project of M/s Mavanal Granites Private Limited in Koodal Village, Kalanjoor Panchayath, Konni Taluk, Pathanamthitta District, Kerala for expansion of existing quarry project with mine lease and Environmental Clearance, issued vide reference cited (1) above and revalidated vide reference cited (2) above. The sixteenth report of compliance on the specific and general conditions of the EC for the period from April to September 2025 is attached herewith for favour of kind perusal.

Yours faithfully


K.N. Madhusoodanan
Managing Director
for M/s Mavanal Granites Private Limited

Copy to :

The Member Secretary
SEIAA Kerala
K.S.R.T.C. Bus Terminal Complex, 4th Floor
Thampanur, Thiruvananthapuram – 695001.

Quarry project of

Mavanal Granites Pvt. Ltd.

Koodal Village
Kalanjoor Panchayath
Konni Taluk (formerly Adoor Taluk)
Pathanamthitta District
Kerala State

16th Compliance report

(Ref: E.C. No. 81/SEIAA/KL/183/2013 dt. 16.08.2017
r.w. E.C. No. 51/SEIAA/KL/7509/2012 dt. 15.03.2013 of SEIAA Kerala
revalidated vide proceedings No. No. 81/SEIAA/KL/183/2013 dated 17.11.2022)

ENVIRONMENTAL CLEARANCE No. 57/2017

for the period from

April to September 2025

Quarry project of
M/s Mavanal Granites Private Limited
Koodal Village
Kalanjoor Panchayath
Konni Taluk (*formerly Adoor Taluk*)
Pathanamthitta District
Kerala State

16th Compliance Report

(Ref: E.C. No. 81/SEIAA/KL/183/2013 dt. 16.08.2017

r.w. E.C. No. 51/SEIAA/KL/7509/2012 dt. 15.03.2013 of SEIAA KERALA revalidated vide proceedings No. No. 81/SEIAA/KL/183/2013 dated 17.11.2022)

ENVIRONMENTAL CLEARANCE No. 57/2017

for the period from
April to September 2025

TABLE OF CONTENTS

Item No.	Description	Page No.
	Monitoring Report – Proforma - Part I	7
I.	About the proponent	9-10
	About the project	
II.	Project category	10
	Project location	10
	Project extent and activity	10
	Project description	10-11
	Report of Compliance	
III.	Compliance of Specific Conditions	11-14
	Compliance of General Conditions	15-35
	Plates	
IV.	Plate AS.3 – Indigenous trees grown in the site	39
	Plate G.1 – Rain water harvesting area	41
	Plate G.3 – Avenue trees	43
	Plate G.5– Sprinkler	45
	Plate G.17 – Benches	47
	Plate G.19 – Mining depth	49
	Plate G.24 – Transportation in covered truck	51
	Plate G.38 – EC display board	53
	Plate G.42 – Truck with sprinkler	55
	Annexure	
V.	Annexure 1 – Proceedings of EC revalidation	A1-A4
	Annexure 2 – Copy of the approval letter of Department of Mining and Geology along with the approved Scheme of Mining with Progressive Mine Closure Plan	A5-A148
	Annexure G.30 (1) - Copy of Integrated Consent to Operate - Renewal issued by Kerala State Pollution Control Board for the quarry	A49-A151
	Annexure G.30(2) – Copy of Integrated Consent to Operate - Renewal issued by Kerala State Pollution Control Board for the crusher unit	A152-A153
	Annexure G.31(1) - Copy of licence issued by	A154

	Kalanjoor Grama Panchayath for the quarry	
	Annexure G.31(2) – Copy of quarrying lease agreement	A155-A170
	Annexure G.31(3) – Copy of conditions governing the use of Heavy Earth Moving Machinery without deep hole drilling and blasting issued by the Directorate General of Mines Safety	A171-A179
	Annexure G.31(4) – Copy of renewed license issued by the Petroleum and Explosives Safety Organization for possession for use of explosives from magazine	A180
	Annexure G.31(5) - Copy of NOC issued by District Collector, Pathanamthitta, for quarrying in Government Poramboke Land	A181-A183
	Annexure G.37- Copy of report on Ambient Air and Noise Quality Monitoring	A184-A188

MONITORING REPORT – PROFORMA – PART I

E.C No. 57/2017 vide proceedings No. 81/SEIAA/KL/183/2013 dated 16-08-2017 r.w. E.C. No. 51/SEIAA/KL/7509/2012 dt. 15.03.2013 issued by SEIAA Kerala / ~~MoEF & CC~~

1.	Name of the project	Quarry project of M/s Mavanal Granites Private Limited
2.	Clearance letter no. & date	Environmental Clearance No. 57/2017 vide proceedings No. 81/SEIAA/KL/183/2013 dated 16.08.2017 r.w. E.C. No. 51/ SEIAA/ KL/ 7509/ 2012 dt. 15.03.2013 issued by SEIAA Kerala
3.	Location: District & State/UT	Pathanamthitta District, Kerala State
4.	Address for correspondence:	Mr. K.N. Madhusoodanan Managing Director M/s Mavanal Granites Pvt. Ltd. Sreenikethan, Kalanjoor P.O. Adoor, Pathanamthitta Kerala state Pincode: 689694.
5.	Contact No. of office with name of responsible official	Mr. Suresh - 9447120111
6.	Mobile No. of concerned officials associated with monitoring	Mr. Suresh - 9447120111
7.	Date of commencement (Actual and/or planned)	15.03.2013
8.	Validity of CFO (<i>Consent for Operation obtained from Kerala State PCB</i>)	15.08.2027
9.	Present status of the project	On going
10.	Email id of the contact person to whom communications to be sent	sureshmavanal@yahoo.com knmppl@gmail.com
11.	FAX Number	

Date: 26.12.2025

(Company Seal)

Signature of authorized signatory

Name :

Designation:

I. ABOUT THE PROPONENT

M/s Mavalan Granites Private Limited possesses a quarry project in Koodal Village, Kalanjoor Panchayath, Konni Taluk (*formerly Adoor Taluk*), Pathanamthitta District, Kerala state and the quarry site is Government land on lease.

State Environment Impact Assessment Authority Kerala (SEIAA Kerala) accorded Environmental Clearance No. 57/2017 vide proceedings No. 81/SEIAA/KL/183/2013 dated 16.08.2017 to M/s Mavalan Granites Private Limited for expansion of existing quarry project with mine lease and Environmental Clearance for an area of 4.0469 hectares (issued vide E.C. No. 51/SEIAA/KL/7509/2012 dated 15-03-2013) for an additional area of 1.1908 hectares in Koodal Village, Kalanjoor Panchayath, Konni Taluk (*formerly Adoor Taluk*), Pathanamthitta District, Kerala with a validity period of five years. SEIAA Kerala vide proceedings No. 81/SEIAA/KL/183/2013 dated 17.11.2022 (*attached as **Annexure 1** [Pages A1 to A4]*) revalidated the above said E.C. for the project life of 10 years from the date of original E.C. (19.08.17) subject to the Terms and Conditions in the original E.C. in addition to the General Conditions and certain additional Specific Conditions.

The above-mentioned two separate mining leases covering areas of 4.0469 hectares and 1.1908 hectares were merged and amalgamated into a single mining lease pursuant to the relevant orders issued by the Department of Mining and Geology. The validity of the said mining lease expired on 02.08.2023, following which all mining activities were discontinued. Thereafter, the proponent submitted an application for renewal of the amalgamated mining lease for a further period of ten years, along with the Scheme of Mining with Progressive Mine Closure Plan. The said Scheme was duly approved by the Department of Mining and Geology vide letter dated 18.11.2024. Accordingly, mining and allied activities have been restored at the project site. A copy of the approval letter along with the approved Scheme of Mining with Progressive Mine Closure Plan is enclosed herewith as **Annexure 2** [*Pages A5 to A148*]).

M/s Mavalan Granites Private Limited is controlled and managed by Mr. K.N. Madhusoodanan, Managing Director, Sreenikethan, Kalanjoor P.O., Konni, Pathanamthitta District, Kerala - 689694; E-mail: knmppl@gmail.com.

Among the conditions specified in the said Environmental Clearance (EC), it is mandatory to file six-monthly compliance report(s). This report is in compliance of it and the sixteenth report in its series.

II. ABOUT THE PROJECT

a. Project category:

The project comes under the Category B, Activity 1(a) of Schedule of EIA Notification 2006 and subsequent amendments.

b. Project location:

Sy. No. 288/1 part, Block 32 of Koodal Village, Kalanjoor Panchayath, Konni Taluk (*formerly Adoor Taluk*), Pathanamthitta District, Kerala. The proposed project site falls within 9°8'46.06"N to 9°8'40.60"N and 76°53'53.75"E to 76°53'48.93"E.

c. Project extent and activity:

The project is for quarrying of 4,50,000 MTA of building granite stone from an area of 5.2377 hectares of land located as specified above.

d. Project description:

The land for the quarry project is Government land on lease in the name of M/s Mavalan Granites Private Limited for mining operation in an area of 5.2377 hectares (4.0469 hectares + 1.1908 hectares). The project is for expansion of existing quarry project with mine lease and Environmental Clearance for an area of 4.0469 hectares (issued vide E.C. No. 51/SEIAA/KL/7509/2012 dated 15-03-

2013) for an additional area of 1.1908 hectares. The mining operation is carried out by open cast semi-mechanized method as per the approved Mining Plan. The expected life of mine is 10 years.

III. REPORT OF COMPLIANCE

A. SPECIFIC CONDITIONS

Item No.	Stipulations in EC	Status of Compliance	Remarks
S1	If any plant species endemic to Western Ghats are noticed in the area they shall be properly protected in situ or by transplanting to an appropriate location inside the lease area.	Effective steps shall be taken either for in situ conservation or for transplantation of any endemic plant species of Western Ghats, if any, noticed within the lease area.	
Additional Specific Conditions stipulated vide proceedings No. 81/SEIAA/KL/183/2013 dated 17.11.2022 revalidating the E.C.			
AS1	Ensure provision of silt traps at 50 m interval along the drain (flowing westward) to the large siltation pond on west side of the pillar no. M-1BP-12 (both sides of the haulage road) and submit geotagged photographs.	The condition stipulated herein (vide proceedings dt. 17.11.22) shall be followed scrupulously.	

AS2	A new clarifier should be constructed after the existing siltation ponds and submit a geotagged photograph of the same.	The condition stipulated herein (vide proceedings dt. 17.11.22) shall be followed scrupulously.	
AS3	The project proponent shall comply with the plan for replacing Acacia plants with more indigenous species to improve the biodiversity status of the region within 5 years and implement the same in time-bound manner as submitted. The progress of the compensatory afforestation and geotagged photographs as proof should be incorporated in the Half Yearly Compliance Report.	Indigenous trees like coconut trees, jack fruit trees, etc. are grown in the site.	Plate AS.3 – Indigenous trees grown in the site (Page 39)
AS4	Periodic cleaning of garland drains, silt traps, siltation pond and outflow channel should be carried out and geotagged photographs should be incorporated in the Half Yearly Compliance Report.	The condition stipulated herein (vide proceedings dt. 17.11.22) shall be followed scrupulously.	

AS5	Transportation of mined material should not be done during the peak hours in the forenoon (8.00 and to 10.00 am) and afternoon (3.30 pm to 5 pm)	The same is noted and is being followed scrupulously.	
AS6	Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.	The same is noted and is being followed scrupulously.	
AS7	Adequate sanitation, waste management and rest room facilities should be provided to the workers.	Rest room, drinking water, toilet facilities and provision for waste management are provided to the workers.	
AS8	Adequate energy conservation measures proposed should be implemented including solar power installations.	Solar energy street lights are fixed within the project site.	
AS9	The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.	Special care shall be taken to ensure that the EC conditions are not violated in any manner.	

B. GENERAL CONDITIONS

Item No.	Stipulations in EC	Status of Compliance	Remarks
G1	Rain water harvesting facility should be installed as per the prevailing provisions of KMBR/KPBR, unless otherwise specified.	Rain water falling in the mine lease area is collected in a pond.	Plate G.1 – Rain water harvesting area (Page 41)
G2	Environment Monitoring Cell as agreed under the affidavit filed by the proponent should be formed and made functional.	Environment Monitoring Cell (EMC) formed is functional and meets regularly.	
G3	Suitable avenue trees should be planted along either side of the tarred road and open parking areas, if any, including of approach road and internal roads.	The condition is complied with.	Plate G.3 – Avenue trees (Page 43)
G4	Maximum possible solar energy generation and utilization shall be ensured as an essential part of the project.	Solar energy street lights are fixed within the project site.	

G5	Sprinklers shall be installed and used in the project site to contain dust emissions.	Sprinklers are installed within the project site.	Plate G.5– Sprinkler (Page 45)
G6	Eco-restoration including the mine closure plan shall be done at the own cost of the project proponent.	The condition shall be scrupulously followed at the time of mine closure.	
G7	At least 10 percent of the total excavated pit area should be retained as water storage areas and the remaining area should be reclaimed with stacked dumping and overburden and planted with indigenous plant species that are eco-friendly, if no other specific condition on reclamation of pit is stipulated in the EC.	The condition shall be scrupulously followed at the time of reclamation of pit during mine closure.	
G8	Corporate Social Responsibility (CSR) agreed upon by the proponent should be implemented.	Corporate Social Responsibility (CSR) agreed upon shall be implemented without fail.	
G9	The lease area shall be fenced off with barbed wires to a minimum height of 4ft around, before starting of mining. All the boundary indicators (boards,	Barbed metal wire fencing around the mining area with a height of not less than 4 feet is provided.	

	stores, markings, etc.) shall be protected at all times and shall be conspicuous.		
G10	Warning alarms indicating the time of blasting (to be done at specific timings) has to be arranged as per stipulations of Explosive Department.	Warning alarms indicating the time of blasting is arranged.	
G11	Control measures on noise and vibration prescribed by KSPCB should be implemented.	The directions contained are being scrupulously followed. In order to control noise, proper maintenance of machinery and maintenance of wide green belt are being done. Controlled blasting technique is used to reduce blast vibrations.	
G12	Quarrying activities should be limited to day time as per KSPCB guidelines/ specific conditions.	Quarrying and allied activities is limited to day time only.	
G13	Blasting should be done in a controlled manner as specified by the regulations of Explosives Department or any other concerned agency.	The condition is being followed scrupulously.	
G14	A licensed person should supervise/ control the blasting operations.	Blasting is done under the supervision of licensed person.	

G15	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.	
G16	Overburden materials should be managed within the site and used for reclamation of mine pit as per mine closure plan/ specific conditions.	Overburden is stacked within the project site in pre-determined site specified for the purpose and shall be used for reclamation of mine pit during mine closure as stipulated.	
G17	Height of benches should not exceed 5 m, and width should not be less than 5 m, if there is no mention in the mining plan/ specific condition.	The height and width of benches is maintained as 5 m x 5 m.	Plate G.17 – Benches (Page 47)
G18	Mats to reduce fly rock blast to a maximum of 10 PPV should be provided.	Mats are used during vibration studies.	
G19	Maximum depth of mining from general ground level at site shall not exceed 10m.	The maximum depth of mining is still above the ground level.	Plate G.19 – Mining depth (Page 49)
G20	No mining operations should be carried out at places having a slope greater than 45°.	It is ensured that no mining is carried out at places having a slope greater than 45°, if any.	

G21	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 addition to the provisions of green belt and hollow brick envelop for crushers, acoustic enclosures are also provided for the crusher unit to reduce sound amplifications so that the noise level is kept within prescribed standards given by KSPCB.	
G22	The workers on the site should be provided with the required protective equipment such as ear muffs, helmet, etc.	The workers on the site are provided with the required protective equipment such as ear muffs, helmets, etc.	
G23	Garland drains with clarifiers to be provided in the lower slopes around the core area to channelize storm water.	Garland drains are provided to channelize storm water.	
G24	The transportation of minerals should be done in covered trucks to contain dust emissions.	The transportation of minerals is done in covered trucks to contain dust emissions.	Plate G.24 – Transportation in covered truck (Page 51)
G25	The proponent should plant trees at least 5 times of the loss that has been occurred while clearing the land for the project.	Indigenous trees like coconut trees, jack fruit trees, etc. are grown in the site.	Plate AS.3 – Indigenous trees grown in the site (Page 39)

G26	Disposal of spent oil from diesel engines should be as specified under relevant Rules/Regulations.	Not applicable as spent oil is not generated.	
G27	Explosives should be stored in magazines in isolated place specified and approved by the Explosives Department.	Scrupulously follows the directions contained.	
G28	A minimum buffer distance of 100 m from the boundary of the quarry to the nearest dwelling unit or other structures, not being any facility for mining shall be provided.	Statutory safe distance shall be maintained without fail.	
G29	100 m buffer distance should be maintained from forest boundaries.	Statutory safe distance shall be maintained without fail.	
G30	Consent from Kerala State Pollution Control Board under Water and Air Act(s) should be obtained before initiating activity.	Integrated Consent to Operate – Renewal (Consent No. QCO/PTA/02/R6/2023 dt. 22.05.2023 valid up to 15.08.2027), is obtained from Kerala State Pollution Control Board for the quarry. [Annexure G.30(1)] Integrated Consent to Operate – Renewal (Consent No. ICO/PTA/CR/52/R1/2020 dt. 30.10.2020 valid up to 31.12.2025), is obtained from Kerala State Pollution Control Board for the crusher unit. [Annexure G.30 (2)]	Annexure G.30 (1) - Copy of Integrated Consent to Operate - Renewal issued by Kerala State Pollution Control Board for the quarry (Pages A149 to A151) Annexure G.30(2) – Copy of Integrated Consent to

			Operate - Renewal issued by Kerala State Pollution Control Board for the crusher unit (Pages A152 to A153)
G31	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.	<p>Clearances are obtained from:</p> <ol style="list-style-type: none"> 1. Kalanjoor Grama Panchayath [Annexure G.31(1)] 2. Mining & Geology Department [Annexure G.31(2)] 3. Directorate General of Mines Safety [Annexure G.31(3)] 4. Petroleum and Explosives Safety Organization (former Explosives Department) [Annexure G.31(4)] 5. District Collector, Pathanamthitta [Annexure G.31(5)] 	<p>Annexure G.31(1) - Copy of licence (No. A8-1763/25 dt. 28.03.25 valid up to 31.03.2030) issued by Kalanjoor Grama Panchayath for the quarry (Page A154)</p> <p>Annexure G.31(2) – Copy of quarrying lease agreement executed for an area of 5.2377 hectares for a period from 04.03.25 to 03.03.35 (Pages A155 to A170)</p> <p>Annexure G.31(3) – Copy of conditions governing the use of Heavy Earth Moving Machinery without deep hole drilling and blasting</p>

			<p>issued by the Directorate General of Mines Safety (No. SZ/ BGR/ KL/ PTH/ 106(2)(b)/ P-135/ 2014-15/829 dt. 19.05.2015) (Pages A171 to A179)</p> <p>Annexure G.31(4) – Copy of renewed license (No. E/ SC/ KL/ 22/ 7(E8513) dt. 06.03.25 valid up to 31.03.2030) issued by the Petroleum and Explosives Safety Organization for possession for use of explosives from magazine (Page A180)</p> <p>Annexure G.31(5) - Copy of NOC (No. C7-848/2016 dt. 26.01.2016 valid for a period of 12 years from the date of issuing of quarrying lease) issued by District Collector, Pathanamthitta, for quarrying in Government Poramboke</p>
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			Land (Pages A181 to A183)
G32	In the case of any change(s) in the scope of the project, extent quantity, process of mining technology involved or in any way affecting the environmental parameters/impacts as assessed, based on which only the E.C. is issued, the project would require a fresh appraisal by this Authority, for which the proponent shall apply and get the approval of this Authority.	The company shall abide by the directions of SEIAA Kerala in such a context, if arises.	
G33	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	The company shall abide by the directions of SEIAA Kerala in such a context, if arises.	

	manner.		
G34	The stipulations by Statutory Authorities under different Acts and Notifications should be complied with, including the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and control of Pollution) act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006.	Strict compliance of the conditions is adhered to.	
G35	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 State	Advertisements regarding the obtaining of Environmental Clearance were given in two newspapers : 1. Mathrubhumi (Malayalam daily) dt. 30.08.2017 and 2. The New Indian Express (English daily) dt. 30.08.2017	

	<p>Environment Impact Assessment Authority (SEIAA) office and may also be seen on the website of the Authority at www.seiaakerala.org. The advertisement should be made within 10 days from the date of receipt of the Clearance letter and a copy of the same signed in all pages should be forwarded to the office of this Authority as confirmation.</p>		
G36	<p>A copy of the clearance letter shall be sent by the proponent to concerned Grama Panchayat / District Panchayat / Municipality / Corporation / Urban Local Body and also to the Local NGO, if any, from whom suggestions / representations, if any, were received while processing the proposal. The Environmental clearance shall also be put on the website of the company by the</p>	<p>Copy of EC has been forwarded to the Secretary, Kalanjoor Grama Panchayath.</p>	

	proponent.		
G37	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, Govt. of India and also to the State Environment Impact Assessment Authority (SEIAA).	<ul style="list-style-type: none"> • Conditions are being complied with. This sixteenth report is in compliance with the submission of six-monthly compliance reports and is for the period from April to September 2025. • Air and Noise quality analysis reports done during September 2025 is enclosed as Annexure G.37. 	Annexure G.37- Copy of report on Ambient Air and Noise Quality Monitoring (Pages A184 to A188)
G38	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 extent	The details of Environmental Clearance are prominently displayed in a metallic board, as stipulated herein.	Plate G.38 – EC display board (Page 53)

	of lease area and boundaries shall be depicted at the entrance of the quarry, visible to the public.		
G39	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.	Affidavit was submitted to SEIAA.	
G40	No change in mining technology and scope of working should be made without prior approval of the SEIAA, no further expansion or modifications in the mine shall be carried out without prior approval of the SEIAA, as applicable.	<ul style="list-style-type: none"> • No change in mining technology and scope of working is proposed at present. <p>Prior approval of SEIAA shall be sought if any change in mining technology and scope of working is proposed in future.</p>	

G41	The project proponent shall ensure that no natural water course and/or water resources shall be obstructed due to any mining operations. Necessary safeguard measures to protect the first order streams, if any, originating from the mine lease area shall be taken.	The condition shall be followed scrupulously.	
G42	Monitoring of Ambient Air Quality to be carried out based on the Notification 2009, as amended from time to time by the Central Pollution Control Board. Water sprinkling should be increased at places loading and unloading points and transfer points to reduce fugitive emissions.	<ul style="list-style-type: none"> • Monitoring of ambient air quality is done without fail. Copy of the report is attached as Annexure G.37. • Truck with sprinklers ply within project site sprinkling water at regular intervals in loading, unloading and transfer points to contain fugitive emissions. Further, sprinklers are also installed along the haul roads within the project site for sprinkling water at regular intervals. 	<p>Annexure G.37 – Copy of report on Ambient Air and Noise Quality Monitoring (Pages A184-188)</p> <p>Plate G.42 – Truck with sprinkler (Page 55)</p>
G43	The top soil, if any, shall temporarily be stored at earmarked site(s) only for the topsoil shall be used for land reclamation and plantation. The	<ul style="list-style-type: none"> • The top soil is dumped in specific sites earmarked for the purpose and shall be used for reclamation and plantation. • Overburden is being stored in pre-determined places 	

	<p>over burden (OB) generated during the mining operations shall be stacked at earmarked dump site(s) only. The maximum height of the dumps shall not exceed 8m and width 20m and overall slope of the dumps shall be maintained to 45°. The OB dumps should be scientifically vegetated with suitable native species to prevent erosion and surface run off. In critical areas, use of geo textiles shall be undertaken for stabilization of the dump. The entire excavated area shall be backfilled. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining.</p>	<p>within the project area. The height, width and slope of the dump shall be maintained as per the directions contained herein.</p> <ul style="list-style-type: none"> • The backfilling of the excavated area shall be done during mine closure. 	
G44	<p>Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, mineral and OB dumps</p>	<ul style="list-style-type: none"> • Catch drains are constructed around the mine working area to prevent runoff water and flow of sediments directly into the nearby water body. 	

	<p>to prevent run off of water and flow of sediments directly into the river and other water bodies. The water so collected should be utilized for watering the mine area, roads, green belt development, etc. The drains shall be regularly desilted particularly after monsoon and maintained properly.</p>	<ul style="list-style-type: none"> • Provision is made for periodic regular maintenance of the drains. 	
G45	<p>Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of PM₁₀ and PM_{2.5} such as haul road, loading and unloading points and transfer points. It shall be ensured that the Ambient air quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.</p>	<p>Provision is made for regular water sprinkling in critical areas such as haul road, loading and unloading point and transfer points for ensuring the Ambient Air Quality parameters are well within the prescribed standard limits.</p>	

G46	Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.	Provision is made for regular water sprinkling in critical areas such as haul road, loading and unloading point and transfer points for containing fugitive dust emissions. Sprinklers are installed along the haul roads within the project site for sprinkling water at regular intervals.	Plate G.5 – Sprinkler (Page 45)
G47	Measures should be taken for control of noise levels below 85 dBA in the work environment.	In order to control noise, proper timely maintenance of machinery under the supervision of qualified and competent person is being done.	
G48	A separate environmental management cell with suitable qualified personnel should be set up under the control of a Senior Executive, who will report directly to the Head of the Organization.	Environment Monitoring Cell (EMC) formed is functional and meets regularly.	
G49	The funds earmarked for environmental protection measures and CSR activities should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be	Corporate Social Responsibility (CSR) agreed upon is being implemented without fail.	

	reported to the State Environment Impact Assessment Authority (SEIAA) office.		
G50	The Regional Office of MoEF&CC located at Bangalore shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer(s) of the Regional office by furnishing the requisite data/ information/ monitoring reports.	Full co-operation shall be extended to the officer(s) of the Regional office by furnishing the requisite data/ information/ monitoring reports, as and when it is sought.	
G51	Any appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	No appeal sought for the present project.	
G52	Concealing the factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action	Shall abide by the stipulations of SEIAA in such a context, if arises.	

	under the provisions of Environment (Protection) Act, 1986.		
G53	The SEIAA may revoke or suspend the order, for non-implementation of any of the specific or this implementation of any of the above conditions is not satisfactory. The SEIAA reserves the right to alter/modify the above conditions or stipulate any further condition in the interest of environment protection.	Shall abide by the stipulations of SEIAA in such a context, if arises.	
G54	The above conditions shall prevail notwithstanding anything to the contrary, in consistent, or simplified, contained in any other permit, license on consent given by any other authority of the same project.	It is assured that we shall oblige with the directions issued by SEIAA from time to time.	
G55	This order is valid for a period of 5 years or the expiry date of mine lease period issued by the Government of Kerala, whichever is earlier.	Shall abide by the condition and renewal application shall be submitted well before the expiry of validity period specified herein.	

G56	The Environmental Clearance will be subject to the final order of the courts in any pending litigation related to the land or project, in any court of law.	No litigation is pending in any Court of Law at present with respect to this project.	
G57	The mining operation shall be restricted to above ground water table and it should not intersect ground water table.	The present depth of mining is still above the ground level and the condition shall be scrupulously followed as the mining progresses.	
G58	All vehicles used for transportation and within the mines shall have 'PUC' certificate from authorized pollution taking centre. Washing of all vehicles shall be inside the lease area.	Conditions are being followed scrupulously.	
G59	Project proponent should obtain necessary prior permission of the competent authorities for drawal of requisite quantity of surface water and ground water for the project.	The condition shall be followed scrupulously.	
G60	Regular monitoring of flow rates and water quality upstream and downstream of the springs and perennial nallahs flowing in and around the mine lease area shall	The condition shall be followed scrupulously.	

	be carried out and reported in the six-monthly reports to SEIAA.		
G61	Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.	Regular health check-ups are being conducted for workers engaged for the present project.	

IV. PLATES



Plate AS.3
Indigenous trees grown in the site



Plate G.1
Rain water harvesting area



Plate G.3
Avenue trees



Plate G.5
Sprinkler





Plate G.17
Benches

Plate G.19

Mining depth





Plate G.24

Transportation in covered truck



Plate G.38
EC display board

Plate G.42
Truck with sprinkler



V. ANNEXURE



**PROCEEDINGS OF THE STATE LEVEL ENVIRONMENT
IMPACT ASSESSMENT AUTHORITY, KERALA
THIRUVANANTHAPURAM**

*Present: Dr.H.Nagesh Prabhu IFS (Retd), Chairman; Dr.V.Venu IAS, Member
Secretary and Shri.K.Krishna Panicker, Member*

Sub:- SEIAA – Environmental Clearance issued to the Quarry Project of M/s Mavanal Granites Pvt Ltd in Sy.No.288/1(Part), Block No.32, Koodal Village, Konni Taluk, Pathanamthitta District, Kerala –Revalidation – Granted - Orders issued.

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

No. 81/SEIAA/KL/183/2013

dated: 17.11.2022

- Read:1. Environmental Clearance No. 57/2017 dated 16.08.2017
2. Judgment in WP(C) No.16330/2021 dated 11.09.2021 filed by M/s Mavanal Granites Pvt Ltd
3. Minutes of the 132nd SEAC meeting held on 13th to 15th September, 2022
4. Minutes of the 119th SEIAA meeting on 26th & 27th October 2022
5. G.O(Rt.) No.29/2019/Envt dated 12.04.2019



Environmental Clearance was issued vide paper read 1st above, to the Quarry Project of M/s Mavanal Granites Pvt Ltd in Sy.No.288/1(Part), Block No.32, Koodal Village, Konni Taluk, Pathanamthitta District, Kerala for a period of five years.

2. Vide Judgement read paper (2) above, the Hon'ble High Court disposed off the Writ Petition by directing the regulatory bodies concerned to call for additional recommendations from the appraisal committees after estimating the life of the project of the petitioner in respect of which EC had been issued, and there upon revalidate the EC granted to the petitioner. The proponent submitted the documents with request to revalidate EC on 31.07.2021.

(Signature)
A. PRADDEEP K N
ASST (ECONOMICS)
GRS&S - KALARJODH
PATNAMANTHITTA



3. After due appraisal in various Committees, in the 132nd SEAC meeting, the Committee noted the decision of the 127th meeting of the SEAC and 114th meeting of the SEIAA and examined the documents submitted by the proponent as directed by SEIAA including the plan for replacing Acacia plants with indigenous species to improve the biodiversity status. **The Committee recommended revalidation of EC with a project Life of 10 years from the date of issuance of original EC (16.8.2017) subject to the following specific conditions in addition to general conditions.**

1. Ensure provision of silt traps at 50m interval along the drain (flowing westward) to the large siltation pond on west side of the pillar no. M-1BP-12 (Both sides of the haulage road) and submit geotagged photographs
2. A new clarifier should be constructed after the existing siltation ponds and submit a geotagged photograph of the same.
3. The proponent should comply with the plan for replacing acacia plants with more indigenous species to improve the biodiversity status of the region within 5 years and implement the same in time-bound manner as submitted. The progress of the compensatory afforestation and geotagged photographs as proof should be incorporated in the Half Yearly Compliance Report.
4. Periodic cleaning of garland drains, silt traps, siltation pond and outflow channel should be carried out and geotagged photographs should be incorporated in the Half Yearly Compliance Report.
5. Transportation of mined material should not be done during the peak hours in the forenoon (8.30am to 10.30am) and afternoon (3.30pm to 5 pm).
6. Adequate sanitation, waste management and rest room facilities should be provided to the workers.
7. Adequate energy conservation measures proposed should be implemented including solar power installations.

4. In the 119th SEIAA held on 26th & 27th October 2022, the Authority perused the item and noted the decisions of various SEAC meetings, the field inspection report of the Sub-Committee and the CCR received from IRO, MoEF&-CC, Bangalore along with the recommendation of 132nd SEAC meeting. **The Authority decided to revalidate the Environmental Clearance for the project life of 10 years from the date of original EC (16.08.2017). The revalidation of EC is subject to the Terms and Conditions in the original EC in addition to the General Conditions and the following Additional Specific Conditions.**

1. Ensure provision of silt traps at 50m interval along the drain (flowing westward) to the large siltation pond on west side of the pillar no. M-1BP-12 (both sides of the haulage road) and submit geotagged photographs
2. A new clarifier should be constructed after the existing siltation ponds and submit a geotagged photograph of the same.
3. The Project Proponent should comply with the plan for replacing Acacia plants with more indigenous species to improve the biodiversity status of the region within 5 years and implement the same in time-bound manner as submitted. The progress of the compensatory afforestation and geotagged photographs as proof should be incorporated in the Half Yearly Compliance Report.


J. PRADEEPKUMAR
HSST (ECONOMICS)
KSS - KALAHASTUR
KANTHITA



4. Periodic cleaning of garland drains, silt traps, siltation pond and outflow channel should be carried out and geotagged photographs should be incorporated in the Half Yearly Compliance Report.
5. Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).
6. Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.
7. Adequate sanitation, waste management and rest room facilities should be provided to the workers.
8. Adequate energy conservation measures proposed should be implemented including solar power installations.
9. *The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

5. In this circumstance, Environmental Clearance issued vide paper 1st above is hereby revalidated for the project life of 10 years from the date of original EC (16.08.2017). The revalidation of Environmental Clearance is accorded subject to the Terms and Conditions mentioned in the original EC in addition to the General Conditions and the additional Specific Conditions mentioned in Para 4 above. The Project Proponent should ensure that no violation of EC conditions takes place during the revalidation period of EC. Violations of instances, if any shall be reported to the District Collector, Pathanamthitta.

6. The Half Yearly Compliance Report (HYCRs) with name of the project, EC No. and date, the period of submission with its contents, compliance report and environmental monitoring data & covering letter have to be uploaded in the Parivesh Portal as O.M. F.No.IA3-22/1/2022-IA-III(E)-17264 dated 14.06.2022 and the website of the project proponent. Hardcopy of HYCRs shall not be acceptable.



Administrator, SEIAA
For member secretary, SEIAA

J. Pradeep Kumar
J. PRADEEPKUMAR
HSST (ECONOMICS)
GHSR - KALANJOOR
PATHANAMTHITTA

To,

✓
Sri. K.N.Madhusoodhanan
M/s Mavanal Granites Pvt Ltd
Sreenikethanan
Kalanjoor.P.O., Konni,
Pathanamthitta- 689694



Copy to,

1. MoEF Regional Office, Southern Zone, Kendriya Sadan, 4th Floor, E&F Wing, II Block, Koramangala, Bangalore-560034.
2. The Additional Chief Secretary to Government, Environment Department, Government of Kerala.
3. The Director, Directorate of Environment & Climate Change, 4th Floor, KSRTC Bus Terminal, Thampanoor, Thiruvananthapuram, Kerala 695001.
4. The District Collector, Pathanamthitta
5. The Director, Mining & Geology, Thiruvananthapuram -4.
6. The Member Secretary, Kerala State Pollution Control Board
7. The District Geologist, Pathanamthitta
8. The Tahsildhar, Konni Taluk, Pathanamthitta District
9. The Secretary, Kalanjoor Panchayath, Pathanamthitta
10. Chairman, SEIAA.
11. Website.
12. S/f
13. O/c



Dept. of Mining & Geology
 District Office, Pathanamthitta
 Near Kendriya Vidyalaya
 KIP Building, Adoor P.O.
 Email: geo.pat.dmg@kerala.gov.in
 Dated :18-11-2024

No. 1218/DOPTA/M/2023

From

Geologist*

To:

Sri. K N Madhusoodhanan
 (Managing Director)
 M/s Mavanal Granites (P) Ltd.
 Sreenikethan, Kalarjoor P.O
 Pathanamthitta-689694

Sir,

Sub : Kerala Minor Mineral Concession Rules 2015 – approval of Scheme of Mining with Progressive Mine Closure Plan for Granite Building stone quarry situated in 5.2377 hectares in Sy. No. 288/1 (part) of Koodal Village, Konni Taluk submitted as per Rule 66 of KMMC Rules 2015 – reg.

Ref: 1. Kerala Minor Mineral Concession Rules 2015.
 2. Your application dated 03-07-2024.

Please refer to the above. I hereby approve Scheme of Mining with Progressive Mine Closure Plan submitted by you subject to the following conditions.

1. The Scheme of Mining with Progressive Mine Closure Plan is approved without prejudice to any other law applicable to the area from time to time whether made by Central Government, State Government or any other authority.
2. The Scheme of Mining with Progressive Mine Closure Plan is approved without prejudice to any order or direction from any court of competent jurisdiction.
3. It is also clarified that approval of your aforesaid Scheme of Mining with Progressive Mine Closure Plan does not in any way imply the approval of Government in terms of any other provisions of the Kerala Mining Mineral Concession Rules 2015.
4. It is further clarified that the approval of Scheme of Mining with Progressive Mine Closure Plan is subject to the provisions of other relevant statutes, orders and guidelines as may be applicable to the mining area from time to time.
5. The approval of the "Scheme of Mining with Progressive Mine Closure Plan" shall be revoked with immediate effect if it is found at a later stage that the information furnished in the plan are incorrect or false.

Yours faithfully,

Signed by Shyju P

MINING SCHEME

With

PROGRESSIVE MINE CLOSURE PLAN

FOR

"BUILDING STONE QUARRY - MINING PROJECT"

(Submitted under Rule 67 of Kerala Minor Mineral Concession Rules 2015)

Lessee Address:

SRI. K.N.Madhusoodanan (Managing Director)
M/s. Mavanal Granites (P) Ltd,
Sreenikethan, Kalanjoor (Po)
Pathanamthitta - Dist- 689 694
Kerala State

Site Address :

M/s. Mavanal Granites (P) Ltd.
Koodal Village,
Konni - Taluk,
Pathanamthitta - Dist,
Kerala State.

Lease area: 5.23.77 hectares,

S.Y. No: 288 / 1(Part) , Block No. 32 , Govt Land

Production Capacity: 1,05,500 tonnes per annum, Semi-mechanized quarry

Period of Lease 10 years

Prepared by:

Jayachandra Panicker.P.S,

Recognized Qualified Person

Regn No. DMG/KERALA/RQP/12/2017 Valid up to: 01.12.2027

S/o. Sukumara Panicker.K.P,

Souparnika, Navajyothi Nagar 39A,

Kadappakada Post, Kollam District - 691 008,

Kerala State.

Mobile : +91-9847001810

3/4
January - 2024



Geologist

Dept: of Mining and Geology
District Office: Pathanamthitta

This mining scheme is approved

18/1/24

INDEX

Sl.No	Particulars	Page No
REVIEW OF MINING PLAN		
1.1	Details Of Lessee	12
1.2	Details Of Mineral Concession in Kompas	12
1.3	Particulars of Quarrying Lease	12 to 13
1.4	Name Of Mineral For Which The Scheme Has To Prepared	13
1.5	Commencement Of Mining Operation	13
1.6	Date Of Intimation To DGMS Regarding Opening Of Mine	13
1.7	Details Of Environmental Clearance Issued	13
1.8	Particulars of Value Addition Unit if Present	14
1.9	Details of Last Approved Mining Plan	14
1.10	Details Of Modified Mining Plan If Submitted	14
1.11	Mineral Production Details	14 to 15
1.12	Details Of Deficiencies Existing In The Approved Mining Plan & Its Rectification In The Scheme	15
1.13	Review Of Compliance	15
1.14	Rehabilitation Details	15
1.15	Justifications Furnished Along With Proposal For Compliance In The Ensuring Period	16
1.16	Details Of Violation Notices From The Authorities Concerned	16
1.17	Details Of Actions Taken For Rectification & Imposition Of Fine By DMG If Any	16



Mining Scheme for M/s . Mavanai Granites Private Ltd in Koodal Village , Konni Taluk,
Pathanamthitta District

1.18	Details Of Accidents,Injuries/ Death & Compensation Paid	16
1.19	Particulars Of Court Case If Any	16
PROPOSAL UNDER SCHEME OF MINING FOR THE NEXT FIVE FINANCIAL YEARS		
2.0	Proposal Under Scheme Of Mining For The Next Five Financial Years	17 to 18
2.1	Details Of Recognised Qualified Person	18
2.2	Date Of Expiry Of Approval Granted	18
2.3	Details Of Labours & Designation	19
GEOLOGY AND EXPLORATION		
3.1	Topography	20
3.2	Regional Geology	20
3.3	Local Geology	20 to 21
3.4	Geological Section	21
3.5	Details Of Exploration	21
3.6	Method of Estimation Of Reserves	22
3.7	Reserves of Minerals	22
MINING		
4.1	Mining Method & Machinery Deployed	23
4.2	Particulars Of Development Plan & Sections	23
4.3	Particulars Of Production Plan	23
4.4	Change In Mining Methods & Deployment Of Machinery	23 to 24
4.5	Blasting Technique Adaopted	24
4.6	Generation & Disposal Of Waste	24



4.7	Details Of Dumps Build Up	25
4.8	Changes In Use Of Minerals	25
4.9	Production Plan	25
ENVIRONMENTAL MANAGEMENT PLAN		
5.1	Quality of air	27
5.2	Quality of water	27
5.3	During the proposed mining operations, noise pollution will be there due to following activities	27 to 28
6.0	Any other Information	28
PROGRESSIVE MINE CLOSURE PLAN		
	Introduction	29 to 30
1.1	Reason for non-closure	30
1.2	Statutory Obligation	30
1.3	Closure plan preparation	31
2.1	Water Quality management	31
2.2	Air Quality Management	31
2.3	Top Soil	31
2.4	Waste	32
2.5	Tailing Dam Management	32
2.6	Infrastructure	32
2.7	Safety and Security	32
2.8	Disaster Management and Risk Assessment	32
3.0	Care and Maintenance during temporary discontinuance	32
4.0	Conclusion	33



LIST OF ANNEXURES

1	Amaigamation Lease Proceedings Order	Annexure:1
2	Lease Proceedings Order , Deed Copy (Lease 1 & 2)	Annexure:2
3	Environment Clearance Order Copy	Annexure:3
4	NOC Copy	Annexure:4
5	Explosive Magazine Approval Copy	Annexure:5
6	HEMM Copy from DGMS Bangalore Copy	Annexure:6
7	Memorandum of Association & Certificate of incorporation	Annexure:7
8	Pollution Consent for Quarry and Crusher	Annexure:8
9	ID of the Authorized signatory	Annexure:9
10	RQP Certificate	Annexure:10



LIST OF PLATES

Plate No	PARTICULARS
1	Location Map
2	Lease Plan
3	Surface Cum Contour Plan
4	Geological Plan
5	Geological Cross Section
6	Year wise Production Plan
7	Year wise Production Section
8	Year wise Calculation Sheet
9	Conceptual / Mine Closure Plan
10	Conceptual / Mine Closure Section
11	Mineable Quantity Calculation Sheet
12	Mined Out Quantity Calculation Plan
13	Mined Out Quantity Calculation Section
14	Mined Out Quantity Calculation Sheet
15	Environmental (500 mtr Radius)/ Water Drainage Plan



CERTIFICATE

This is to certify that all the Provisions of the Mines Act, Kerala Minor Mineral Concession Rules 2015 and Regulations made there under have been observed in the preparation of Mining Scheme of 5.23.77 hectare of **M/s. Mavalal Granites (P) Ltd** in Koodal Village, Konni Taluk, Pathanamthitta District , by me and whenever any specific permission is required, the applicant will approach the concerned authorities of the Department of Mining and Geology – Pathanamthitta , Kerala.

It is also certified that information furnished in the Mining Scheme is true and correct to the best of our knowledge.



Jayachandra Panicker.P.S
DMG/KERALA/RQP/12/2017

Date: 3.7.2024
Place: K. K. Rajooor

JAYACHANDRA PANICKER P.S.
Recognised Qualified Person
RQP No: DMG/KERALA/RQP/12/2017

UNDERTAKING

I undertake that all the measures proposed in this Mining Scheme will be implemented in a time bound manner as proposed.

Date: K. K. Rajooor
Place: 3.7.2024



K.N. Madhusoodanan
(Managing Director)



AUTHORISATION LETTER BY LESSEE

Mr.K.N.Madhusoodanan, Managing Director for Granite Building Stone Quarry, hereby authorize Jayachandra Panicker.P.S, RQP No: DMG/KERALA/RQP/12/2017 to prepare the Mining Scheme Submitted under Rule 67 of Kerala Minor Mineral Concession Rules 2015, in respect of K.N.Madhusoodanan Granites Building Stone Quarry over an area of 5.23.77 hectare, for Building Stone Quarry in Koodal Village, Konni Taluk, Pathanamthitta District, Kerala.

Name of RQP: Jayachandra Panicker.P.S

Regd.No: DMG/KERALA/RQP/12/2017

Validity: 01.12.2027

Address of RQP:

S/o. Sukumara Panicker.K.P,
Souparnika, Navajyothi Nagar 39A,
Kadappakada Post, Kollam District – 691 008,
Kerala State.

Place: Kalarjori

Date: 3.7.24


K.N. Madhusoodanan
(Managing Director)



CERTIFICATE

I, R.Jayachandra Panicker.P.S, hereby certify that:

1. The provisions of Kerala Minor Mineral Concession Rules, 2015 have been observed in the Mining Scheme for **M/s. Mavanal Granites (P) Ltd** over on area **5.23.77** hectare, for Building Stone Quarry lease in Koodal Village, Konni Taluk, Pathanamthitta District , Kerala and wherever specific permission is required, the Lessee will approach the concerned authorities of Department of Mines & Geology for granting the permission.
2. It is also certified that the provisions of Mines Act., Rules and Regulation made thereunder have been observed in the aforesaid Mining Scheme and wherever specific permission are required, the lessee will approach the Director General of Mines Safety.
3. It is also certified that the information's furnished in the aforesaid Mining Scheme is true and correct to the best of my knowledge & belief and in case of default, the approval would be withdrawn.



Jayachandra Panicker.P.S
DMG/KERALA/RQP/12/2017

Place: *Koodal*

Date: *3.7.2024*

JAYACHANDRA PANICKER P.S.
Recognised Qualified Person
RQP No: DMG/KERALA/RQP/12/2017



DECLARATION

The Mining Scheme Plan for **M/s. Mavalal Granites (P) Ltd** over an area of **5.23.77** hectare, for mineral-stone Quarry in Koodal Village, Konni Taluk, Pathanamthitta District, and Kerala, belonging to K.N.Madhusoodanan , Kerala has been prepared in full consultation with me and I understand its contents and agree to implement the same in time bound manner as mentioned in the Mining Scheme .

Place: *Talayar*
Date: *3.7.2024*


K.N.Madhusoodanan
(Authorized Signatory)



MINING SCHEME

FOR BUILDING STONE QUARRY (MINOR MINERAL)

(Submitted under Rule 67 of Kerala Mineral Concession Rules 2015)

INTRODUCTION

This Mining Scheme is prepared for **Mr.K.N.Madhusoodanan**, of M/s . **Mavanal Granites Private Ltd**. It is prepared for the existing building stone quarry in Survey No: **288 / 1 part Block 32** of Koodal Village, Konni Taluk and Pathanamthitta District over an extent of **5.23.77** hectare .

Earlier the applicant was granted two mining leases in the area vide Mining Lease Proceedings No. 454/2013-14/8112/M3/2013 dt 7-10-2013 Valid up to 02-08-2023 over an extent of 4.04.69 Hec. and another mining lease vide Proceedings No. 423/2017-18/8795/M3/2017/DMG, Dt:09.10.2017 Valid upto:18.10.2027 over an extent of 1.19.08 Hec. Since the above two mining leases are adjacent to each other and in order to work the mine in a systematic and scientific manner they have been merged and amalgamated in to a single mining lease vide Mining Lease Proceedings No. 528/2017 -18/10061/M3/ 2017 Dated: 21.11.2017 over a total extent of 5.23.77 hectares, (Mavanal-1: 4.04.69 Hect + Mavanal-2: 1.19.08 Hec.). The amalgamated mining lease was expired on 02-08-2023 and the lessee was applied for renewal of the above lease for a further period of 10 years.

The total residual reserves of granite build stone in the total lease area of 5.23.77 Hec. is **10,55,879 tonnes**. The lessee is proposed to mine 1,05,500 tonnes per annum from the lease area under renewal. The lessee Mr.K.N.Madhusoodanan is having good knowledge of mining operations and undertaking quarrying operations for the past 15 years and successfully trading building stone jelly to the local market.

This Mining Scheme is prepared for the lease area over an extent of **5.23.77 hectare**. It is prepared and duly certified by RQP. This Mining Scheme is prepared at the request and with the consent of Lessee.



CHAPTER : 1

REVIEW OF MINING PLAN

1.1. Details Of Lessee: -

This area of Granite Building Stone quarry project is working with a Quarrying Lease granted by Director of Mining & Geology. **Mr.K.N.Madhusoodanan** is the Managing Director of **M/s. Mavanal Granites (P) Ltd** who operates the quarry lease. The address is given below:

Sri .K.N.Madhusoodanan, Managing Director

M/s .Mavanal Granites (Private) Ltd,

Sreenikethan, Kalanjoor Kerala – 689 694 .

Phone No : +91-94471-63737

Email : mavanalgroup@gmail.com
knmppl@gmail.com

1.2. Details Of Mineral Concession in Kompas :-

The quarrying lease number, Lease file reference number, Mineral concession number and mining entity code are available in Kerala Online Mining Permit Awarding Services portal of the Department of Mining and Geology.

1.3. Particulars of Quarrying Lease :-

Amalgamation Lease Proceeding No : 528/2017 -18/10061/M3/ 2017 Dated : 21.11.2017 valid up to 02-08-2023 over an extent of 5.23.77 Hec. The two leases amalgamated are,

Lease – 1:

Proc. No. 454/2013-14/8112/M3/2013 dt 7-10-2013 Valid up to 02-08-2023 over an extent of 4.04.69 Hec.

Lease – 2:



Proc. No. 423/2017-18/8795/M3/2017/DMG, Dt:09.10.2017 Valid upto:18.10.2027
over an extent of 1.19.08 Hec.

Copy of amalgamated lease and Lease-1 & 2 are attached in Annexure – 1 & 2.

ii) Amalgamated Lease EC Order No: 81/SEIAA/KL/183/2013 Dated :16.08.2017. EC
Order is attached in Annexure – 3.

iii) NOC copy from the District Collector, Pathanamthitta is attached in Annexure – 4.

1.4. Name Of Mineral For Which The Scheme of Mining is Prepared: -

The Quarrying lease has been granted for the extraction of the mineral "Granite
Building Stone".

1.5. Commencement Of Mining Operation: -

The mining operations in the existing quarry lease hold area has been started on
01.08.2013.

1.6. Date Of Intimation To DGMS Regarding Opening Of Mine :-

The intimation to the regional office, DGMS Bangalore on 19.05.2015. Permission has
been granted under Reg. 106(2b) of MMR, 1961 vide Permission Letter No:
SZ/BGR/KL/PTH/106(2)(b)/P-135/2014-15/829, Dated:19-5-2015

(Copy of Permission Letter is attached in Annexure – 6.

1.7. Details Of Environmental Clearance Issued:-

Environmental Clearance for the project was issued by State Environmental Impact
Assessment authority No. 81/SEIAA/KL/183/2013 Dated :16.08.2017. However as per
the verdict of Hon'ble High Court of Kerala, WP © 12439/2020 & common case
number WP © 17533/2020 clearly states that the validity of an Environmental
Clearance will be extended up to the life of mine of the mining project. From the
remaining mineable quantity of 10,55,879 tonnes, it is planned to mine 1,05,500
tonnes during the present scheme period (5 years) and balance quantity for next 5
years.



1.8. Particulars of Value Addition Unit if Present:-

Value addition unit is situated in the lease area has been registered in the Department of Mining & Geology under Rule 91 of KMMCR, 2015 for the production and sale of aggregates by operating with

Primary Crusher- C110 – 160 HP – 1000 mm x 800mm (1 No),

Secondary Crusher- 300 HP – Cone Crusher (1 No) and

VSI : 400 HP (1 No)

1.9. Review of Approved Mining Plan: -

The Mining Plan was approved on 16.11.2017 and the Mining scheme was approved on 06.06.2022 and approval No: 1939/DOPTA/M/2013.

1.10. Details Of Modified Mining Plan If Submitted :-

No modified mining plan is submitted.

1.11. Mineral Production Details :-

Existing Mined Out Quantity:-

Earlier the applicant was granted two mining leases in the area vide Mining Lease Proceedings No. 454/2013-14/8112/M3/2013 dt 7-10-2013 Valid up to 02-08-2023 over an extent of 4.04.69 Hec. and another mining lease vide Proceedings No. 423/2017-18/8795/M3/2017/DMG, Dt:09.10.2017 Valid upto:18.10.2027 over an extent of 1.19.08 Hec. Since the above two mining leases are adjacent to each other and in order to work the mine in a systematic and scientific manner they have been merged and amalgamated in to a single mining lease vide Mining Lease Proceedings No. 528/2017 -18/10061/M3/ 2017 Dated : 21.11.2017 over a total extent of 5.23.77 hectares, (Mavanal-1 : 4.04.69 Hect + Mavanal-2 : 1.19.08 Hec.). The amalgamated mining lease was expired on 02-08-2023 and the lessee was applied for renewal of the above lease for a further period of 10 years.



Based on ground survey using Electronic Total Station Survey equipment with sectional area method by RQP with mines Surveyor a total quantity of **21,48,957 tonnes** have been mined out which includes the quantity from the inception of the quarry . In the 1st Mining Scheme the total mined out quantity was 20,61,955 Tonnes. After the Mining Scheme period mined out quantity was 87,002 tonnes .

1.12. Details Of Deficiencies Existing In The Approved Mining scheme & Its Rectification In The Scheme:-

In the Mining scheme it was proposed to mine around 4,50,000 tonnes of building stone per annum and 11,42,881 tonnes in three years. During the Mining Scheme period totally 87,002 tonnes have been mined out. However in the present Scheme period the 1,05,500 tonnes per annum of building stone have been planned totaling 5,27,500 tonnes in the Five years period.

1.13. Review Of Compliance:-

In the Lease Period The company was spent 49.61 lakhs towards our CER activities. During the Mining Scheme Period the company spent Rs.12,10,495 towards Medical Donation and Social and School activities under CER funds.

PROPOSAL FOR CORPORATE SOCIAL RESPONSIBILITY (CSR)/ CORPORATE ENVIRONMENTAL RESPONSIBILITY (CER) FOR THE SCHEME PERIOD

During the present Mining scheme period Rs. 15 lakhs is budgeted for implementation of CER activity. The monitoring of CER activity will be done directly by the project proponent. All the above CER activities will be carried out by the proponent under the supervision of the beneficiary.

1.14. Rehabilitation Details:-

No rehabilitation was involved for this existing mining lease.



**1.15. Justifications Furnished Along With Proposal For Compliance In The
Ensuing Period**

It includes Systematic Programme with proper environment impact assessment, planning for offsetting the ill effects of development, implementing the programme for resource management, development planning, and close control over day-to-day operations, regular monitoring and auditing of environmental performance and collection of base line information which serve as a guide to determine how the future development will affect the environment compared to the present base line status.

1.16. Details Of Violation Notices From The Authorities Concerned

There is no violation notices have been issued from agencies like SEIAA, State Pollution Control Board (SPCB), DGMS etc.

**1.17. Details Of Actions Taken For Rectification & Imposition Of Fine By DMG
If Any;-**

As far as this mining lease is concerned so far, no fine has been imposed.

1.18. Details of Accidents, Injuries/ Death & Compensation Paid;-

There is no accident or injuries occurred in the mine during last 5 years.

1.19. Particulars Of Court Case If Any;-

There is no court case against the mining activities during plan period.



CHAPTER : 2

2.0.Proposal Under Scheme Of Mining For The Next Five Years.

Earlier the applicant was granted two mining leases in the area vide Mining Lease Proceedings No. 454/2013-14/8112/M3/2013 dt 7-10-2013 Valid up to 02-08-2023 over an extent of 4.04.69 Hec. and another mining lease vide Proceedings No. 423/2017-18/8795/M3/2017/DMG, Dt:09.10.2017 Valid upto:18.10.2027 over an extent of 1.19.08 Hec. Since the above two mining leases are adjacent to each other and in order to work the mine in a systematic and scientific manner they have been merged and amalgamated in to a single mining lease vide Mining Lease Proceedings No. 528/2017 -18/10061/M3/2017 Dated : 21.11.2017 over a total extent of 5.23.77 hectares, (Mavalal-1 : 4.04.69 Hect + Mavalal-2 : 1.19.08 Hec.). The amalgamated mining lease was expired on 02-08-2023 and the lessee was applied for renewal of the above lease for a further period of 5 years.

Based on ground survey using Electronic Total Station Survey equipment with sectional area method by RQP with mines Surveyor a total quantity of **21,48,957 tonnes** have been mined out which includes the quantity from the inception of the quarry. The total Mineable reserves mention in mining plan of granite build stone in the total lease area of 5.23.77 Hec. is **32,04,836 tonnes**. Based on ground survey total mined out quantity is **21,48,957 tonnes**. Therefore, Balance Mineable Reserve is 10,55,879 Tonns.

It is proposed to take around 1,05,500 tonnes of granite building stone per annum for the next 5 years totaling 5,27,500 tonnes. The year wise proposal is given below in table.



Mineral Production (Proposed) :-

Year	First year	Second year	Third year	Fourth year	Fifth year
Proposed Production	1,05,500 Ts	1,05,500 Ts	1,05,500 Ts	1,05,500 Ts	1,05,500 Ts
Total Proposed Production in this scheme Period	5,27,500 Tonnes				
Next 5 Years Proposed Production	5,28,379 Tonnes				
Total	10,55,879 Tonnes				

2.1. Details Of Recognised Qualified Person :-

Name of RQP: Jayachandra Panicker.P.S

Regd.No: DMG/KERALA/RQP/12/2017

Validity: 01.12.2027

Address of RQP:

S/o. Sukumara Panicker.K.P,

Souparnika, Navajyothi Nagar 39A,

Kadappakada Post, Kollam District – 691 008,

Kerala State.



2.2.Date Of Expiry Of Approval Granted :-

Date of expiry of Quarrying Lease is **02.08.2023** .

2.3 Details Of Labours & Designation :-

List of persons employed in the mine including the name and designation of person required to be posted as per Mines Act and Metalliferous Mines Regulation 1961. The Mine site office, Small Workshop, First Aid Room, Canteen & Rest Shelter are to be developed in the mine area. The toll numbers of employee including skilled and unskilled workers are 20 which include workers for mine and ancillary unit. The details of the employee/workers including their position and names in the organization are also given below:-

Sl.No	Category	Nos
Supervisory	Mines manager	1
	Mining Mate/Blaster	1
	Mechanical Supervisor	1
Non-Supervisory		
Despatch Assistant/Attendance Clerk		1
Skilled	Operator	2
Skilled	Drillers	3
skilled	Blasting Helper	2
Unskilled	Tipper Drivers	3
	Tipper Helpers	2
	Unskilled Workers	3
	Machine Helper	1
	Total	20



CHAPTER : 3

GEOLOGY AND EXPLORATION

3.1. Topography:-

Topographically the area is an elevated and undulating hill with slope towards north. There is no vegetation in the area. Due to rocky terrain the lease area is located in an hilly terrain where the highest level is 255.0m above MSL while the lowest level is 165.0m above MSL. Rain water is draining through the natural minor water courses towards northeast and north west and joining with seasonal nallah.

3.2. Regional Geology:-

Geologically, the district forms part of the Precambrian metamorphic shield comprising (i) Charnockite Group, Khondalite Group and Megmatite Complex of Archaean age, (ii) Acid intrusive of Proterozoic age and (iii) rocks of Cenozoic age (basic intrusive, Neogene and Quaternary). Charnockite group is the dominant formation of the area within which occur concordant, linear and lensoidal bodies of calc granulite and quartzite of Khondalite Group. The Charnockite Group comprises Charnockite (hypersthene granite), pyroxene-granulite and cordierite gneiss. Charnockite is the dominant rock and its variants are charnockite gneiss, massive charnockite and hypersthene-diopside gneiss. The rock is generally dark grey and crudely foliated. Cordierite gneiss occurs as impersistent bands within charnockite, while pyroxene granulite is seen as restites, mostly in the west. At places, charnockite is migmatized resulting in the formation of biotite gneiss, and garnet-biotite gneiss (Migmatite Complex). These rocks are predominant towards south. The area witnessed a period of igneous activity during the Proterozoic as evidenced from the granite and syeno-granite (acid intrusive) bodies. Pegmaite and quartz veins traverse the older rocks parallel to the regional foliation. Basic igneous activity, probably of Late Mesozoic age, is evidenced from the dolerite and gabbro dykes cutting across the older rocks. These dykes have a general NW-SE trend. Warkalli sediment of Neogene age are exposed near Thiruvalla. Along the western margin, the basement and sedimentary rocks have been lateritised.

3.3 Local Geology:-

The lease area is situated in granite terrain occurring in hill slope. Entire lease area is well exposed by charnockitic rock. The associated other rock type in the area is quartz-biotite-gneiss. The feldspar is seen occurring in the porphyritic structure. The charnockite rocks are massive and are occurring deep seated nature and also well exposed in the elevated hills.



GENERAL DESCRIPTION OF FORMATIONS:

General strike : The charnockite rocks are occurring in a massive form in the entire regional areas with a general strike of NW/SE with gentle dip.

Avg. Length of the deposit : 430.0 mtr

Avg. Width of the deposit : 130.0 mtr

Working bench level : 240.0 m MSL to 150.0m MSL .

Estimation Qty of Mavalal Granites (P) Ltd:-

Specific Gravity : 2.5

Geological reserve : 73,18,626 tonnes

(Including the quantity blocked up in mine Benches)

Mineable reserve : 32,04,836 tonnes

Total Mined Out Quantity : 21,48,957 tonnes

Balance Mineable reserve : 10,55,879 tonnes

Proposed annual Production : 1,05,500 Tonnes

Life of the mine will be 10 years ,

Geological plan with cross sections are enclosed in Plate 04 & 05. Mineable Calculation

Sheet enclosed plate No:11

3.4. Geological Plan and Sections:

Geological Plan is drawn at 1:2000 scale and shown in Plate No. 4. The Geological cross sections have been drawn in 1:1500 at 50m interval and shown in Plate No. 5. The Sections has been drawn across the strike of the host rock. Mineable Calculation Sheet enclosed plate No:11

3.5. Details Of Exploration:-

The lease area is already explored moreover the excavated pit gives the details of exposed rocks at depth. So no further exploration is required for this area. The details of mine pits have been shown in Surface cum Contour plan. (Plate No. 3).



3.6. Method of Estimation Of Reserves:-

The following points have been considered while calculating the reserves the building stone available in the lease area,

- Based on the actual geological mapping and cross section preparation, the proved reserve has been taken.
- The reserves of minerals have been estimated by using the cross sections drawn across the strike of the rock formation at 50 m interval. Cross sectional area have been calculated multiplied with the influence of such sections and depth to get the volume of the formations.
- The specific gravity of mineral has been taken as 2.5 ts / cu.m.
- The total depth of the mining operation is considered up to 140 MSL.

3 7.Reserves of Minerals:-

The reserves of minerals have been calculated and the geological and mineable reserves have been given in table

A	Geological Reserve (As per Mining Plan)	73,18,626 tonnes
B	Mineable Reserve (As per Mining Plan)	32,04,836 tonnes
C	Total Mined out Quantity from Quarry starting period	21,48,957 tonnes
D	Balance Mineable Reserve (D = (B - C)	10,55,879 Tonnes
E	Proposed annual Production	1,05,500 Tonnes

Mineable Calculation Sheet enclosed in Plate No : 11

Mined out Calculation Sheet enclosed in Plate No : 14



CHAPTER : 4

MINING:-

4.1. Mining Method & Machinery Deployed:-

The lease area is being worked in conventional open cast mining method with mine safety bench system. The mine semi mechanized by adapting system of jack hammer drilling with blast hole dia of 25mm. NONEL type of explosives are being used to control the fly rock and also for better fragmentation. The quarry pit is designed in such a way that the height of the mine bench is kept at 7.00 m and the width at 5.00 m min., maintaining a slope of 45° from the horizontal. The height and width of mine benches will be maintained as per the condition laid down by Directorate General of Mines Safety under Reg. 106(2b) and the permission was granted Vide Letter No : SZ/BGR/KL/PTH/106(2)(b)/P-135/2014-15/829 , Dated:19-5-2015 (Letter copy enclosed in Annexure - 4). Mining will be done with the help of machineries like rock drills, jack hammer, compressors, hydraulic excavators, breakers, etc.

4.2 . Particulars Of Development Plan & Sections:-

Yearly pit-wise development plan and sections will be attached in this scheme of Mining. Year wise Calculation Plan in Plate No: 6, Year wise Section in Plate no: 7 and Calculation Sheet enclosed in Plate No: 8

4.3. Particulars Of Production Plan:-

Year wise production plan and cross sections will be attached in this scheme of Mining.

4.4. Change In Mining Methods & Deployment Of Machinery:-

There is no change in proposed mining methods, deployment of machinery and method of Blasting. The machinery details are given below:-



SI No	Equipment	Capacity	Units	Output / hour
1.	Numatek Air compressor with Jack Hammers	100 PSI	2	
2.	Jack Hammers	32 mm	3	10 m / hour
3.	CAT-Pillar Hydraulic Poclain / PC200 L&T	---	2	80 t / hour
4	Breaker	---	2	---
5.	Front end loader	20 t	1	--
6.	Tippers		2	

4.5. Blasting Technique Adapted:-

BLASTING

The rock is hard, compact and at places it is fractured. The jack hammer drill holes of 25 mm dia is used for charging the explosives. Blasting is done by Nonel type of explosives to prevent fly rock and with less ground vibration. Nonel is a shock tube detonator designed to initiate explosions, in the blasting of rocks in mines and quarries. It is a thin plastic shock tube that has a light dusting of reactive powder on the inside surface. This tube will reliably transmit a low-energy signal from one point to another by means of shock wave phenomena much like a dust explosion. It will reliably detonate around sharp bends and through kinks. Because the detonation is sustained by such a small quantity of the reactive material, the outer surface of the tube remains intact during and after functioning. Nonel is initiated by detonating cord or by a blasting cap. It will reliably initiate instant or delay Nonel blasting caps. The design of nonel detonators incorporates patented technology, including the Cushion Disk (CD) and Delay Ignition Buffer (DIB) to provide reliability and accuracy in all blasting applications.

4.6 Generation & Disposal Of Waste

Mining area is not a fresh one, so the mine waste from the quarry site was dumped in a predetermined dumping yard which is situated adjacent to lease area.



4.7 Details Of Dumps Build Up

The quarry output is being sent for the building stone aggregates, m Sand etc... The granite aggregate products are transported to consuming centers for various needs such as construction of roads, bridges, buildings, etc. in nearby areas and elsewhere.

4.8 Changes In Use Of Minerals

There is no change in use of mineral in the proposed site

4.9 Production Plan

The System or method of working shall be performed as stipulated under formation of mine benches as per the Metalliferous Mines Regulations, issued under the Mines Act. Topsoil and overburden waste in the mining area is completely removed to expose the fresh building material. It is planned to mine around 1,05,500 tonnes of building stone every year for the next five years. Totally 5,27,500 tonnes of building stone is planned to be removed in the five year scheme period and balance quantity will be next scheme period. This scheme period year wise production table is given below in table.

Proposed Production details of the Quarry

Year wise	Production Tonnes	Waste as Mining Loss	Stripping Ratio Waste/ Production
1 st Year (2024 to 2025)	1,05,500	2,500	1:0.01
2 nd Year (2025 to 2026)	1,05,500	2,500	1:0.01
3 rd Year (2026to 2027)	1,05,500	0	1:0.00
4 th Year (2027 to 2028)	1,05,500	0	1:0.00
5 th Year (2028 to 2029)	1,05,500	0	1:0.00
TOTAL	5,27,500	5000	1:0.00



CHAPTER-5

ENVIRONMENTAL MANAGEMENT PLAN

Salient Items	As Per Approved Mining Scheme	Position At The End Of The 5th Years Mining Scheme	Proposal For Future Plan Period
Top Soil Storage, Preservation And Utilisations	No top soil and OB generated.	5000 Tonns OB Removed and it was used for road refilling and Plantation.	5000 Ts top soil and OB will be Generated and it will used for leveling the road and used for plantation.
Land Reclamation And Rehabilitation	nil	nil	Proposed area will be reclaimed
Waste Dump Management	nil	nil	nil
Afforestation Programme With Precautions For Survival & Protection Of Plantation	Proposal for planting 300 trees.	300 trees have been planted with survival rate of 60%	At the end of the life of mine, the possible area will be reclaimed with suitable plants and whole area will be fenced to prevent inherent entry of public and cattle



5.1 Quality of air

The quality of air at the mine area is fresh & resperable.

5.2 Quality of water

The quality of water in the wells outside the allotted area is potable. The mining operations is not touch the water table in the project site, so the quality of water remains the same.

5.3 Noise

Due to the following quarrying operations generally noise level in the area may enhance to some extent, (1) Drilling of holes and running of compressors. (2) Operation of excavators & dumpers. (3) Blasting of drill holes.

BLASTING:

Granite is compact rock, at places it is fractured also. Production from the fractured zone obtained with the help of excavator, whereas from compact zone the production is obtained by drilling and blasting. Drilling is being carried out by using jack hammer with the help of air compressor.

- The area is properly dressed by excavator to remove the loose boulders for efficient drilling and for avoiding jamming of drilling hammer and bits.
- Drill holes of 32mm diameter and 5.0/2.5 feet in depth will be done.
- To reduce the noise level the holes are blasted by using NONEL type of explosives.
- To maintain the bench height of 5M, sub bench of 2.5 m have been formed first and later on two benches have been merged to form bench height of 5m.
- The spacing and burden are maintained at 1.0 M.
- About 5 to 6 holes are blasted at a time.
- Yield per hole is around $2.0 \times 1 \times 1 = 2.0 \text{ m}^3$
- Number of blasts per day – 100 blasts



BLASTING PATTERN:

The blasting pattern is being designed as per the requirement of the rock fragmentation with desired production level. The controlled blasting is followed by adopting all the safety measures as per "MMR 1961". Multiple blast hole of 1.0 to 1.5m depth are drilled with the help of 32mm drill rod, jack hammer and air compressor of 110 cfm capacity.

a) Details of noise level

To control the noise level due to blasting an efficient type of NONEL explosives method area adopted. By using the above technique, the sound level due to blasting, ground vibration and also better fragmentation is achieved.

b) Details of vibration level

Only jack hammer small dia holes are used for mining. No heavy blasting is being carried out in the mine. More over NONEL explosive type is used for controlling the ground vibrations.

6. ANY OTHER INFORMATION

There is no further investigation carried out.



Jayachandra Panicker.P.S

DMG/KERALA/RQP/12/2017



K.N.Madhusoodanan

Authorized signature



PART-2

PROGRESSIVE MINE CLOSURE PLAN

INTRODUCTION

(a) Name and address of Managing Director:

Sri .K.N.Madhusoodanan, Managing Director
M/s .Mavanal Granites (Private) Ltd,

Sreenikethan, Kalanjoor Kerala – 689 694 .
Karuthedath House, Palappuram

Phone No : +91-94471-63737

Email : mavanalgroup@gmail.com

knmppl@gmail.com

1	State	:	Kerala
2	District	:	Pathanamthitta
3	Taluk	:	Konni
4	Village	:	Koodal
5	Survey Nos	:	288 / 1 part Block 32

c) Extent of Lease Area

TYPE OF LAND	Private owned Land
LEASE AREA (IN HECT)	5.23.77 Ha



(d) Method of mining

The lease area is being worked in conventional open cast mining method with mine safety bench system. The mine semi mechanized by adapting system of jack hammer drilling with blast hole dia of 25mm. NONEL type of explosives are being used to control the fly rock and also for better fragmentation. The quarry pit is designed in such a way that the height of the mine bench is kept at 7.00 m and the width at 5.00 m min., maintaining a slope of 45° from the horizontal. The height and width of mine benches will be maintained as per the condition laid down by Directorate General of Mines Safety. Already permission has been granted under Reg. 106(2b) of MMR, 1961 vide Permission Letter No : SZ/BGR/KL/PTH/106(2)(b)/P-135/2014-15/829 , Dated:19-5-2015 (Copy of Permission Letter is attached in Annexure – 6. Mining will be done with the help of machineries like rock drills, jack hammer, compressors, hydraulic excavators, breakers, etc.

e) Mineral Processing Operation

Since the demand for rock is for construction and road formations. The mined out material is transported to the crusher for crushing the blasted material for the required sizes to suit the market demand. M-Sand plant is also installed for construction purpose as alternate to river sand. Except the above, there is no other mineral processing is involved in the operation.

(1.1) Reason for non-closure

The total mineable reserves available in the mine during the beginning of scheme period is 10,55,879 tonnes. During this five year scheme period it is proposed to take around 5,27,500 tonnes. The balance mineable reserves will be use for the next 5 years.

(1.2) Statutory Obligation

All statutory obligations will be fulfilled as and when required.



(1.3) Closure plan preparation

Name of RQP: Jayachandra Panicker.P.S

Regd.No: DMG/KERALA/RQP/12/2017

Validity: 01.12.2027

Address of RQP:

S/o. Sukumara Panicker.K.P,

Souparnika, Navajyothi Nagar 39A,

Kadappakada Post, Kollam District – 691 008,

Kerala State.

2.0 CLOSURE PLAN

2.1 Water Quality management:

There is no natural water body in the lease area. Mining operation will terminate much before the water table and there is no intersection. No ground water management is required. There is well water available near the mine area which is suitable for drinking purposes.

2.2 Air Quality Management

Mining operation is of small scale so air pollution due to dust is negligible. Wet drilling is being adopted to minimize the dust. Water sprinklers are also used on either side of the road once in a day especially during the dry seasons to control the fugitive dust.

2.3 Top Soil

The thickness of top soil is 0 to 0.5 m and it will be completely removed from the mining area and will be used for leveling the road, plantation, garland ring etc.



2.4 Waste

Mining area is not a fresh area. Presently there is no generation of mine waste from the quarry site. However in future whenever any generation of waste it will be dumped in the predetermined dumping yard.

2.5 Tailing Dam Management

There is no tailing dam involved in the mining area.

2.6 Infrastructure

Infrastructure facilities such as mine road, mine garages, canteen, office buildings, first aid room, rest room, store room etc area already provided.

2.7 Safety and Security

The mine area is properly secured and no private and non mining persons are allowed in the mine. The mine is provided with 24 hours security personnel to safe guard the mine.

2.8 Disaster Management and Risk Assessment

Open cast mining method is adapted in this mine. The mine is provided with proper benching system as per the MMR, 1961. Provisions have been made for First Aid at the mine site, and the Public Health Centre with doctors attended nearby in case of any urgent need. Mine Related disaster management training is imparted to the personnel. Transportation facility is available at the mine site. The mine is managed by required statutory personnel.

3.0 Care and Maintenance during temporary discontinuance

During the temporary discontinuance the working place will be fenced completely and a notice board of discontinuance will be hanged on the main entrance of the working place. Round the clock security personnel will be deployed in the lease area safe guard the entire lease area.



4.0 CONCLUSION

The quarrying operations of the lease area are being carried out in accordance with the scheme of mining proposed for the next five years. All safety regulations will be adhered as per the mine regulations specified in the act.



Jayachandra Panicker.P.S

DMG/KERALA/RQP/12/2017



K.N. Madhusoodanan

Authorized signature



മൈനിംഗ് & ജിയോളജി ഡയറക്ടറുടെ നടപടിക്രമങ്ങൾ

വിഷയം:- ഖനിയും ഖനിയുടേയും- ചെറുകിട യാത്ര - കരിങ്കല്ല് - മാന്റേജിംഗ് ഡയറക്ടർ, മെ.മാവനാൽ ഗ്രാമപഞ്ചായത്ത് (പ്രൈവറ്റ്) ലിമിറ്റഡ്, ശ്രീനികേശൻ, കലണ്ടർ, പത്തനംതിട്ടയ്ക്ക് അനുവദിച്ചിട്ടുള്ള ക്വാറിയിംഗ് ലീസുകൾ അമാൽഗമേറ്റ് ചെയ്ത് ഉത്തരവ് പുറപ്പെടുവിക്കുന്നു-

- സൂചന:-
1. 7.10.2013 ലെ 454/2013-14/8112/എം3/2013 നമ്പർ നടപടി ഉത്തരവ്
 2. 9.10.2017 ലെ 423/2017-18/8795/എം3/2017/ഡിഎംജി നമ്പർ നടപടി ഉത്തരവ്
 3. പത്തനംതിട്ട ജിയോളജിസ്റ്റിന്റെ 6.11.2017 ലെ 1920/ഡിബിറ്റിഎ/എം/17 നമ്പർ കത്ത്
 4. ശ്രീ.കെ.എൻ.മധുസൂദനൻ, മാന്റേജിംഗ് ഡയറക്ടർ, മെ.മാവനാൽ ഗ്രാമപഞ്ചായത്ത് (പ്രൈവറ്റ്) ലിമിറ്റഡ്, ശ്രീനികേശൻ, കലണ്ടർ, പത്തനംതിട്ടയുടെ 6.11.2017 ലെ അപേക്ഷ
 5. 2015 ലെ കേരള മൈനർ മിനറൽ കൺസർവ്വേഷൻ ചട്ടങ്ങളും 22.6.2017 ലെ ഭേദഗതിയും

നം.528/2017-18/10061/എം3/2017/ഡിഎംജി തീയതി, തിരുവനന്തപുരം21.11.2017

ഉത്തരവ്

മെ.മാവനാൽ ഗ്രാമപഞ്ചായത്ത് (പ്രൈവറ്റ്) ലിമിറ്റഡ്, ശ്രീനികേശൻ, കലണ്ടർ, പത്തനംതിട്ട (മാന്റേജിംഗ് ഡയറക്ടർ, ശ്രീ.കെ.എൻ.മധുസൂദനൻ) യ്ക്ക് കോന്നി താലൂക്കിൽ, കൂടൽ വില്ലേജിൽ സർവ്വേ നം: 288/1ൽ ഉൾപ്പെട്ട 4.0469 ഹെക്ടർ സ്ഥലത്ത് നിന്നും പ്രതിവർഷം 2,40,000 മെട്രിക് ടൺ നിരക്കിൽ കരിങ്കല്ല് ഖനനം ചെയ്യുന്നതിലേയ്ക്കായി 10 വർഷത്തേയ്ക്ക് സൂചന (1) പ്രകാരം ക്വാറിയിംഗ് ലീസ് അനുവദിച്ചിരുന്നു. ടി ക്വാറിയിംഗ് ലീസ് 17.10.2013ൽ എക്സിക്യൂട്ട് ചെയ്യുകയും ആയതിന്റെ കാലാവധി 2.08.2023ൽ അവസാനിക്കുകയും ചെയ്യുന്നതാണ്.

പ്രസ്തുത സ്ഥാപനത്തിന് സൂചന (2) പ്രകാരം കോന്നി താലൂക്കിൽ കൂടൽ വില്ലേജിൽ സർവ്വേ നം: 288/1ൽ ഉൾപ്പെട്ട 1.1908 ഹെക്ടർ സ്ഥലത്ത് നിന്നും പ്രതിവർഷം 2,10,000 മെട്രിക് ടൺ നിരക്കിൽ കരിങ്കല്ല് ഖനനം ചെയ്യുന്നതിലേയ്ക്കായി 10 വർഷത്തേയ്ക്ക് മറ്റൊരു ക്വാറിയിംഗ് ലീസ് കൂടി അനുവദിച്ച് ഉത്തരവാകുകയും ടി ലീസ് 19.10.2017ൽ എക്സിക്യൂട്ട് ചെയ്യുകയും കാലാവധി 18.10.2027ൽ അവസാനിക്കുകയും ചെയ്യുന്നതാണ്.

മേൽപറഞ്ഞ രണ്ട് ക്വാറിയിംഗ് ലീസുകളിലും ഉൾപ്പെട്ട സ്ഥലങ്ങൾ ചേർന്ന് കിടക്കുന്നതാണെന്നും ആയത് അമാൽഗമേറ്റ് ചെയ്ത് ഉത്തരവാകണമെന്നും ആവശ്യപ്പെട്ട് അപേക്ഷാ സ്ഥാപനം സൂചന (4) പ്രകാരം അപേക്ഷ നൽകിയതായും പത്തനംതിട്ട ജിയോളജിസ്റ്റ് സൂചന (3) പ്രകാരം അറിയിച്ചിരുന്നു. അപേക്ഷയും ബന്ധപ്പെട്ട രേഖകളും അമാൽഗമേറ്റ് ചെയ്യുന്ന നടപടികൾക്കായി അയച്ച് തരികയും ചെയ്തിരിക്കുന്നു. ബന്ധപ്പെട്ട രേഖകൾ പരിശോധിച്ചതിൽ നിലവിലെ സാഹചര്യത്തിൽ ഈ രണ്ട് ലീസുകളും വ്യത്യസ്തമായി പ്രവർത്തിക്കുമ്പോൾ രണ്ട് ലീസുകൾക്കുമിടയിലുള്ള 15 മീറ്റർ നീളത്തിലുള്ള സ്ഥലത്ത് ഖനനം അസാധ്യമായി വരുമെന്നും ഭേദ സ്ഥലത്ത് രണ്ട് മൈനിംഗ് പ്ലാന്റ് പ്രകാരം ഖനനം നടത്തേണ്ടി വരുമെന്നും ബോധ്യപ്പെട്ടു. ആയത്



ക്വാറിയുടെ സുതമമായ പ്രവർത്തനത്തെ തടസ്സപ്പെടുത്തരുമെന്നും ബോധ്യപ്പെട്ടു. അമാൽഗമേഷന്റെ ആവശ്യത്തിലേയ്ക്കായി രണ്ട് ക്വാറിയിംഗ് ലീസുകളിലും ഉൾപ്പെട്ട സ്ഥലങ്ങളുടെ ഒരുമിച്ചുള്ള സർവ്വേ മാപ്പും ആകെ സ്ഥലത്തേയ്ക്കുള്ള പാരിസ്ഥിതികാനുമതിയും എക്സ്പ്ലോസീവ് ലൈസൻസും മൈനിംഗ് പ്ലാന്റും പൊല്യൂഷൻ കൺട്രോൾ ബോർഡിൽനിന്നുള്ള സമ്മതവും ഹാജരാക്കിയിട്ടുണ്ട്.

ഈ സാഹചര്യത്തിൽ താഴെപറയുന്ന ഉത്തരവ് പുറപ്പെടുവിക്കുന്നു.

മെ.മാവനാൽ ഗ്രാമനെറ്റ്സ് (പ്രൈവറ്റ്) ലിമിറ്റഡ്, ശ്രീനികേതൻ, കലഞ്ഞൂർ, പത്തനംതിട്ടയ്ക്ക് കോമ്പി താലൂക്കിൽ, കൂടൽ വില്ലേജിൽ ബ്ലോക്ക് നം: 32ൽ സർവ്വേ നം: 288/1ൽ ഉൾപ്പെട്ട 4.0469 ഹെക്ടർ സ്ഥലത്തേയ്ക്കുള്ള സൂചന (1) പ്രകാരം അനുവദിച്ച ക്വാറിയിങ് ലീസും 1.1908 ഹെക്ടർ സ്ഥലത്തേയ്ക്ക് സൂചന (2) പ്രകാരം അനുവദിച്ച ക്വാറിയിങ് ലീസും അമാൽഗമേറ്റ് ചെയ്ത് 5.2377 ഹെക്ടർ സ്ഥലത്തുനിന്നും കരിങ്കല്ല് ഖനനം ചെയ്യുവാൻ താഴെപ്പറയുന്ന നിബന്ധനകൾക്ക് വിധേയമായി 2015 ലെ ഭൂഭദ്രാ മൈൻ മിനറൽ കൺസഷൻ ചട്ടം 45എ പ്രകാരം അനുമതി നൽകി ഉത്തരവാകുന്നു. അമാൽഗമേറ്റ് ചെയ്ത ലീസുകളുടെ കാലാവധി 02.08.2023ന് അവസാനിക്കുന്നതായിരിക്കും. 02.08.2023 നു ശേഷം ടി ക്വാറികൾ പ്രവർത്തിക്കുന്നതിനായി ക്വാറിയിംഗ് ലീസുകൾ പുതുക്കേണ്ടതുണ്ട്.

1. 2015 ലെ ഭൂഭദ്രാ മൈൻ മിനറൽ കൺസഷൻ ചട്ടങ്ങളിലെ വ്യവസ്ഥകൾ പാലിക്കേണ്ടതാണ്.
2. രണ്ട് ക്വാറിയിംഗ് ലീസു ഉത്തരവുകളിലെയും നിബന്ധനകൾ പൂർണ്ണമായും പാലിക്കേണ്ടതാണ്.
3. ഖനനപ്രവർത്തനം നടത്തേണ്ടത് 5.2377 ഹെക്ടർ സ്ഥലത്തേയ്ക്ക് വകുപ്പ് അംഗീകരിച്ച് തൽക്കിയ മൈനിംഗ് പ്ലാൻ പ്രകാരമായിരിക്കണം.
4. രണ്ട് ക്വാറിയിങ് ലീസുകളിൽ ഉൾപ്പെട്ട സ്ഥലത്തുനിന്നുമായി 4,50,000 മെട്രിക് ടൺ കരിങ്കല്ല് ഖനനം ചെയ്യുന്നതിന് അനുമതി ഉണ്ടായിരിക്കും.

ഒപ്പ്
 റ്റി.കെ.രാമകൃഷ്ണൻ
 മൈനിംഗ് & ജിയോളജി ഡയറക്ടർ (i/c)

1. മാനേജിംഗ് ഡയറക്ടർ
 മെ.മാവനാൽ ഗ്രാമനെറ്റ്സ് (പ്രൈവറ്റ്) ലിമിറ്റഡ്
 ശ്രീനികേതൻ, കലഞ്ഞൂർ, പത്തനംതിട്ട ജില്ല, പിൻ 689 694
 2. ശ്രീ.കെ.എൻ.മധുസൂദനൻ
 മാനേജിംഗ് ഡയറക്ടർ
 മെ.മാവനാൽ ഗ്രാമനെറ്റ്സ് (പ്രൈവറ്റ്) ലിമിറ്റഡ്
 ശ്രീനികേതൻ, കലഞ്ഞൂർ, പത്തനംതിട്ട ജില്ല, പിൻ 689 694
- പകർപ്പ്:-

ജില്ലാ കളക്ടർ, പത്തനംതിട്ട
 ജിയോളജിസ്റ്റ്, ജില്ലാ ആഫീസ്, പത്തനംതിട്ട
 തഹസീൽദാർ, കോമ്പി
 ബ്ലോക്ക് ഫയൽ/ഫയൽ കോപ്പി



(ഉത്തരവിൻ പ്രകാരം)
[Handwritten Signature]
 സീനിയർ സൂപ്രണ്ട്

1225



കേരളം KERALA


AA 815102

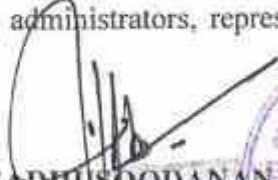
FORM - H
(See Rule 32)

QUARRYING LEASE



This indenture made this 17th day of October 2013 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 Sri. K.N. Madhusoodanan, Managing Director, Mavanal Granites Private Limited, Sreenikethan, Kalanjoor, Pathanamthitta District, aged 55 years, S/o. P.K. Narayana Panicker resident of Sreenikethan, Kalanjoor, Pathanamthitta in the village of Kalanjoor, Taluk of Adoor, Pathanamthitta District (hereinafter called the 'lessee' which expression shall where the context so admits, include his heirs, executors, administrators, representatives and permitted assigns) of the other part.


C. THAMBU CHERIAN
 Senior Geologist
 Dept. of Mining & Geology
 District Office Pathanamthitta


K.N. MADHUSOODANAN
 Managing Director
 Mavanal Granites Private Limited,
 Sreenikethan, Kalanjoor,
 Pathanamthitta



നമ്പർ 2082/4-10-13-100000 മെ. മന്ദ. മധ്യമന്ദ
 മംഗളം വാർഷിക മന്ദിരം മന്ദിരം
 മന്ദിരം മന്ദിരം മന്ദിരം മന്ദിരം

No. 1225/13

മുൻകരുതൽ സർട്ടിഫിക്കറ്റ്
പ്രദാനം ചെയ്തതിന്റെ തുടർച്ചയായി
പ്രദാനം ചെയ്ത സബ് രജിസ്ട്രാർ ഓഫീസിൽ
21 ന്റെ 32 ഏവകപ്പുനം സിദ്ധിച്ചു
പ്രദാനം ചെയ്ത സബ് രജിസ്ട്രാർ ഓഫീസിൽ
പ്രദാനം ചെയ്ത സബ് രജിസ്ട്രാർ ഓഫീസിൽ
പ്രദാനം ചെയ്ത സബ് രജിസ്ട്രാർ ഓഫീസിൽ
പ്രദാനം ചെയ്ത സബ് രജിസ്ട്രാർ ഓഫീസിൽ
പ്രദാനം ചെയ്ത സബ് രജിസ്ട്രാർ ഓഫീസിൽ
പ്രദാനം ചെയ്ത സബ് രജിസ്ട്രാർ ഓഫീസിൽ

Presented in the office of the Sub Registrar Brachyranjalam at 3.20 PM on the 21st day of October 2013 and affixed the photographs and thumb impressions of the Registrant under section 32A of Reg Act and paid a fee of Rs. 774821 - by

K.M. MADHUSOODANAN residing at
Sheenikethan
Managing Director
Mkvanal Granites Private Limited
Kalamyoor.

21st day of October 2013




Handwritten signature

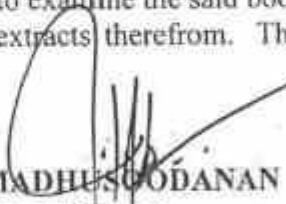


S. Suman
Sub Registrar
Circular stamp with a map of Kerala in the center.
Handwritten signature and scribbles over the stamp.

Witnesseth that in consideration of the rents and royalties and lessee covenants, hereinafter reserved and contained the State Government doth hereby demise unto the lessee the Patta land measuring **4.0469 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 **10 years (Ten only)** commencing from **..17..10..2012** and ending on **..2..8..2023.....** for the purposes of extracting minor mineral and subject to the terms and conditions contained in the Kerala Minor Mineral Concession Rules, 1967 (herinafter referred to as "the Rules") and to the terms and conditions hereinafter appearing.

1. The lessee shall have the right in and upon the said lands to extract **Granite Building Stone** (hereinafter called the said mineral) and to do all acts necessary for the extraction of the said mineral 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 shall during the subsistence of this lease have the liberty to work the said mineral and remove the same from the quarry hold on permits issued by the competent authority or any other officer authorized by him in this regard. The permits shall be issued only on the basis of pre-paid royalty at the rates specified in Schedule 1 to these Rules. The royalty rates shall be subject to revision from time to time as the State Government may order.
3. The lessee 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 the reserve forest then equal to land revenue plus cess, if any, per hectare of the land the surface whereof shall be occupied or used by the lessee for any of the purposes of this demise and so in proportion for any area less than a 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 shall at all time during the currency of this demise keep correct and intelligible books of account showing accurately the quantity of the said mineral 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 and children employed daily and shall at all reasonable times allow the competent authority appointed under the rules (hereinafter referred to as 'competent authority') or the officer authorized by him to examine the said books of account and the register of employees and to take copies and extracts therefrom. The lessee shall submit reports in forms F and G on the specified dates.


C. THAMBU CHERIAN
 Senior Geologist
 Dept. of Mining & Geology
 District Office Pathanamthitta


K.N. MADHUSOODANAN
 Managing Director
 Mavalan Granites Private Limited,
 Sreenikethan, Kalanjoor,
 Pathanamthitta



Mrs. S.M. Sadasivam, Madam residing at Kummakottu Thero Vilas,
8/o Madhav Kemp, Gensioner Thottamoor, Renai

Malbew.P. George Dr Residing at Mooly Shivan
^{Examiner}
S/o. George Ammakandakara.

Excelsim admitted by I have satisfied
myself as to the excelsim of the instrument
Sra Thambuchernan, Senior Geod Geologist
Dept. of Mining and Geology District
Office Pathanamthitta who is excempted
from personal appearance under section
88(2) of the Indian Regn Act.

21st day of October 2013. S. S. Suresh
Sub Registrar

Registered as no. 1225 of 2013 in Book I
Volume 42 pages 87 to 94. 7 sheets 2nd
Sheet. A map is attached.

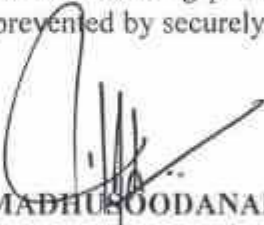
21st day of October 2013 S. S. Suresh
Sub Registrar



P.P. Nnan
District Registrar


5. All sums found due under or by virtue of this deed from the lessee may be recovered from him jointly and severally from them and his 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 shall at the lessee's 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. No quarrying operation or working shall be carried on or permitted to be carried on by the lessee in or under the said lands at any point within a distance of 75 metres from any railway line except with the previous permission in writing of the railway administration concerned; and from any bridge on the National Highway or 50 metres from any reservoir, canal or other public works such as public roads and buildings or inhabited site, burial ground, etc., shown on the plan thereto annexed except with the previous permission in writing of the State Government or otherwise than in accordance with such instructions, restrictions and condition either general or special which may be attached to such permission. The said distance of 50 metres shall be measured in the case of a railway, reservoir or canal horizontally from the outer edge of the bank or outer edge of the cutting, as the case may be and in the case of building horizontally from the plinth thereof. In the case of village roads no workings shall be carried on within a distance of 10 metres of the outer edge of the cutting except with the previous permission in writing of the State Government. 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 danger from falls of material, 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 secure 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 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.


C. THAMBU CHERRAN
 Senior Geologist
 Dept. of Mining & Geology
 District Office Pathanamthitta

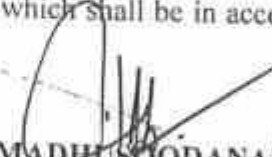

K.N. MADHUSOODANAN
 Managing Director
 Mavalan Granites Private Limited,
 Sreenikethan, Kalanjoor,
 Pathanamthitta




10. The lessee shall at all reasonable times allow any officer authorized 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 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.
- 10A. The lessee shall be responsible for implementing the provisions of the various labour laws applicable, from time to time, to the quarry.
11. The lessee 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 competent authority.
- 11A. Where the lease or any right, title or interest therein has been assigned, sublet or transferred as provided in rule 34 read with condition 11, 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.
12. The lease may be surrendered by the lessee at any time after three months notice in writing to the competent authority.
- Provided that the lessee has paid all sums due on account of the lease. Provided further that if the lessee elects 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.
13. On the expiration of the term of this lease or on its earlier determination under clause 12 the lessee shall pay to the State Government for all land which has been rendered useless for agriculture through the exercise of the powers demised by this lease such sum as the District Collector may fix as equivalent to the capitalised value or the land revenue of such land rendered useless. The lease shall continue if the sums are not cleared before the date of determination of notice.
14. If the lessee shall be desirous of taking a further lease of the said lands for a further term of years he shall give three months previous notice in writing of such desire to the competent authority and if the lessee has duly observed all the conditions of this lease, the competent authority may agree to renew the lease for such further term and on such terms and conditions as the competent authority may determine which shall be in accordance with the provisions of these Rules.

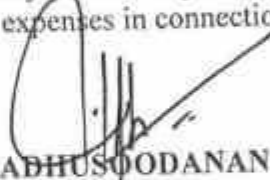

 S. THAMBIA
 Senior Geol.
 Dept. of Mines & Geol.
 District Office Pathan




K.N. MADHUSOODANAN
 Managing Director
 Mavalan Granites Private Limited,
 Sreenikethan, Kalanjoor,
 Pathanamthitta

15. If the lessee 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 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 competent authority to cancel this lease and take possession of the said lands or the alternative to receive from the lessee such penalty for the breach not exceeding 5 times the amount of the said yearly dead rent as the competent authority may fix.
16. If at the expiration of three calendar months after the expiry of the lease or its sooner determination, there shall remain in or upon this said lands, any engines, machinery, plant buildings, structures and other works erections and conveniences the said minerals or other property which the lessee is entitled to remove from the said lands, the same shall, if not removed by the lessee within one calendar month after notice in writing requiring their removal be given to the lessee by the 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 in respect thereof.
17. This lease is 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 employees or of the public, whether under the Indian Mines Act or otherwise.
18. The lessee 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.
19. The lessee shall furnish such reports and returns relating to output, labourers employed and other matters as the State Government may prescribe.
20. The lessee shall make and pay such reasonable satisfaction and 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 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 herewith.


C. THAMBU CHERIAN
 Senior Geologist
 Dept. of Mining & Geology
 District Office Pathanamthitta


K.N. MADHUSOODANAN
 Managing Director
 Mavalan Granites Private Limited,
 Sreenikethan, Kalanjoor,
 Pathanamthitta



21. Any condition prescribed in the Kerala Minor Mineral Concession Rules, 1967, but left out in this lease which may be found applicable to the lessee shall be treated as binding on the lessee. In this case anticipated royalty for the mineral at the rate of ₹16/- (Rupees Sixteen only) per tonne for a period of one year is ₹38,40,000/- (Rupees Thirtyeight lakhs and forty thousand only).
22. Dead Rent realisable at the rate of - 1st year ₹ nil, 2nd year ₹200/- and third year onwards ₹800/- per hectare subject to revision from time to time. Surface Rent at the rate of ₹100/- (Rupees One hundred only) per hectare for one year is for ₹405/- (Rupees four hundred and five only). Security deposit is ₹1000/- (Rupees One thousand only).

Two duplicate copies are also presented for Registration.


The Schedule above referred to Description of Land

District Taluk	Village or Amsam	Re Survey/ Survey No. of the area	Area in hectares
Pathanamthitta, Adoor	Koodal Village	Block No. 32, Sy. 288/1pt.	4.0469

Bounded by Survey Nos:

On the North by Sy. No. : 271, 272, 273, 274.
 On the East by Sy. No. : 274, 275, 276, 280.
 On the South by Sy. No. : 253, 254, 255, 288/1pt.
 On the West by Sy. No. : 254, 256, 288/1pt.


 C. THAMBU
 Senior Geologist
 Dept. of Mining & Geology
 District Office Pathanamthitta


 K.N. MADHUSOODANAN
 Managing Director
 Mavalan Granites Private Limited,
 Sreenikethan, Kalanjoor,
 Pathanamthitta



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

Signed by

C. THAMBU CHERIAN
Senior Geologist
Dept. of Mining & Geology
District Office Pathanamthitta

(For and on behalf of the Governor of Kerala)

In the presence of

1. S. Bheeya
Asst. Geologist
Mining & Geology,
District Office Pathanamthitta

2. Srinivasa P
Asst. Geologist
Mining & Geology
District Office
Pathanamthitta

Signed by

K.N. MADHUSOODANAN
Managing Director
Mavalan Granites Private Limited,
Sreenikethan, Kalanjoor
Pathanamthitta

(For and on behalf of the lessee)

In the presence of

1. K.M. Jadeswarar
Kumarakkattu Arumvihar,
Thottamam - Ranni

2. Manoj G
Niravul
Alu-mankal - PO
Koodal


Prepared by M. Thulasidas
Corrections and inter-lineations. : NIL

Kochambalathil veedu, Elamannoor
Licence No. DNA256

K.N. MADHUSOODANAN
Managing Director
Mavalan Granites Private Limited,
Sreenikethan, Kalanjoor,
Pathanamthitta



Duplicate 1 :- Two duplicates are registered along with the original. In the first duplicate, there is no difference between the original and duplicate. In the duplicate scoring and interlineations are nil.

Compared / Reader Shri M. Mathew, M.A. &
 by / Examiner Radhika Jay Lax 

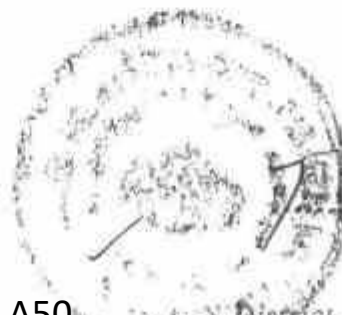
Eradi Mangalam.

21/10/15.



S. Suresh Kumar
 Sub-Registrar

~~20 sheets 1225~~
~~21 sheets 1225~~ 



...sheets... 7 sheet


P.P. N...
 District Registrar / Collector

Hand-drawn sketch of the area shown in the map, showing the location of the proposed project area and the surrounding roads and boundaries.

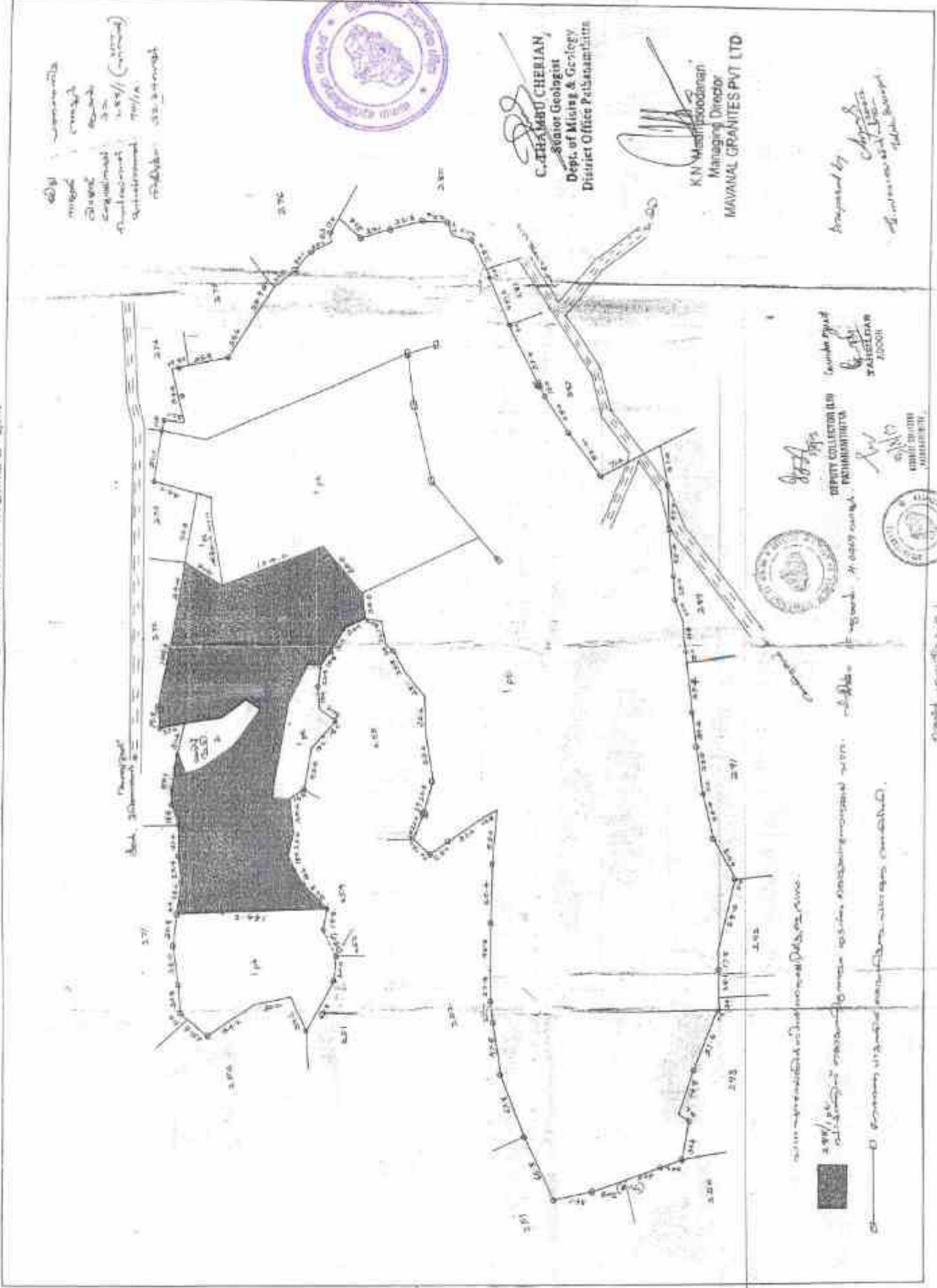
Handwritten notes in the top left corner, possibly detailing survey data or project specifications.



C. JAYARAM CHERIAN
Senior Geologist
Dept. of Mining & Geology
District Office Puthanambalita

KN Madhupoodanani
Managing Director
MAVANAL GRANITES PVT LTD

Prepared by
Chandrashekar
Geologist



Handwritten notes and stamps on the right side of the map, including a signature and a date.

DEPUTY COLLECTOR (D.O.)
PUTHANAMBALITA



Handwritten notes at the bottom of the map, providing additional details about the project area.

Doc No-100712/2017.



കേരള KERALA

F 175587



FORM H
(See Rule 43)
QUARRYING LEASE

This deed of lease made on this the 19th day of October.....2017 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 M/s. Mavanal Granites Private Limited, Sreenikethan, Kalanjoor. P. O, Pathanamthitta District (Represented by its Managing Director, Shri. K. N. Madhusoodanan, Son of P. K. Narayana Panicker, Aged 59 years, residing at Sreenikethan, Kalanjoor. P. O, Kalanjoor Village, Konni Taluk, Pathanamthitta District - 689 694) (hereinafter called

K. S. S. / 19 Oct 17
KRISHNENDU N.R.
Geologist
Dept: of Mining and Geology
District Office: Pathanamthitta
Mini Civil Station, Aranmula.



[Signature]
K.N. Madhusoodanan
Managing Director,
M/s Mavanal Granites Private Ltd,
Sreenikethan, Kalanjoor P.o, Konni, Pathanamthitta



മുഖ്യമന്ത്രിയുടെ അനുമതി നമ്പർ 3110/5-10-17. 500 രൂപയുടെ സ്റ്റാമ്പ് ഡ്യൂട്ടി അടയ്ക്കപ്പെട്ടിട്ടുള്ളതായി ഉറപ്പാക്കിയതിന്റെ അടിസ്ഥാനത്തിൽ ക്വറിയിംഗ് ലീസ് നൽകുന്നതിനുള്ള ഉത്തരവ്. കേരളം
കുറാശി റോഡ്, വെണ്ടർ
കെ. മാധുസൂദനൻ മാനേജിംഗ് ഡയറക്ടർ

Dolt No - 1007 [I] 2017

Presented in the office of the subregistrar of Enadimangalam on 26.10.2017 with photograph and finger prints of the presentant (Lessee) with photograph and finger prints of the presentant (Lessee) affixed under section 32(A) of Regn Act and paid a fee of Rupees 1020/- (Through Treasury payment) at 2.50 PM on the 26th day of October 2017 by

K.N. Madhusoodanan

Residing at Sreenikethan.

26th day of October 2017

MINI KAVIRAJ
SUB REGISTRAR

Execution Admitted by

K.N. Madhusoodanan

S/o. P.K. Narayana Parakkal, managing Director
M/s. Mavunjal Granites Private Ltd, Residing at
Sreenikethan, Kalarjool.

I have satisfied myself as to the execution of the instrument by Krishnendu N.R. geologist, Dept: of mining and geology District office Pathanamthitta, who is exempted from personal appearance under section 88(1) of Indian Regn Act.

26th day of October 2017

MINI KAVIRAJ
SUB REGISTRAR

Dolt No. 1007 of 2017

2017 [I] RA53

the "lessee/lessees" 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/Lessees' covenants, hereinafter reserved and contained the State Government hereby give on lease to the lessee/lessees the land measuring **1.1908 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 **Ten (10) years** commencing from the ~~...19.10.2017...~~ and ending on the ~~..19.10.2027.~~ 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

1. The lessee/lessees shall have the right in and upon the said lands to extract Granite Building Stone (here in after 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 authorized 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

K. N. Sreedhar
19.10.17
KRISHNENDU N.R.
Geologist
Dept: of Mining and Geology
District Office: Pathanamthitta
Mini Civil Station, Aranmula.



K.N. Madhusoodanan
K.N. Madhusoodanan
Managing Director,
M/sMavanal Granites Private Ltd,
Sreenikethan, Kalanjoor P.o, Konni, Pathanamthitta

Identified the first executant by

the above said K.N. Madhusoodanan
S/o. P.K. Narayanapandickal residing at
Greenickhan Kalarjoot is personally known

26th day of October 2017


MINI KAVIRAJ
SUB REGISTRAR

Registered as No 1007 of 2017 Book I

Volume 494 Pages from 45 to 102

8 sheets 2nd sheet two duplicates registered
with the original

26th day of October 2017


MINI KAVIRAJ
SUB REGISTRAR

Returned to the Authorised person
with the duplicates




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 there from. 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 here to annexed.
7. The lessee shall not carry on or allow to be carried on any quarrying operations at or to any points within a distance of 100 metres from any railway line except with the previous written permission of the railway administration concerned and any bridge on National Highway 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 one kilometer from the boundaries of National Park or Wildlife Sanctuaries except with the previous permission of the authorities concerned or the Government or competent authority.
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

K: $\frac{55 \text{ inch}}{15 \text{ Oct 17}}$

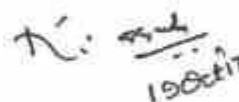
KRISHNENDU N.R.
Geologist
Dept: of Mining and Geology
District Office: Pathanamthitta
Mini Civil Station, Aranmula.




K.N. Madhusoodanan
Managing Director,
M/s Maval Granites Private Ltd,
Sreenikethan, Kalanjoor P.o, Konni, Pathanamthitta

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 the lessee/lessees has/have paid all sums due on account of the lease: Provided 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


KRISHNENDU N.R.
Geologist
Dept: of Mining and Geology
District Office: Pathanamthitta
Mini Civil Station, Aranmula.




K.N. Madhusoodanan
Managing Director,
M/sMavanal Granites Private Ltd,
Sreenikethan, Kalanjoor P.o, Konni, Pathanamthitta

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 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.
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. 25,000/- (Rupees twenty five thousand only) 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

K. N. Madhusoodanan
19 Oct 17
KRISHNENDU N.R.
Geologist
Dept: of Mining and Geology
District Office: Pathanamthitta
Mini Civil Station, Aranzmulla.



K.N. Madhusoodanan
Managing Director,
M/s Mavanal Granites Private Ltd,
Sreenikethan, Kalanjoor P.o, Konni, Pathanamthitta

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. 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.
23. In this case anticipated royalty for the mineral at rate of Rs. 24/- (Rupees twenty four only) per ton for a period of one year is **Rs. 50,40,000/- (Rupees fifty lakh forty thousand only)**
24. Dead rent realized at the rate of Ist year – NIL IInd year - Rs. 300/- (Rupees three hundred only) and IIIrd year onwards - Rs. 1,200/- (Rupees one thousand and two hundred only) per hectare subject to revision from time to time. Surface rent at the rate of Rs 200/- (Rupees two hundred only) per hectare for **one year** is **Rs. 238/- (Rupees two hundred and thirty eight only)** and security deposit is **Rs. 11,908/- (Rupees eleven thousand nine hundred and eight only)**

K. N. R.
19/8/17
KRISHNENDU N.R.
Geologist
Dept: of Mining and Geology
District Office: Pathanamthitta
Mini Civil Station, Aranmula.



K.N. Madhusoodanan
K.N. Madhusoodanan
Managing Director,
M/s Mavanal Granites Private Ltd,
Sreenikethan, Kalanjoor P.O, Konni, Pathanamthitta

SCHEDULE OF DESCRIPTION OF LAND

District : Pathanamthitta
Taluk : Konni
Village/Amsom : Koodal
Survey Nos. of the Area : 288/1
Area in Hectares : 1.1908 Htr

Bounded by Survey No:

On the North by : Sy. No. 271
On the East by : Sy. No. 288pt
On the South by : Sy. Nos. 251, 253, 254
On the West by : Sy. No. 288pt, 256, 251

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

Signed by *Krishnendu N.R.*
for and on behalf of the Governor of Kerala
KRISHNENDU N.R.
Geologist
Dept. of Mining and Geology
District Office: Pathanamthitta
Mini Civil Station, Aranmula.

In the presence of *[Signature]*

- (1) S.R. Mohan Pillay, General Revenue Inspector, Dept. of Mining & Geology, District Office, Pathanamthitta, Aranmula.
- (2) Sindhu Sivas, Sr. Clerk, Mining & Geology, District Office, Pathanamthitta. *[Signature]*

Signed by *[Signature]*

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

- (1) Suresh S *[Signature]*
Suresh Ashwan
Kalamoor, Pathanamthitta Dist
- (2) Ravicandran Varier *[Signature]*
Shanidayal Pore
Kodumal, 80
Pathanamthitta District



Krishnendu N.R.
1908/17
KRISHNENDU N.R.
Geologist
Dept. of Mining and Geology
District Office: Pathanamthitta
Mini Civil Station, Aranmula.

[Signature]
K.N. Madhusoodanan
Managing Director,
M/s Mavalan Granites Private Ltd,
Sreenikethan, Kalanjoor P.O, Konni, Pathanamthitta

2nd duplicate.

Two duplicates registered with the original
There is no difference between the original
and the duplicate. Both duplicate
scorings and interlineations will.

Compared by } Reader: Sudhesh-T. Senior clerk [Signature]
 } Examiner: Anapasukumar, clerk [Signature]

Enadimangalam
26.10.2017.

[Signature]
MINI KAVIRAJ
SUB REGISTRAR

Doc No 1007 of 2017

Book I 8 sheets 7 sheets



PROCEEDINGS OF THE DIRECTOR OF MINING & GEOLOGY

Sub: Mining & Geology - Mines & Minerals - Minor Minerals – Granite Building Stone – Quarrying Lease to M/s. Mavalan Granites Private Limited, Sreenikethan, Kalanjoor. P. O, Pathanamthitta District – 689 694 (Represented by its Managing Director, Shri. K. N. Madhusoodanan) – sanctioned – orders – issued.

- Ref:** 1. Application dtd. 15/02/2016 from M/s. Mavalan Granites Private Limited, Sreenikethan, Kalanjoor. P. O, Pathanamthitta District – 689 694 (Represented by its Managing Director, Shri. K. N. Madhusoodanan)
2. Letter No. 830/DOPTA/M/2017 dtd. 20/09/2017 from the Geologist, District Office, Pathanamthitta.
3. Pro.order. No. 81/SEIAA/KL/183/2013 dtd. 16/08/2017 of the State Environmental Impact Assessment Authority, Thiruvananthapuram, Kerala
4. Kerala Minor Mineral Concession Rules, 2015.

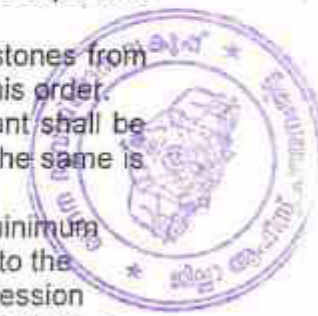
No. 423/2017-18/8795/M3/2017/DMG

Dated, Thiruvananthapuram 09/10/2017

ORDER

A quarrying lease is granted to M/s. Mavalan Granites Private Limited, Sreenikethan, Kalanjoor. P. O, Pathanamthitta District – 689 694 (Represented by its Managing Director, Shri. K. N. Madhusoodanan) to quarry Granite (Building Stone) over an area of 1.1908 Hectares of land comprised in Sy. No. 288/1 of Koodal Village, Konni Taluk, Pathanamthitta District for 10 (Ten) years from the date of execution of the quarrying lease deed under the Kerala Minor Mineral Concession Rules, 2015 and as per the survey map issued by the Tahsildar, Konni and the approved Mining Plan and environmental clearance submitted by the applicant subject to the under mentioned conditions.

1. Royalty is payable to Government as per Rule 32 of the Kerala Minor Mineral Concession Rules, 2015 in respect of minor mineral quarried and moved out of the quarry subject to revision from time to time on the basis of amendments to the schedule I of the said Rules.
2. Dead rent is realizable under 40(1)(d) of the said rules subject to revision from time to time on the basis of amendments to the schedule II of the said rules.
3. Surface rent realizable under 40(1)(e) of the said rules will be equal to the land revenue assessed by the Revenue Department subject to revision from time to time on the basis of the land revenue.
4. The lessee shall execute a quarrying lease deed within a period of six months from the date of this order in form 'H' as per Rule 43 of the Kerala Minor Mineral Concession Rules, 2015.
5. The lessee shall also deposit an amount of Rs 10,000/- (Rupees ten thousand only) per hectare as security deposit for the observance of the terms and conditions of the lease before the deed is executed as per rule 42 of the said rules. The lessee shall commence quarrying operation only after the deed is executed and registered.
6. The quarrying area shall be demarcated and boundary stones fixed at the lessee's expenses before execution of the quarrying lease deed.
7. The lessee shall not win and dispose of any type of dimension and decorative stones from the area over which the quarrying lease has been sanctioned on the strength of this order.
8. The production of Granite (Building Stone) from the area covered under this grant shall be subject to the quantity specified in the Mining Plan submitted by the lessee and the same is restricted to **2,10,000 Metric Tonnes** per year.
9. (i) The lessee shall erect a notice board in Malayalam at a prominent place with a minimum size of 1 metre X 1.5 metres in a metallic board near to the entrance of the quarry to the effect that it shall contain the name and address of the permit holder, mineral concession number and date, the mineral to extracted, permit number and date and its date of expiry, quantity of extraction permitted (if applicable). Area of extraction permitted, explosives used (if any), etc.



(ii) The lessee shall erect a warning board with danger sign regarding operation of the quarry, 100 metres away by the side of the road leading to it.

10. The lessee shall fence the lease area before the commencement of the quarrying operation for preventing accidents by falling of human beings, animals, vehicles or any materials into the quarry. The lessee should take effective preventive measures for the safety of labourers as well as the general public.

11. The lessee shall leave a distance of 7.5m from the boundaries of adjacent properties including government puramboke land while carrying out quarrying operations.

12. The lessee shall not assign, sublet or transfer his lease or any right or interest therein to any person without previous permission of the Director of Mining & Geology.

13. The lessee shall pay tax related to Revenue Department, if any, as directed by them and the details should be furnished to the Geologist periodically.

14. The lessee shall operate the quarry in accordance with the condition stipulated in the environmental clearance and mining plan submitted by them.

15. The lessee shall obtain all other statutory licences/clearances/No Objection Certificates from other authorities concerned including Explosive licence, consent from Pollution Control Board and D & O licence from the Local Self Government Department concerned.

The lessee shall produce scheme of mining before completion of five years of operation of the quarry.

The lessee shall produce a financial guarantee for Rs. 1,00,000/- (Rupees one lakh only) as stipulated in rule 62 of KMMC Rules 2015, before execution of lease deed.

The lessee shall pay 10% of the amount of royalty/consolidated royalty as the case may be paid by them, being the quarry safety fund in addition to the royalty/consolidated royalty, as per rule 63 of KMMC rules, 2015.

The lessee shall not carryout mining operations in the area unless he obtains order of amalgamation for the entire area of quarrying, ie., 5.2377 Hectares, for which he has obtained NOC from the District Collector, Pathanamthitta. The lessee shall also obtain statutory licences for operating the quarry in an area of 5.2377 Hectares, for which he has obtained NOC from the District Collector, Pathanamthitta. The lessee shall carryout mining operations as per the approved mining plan.

The lessee shall renew Environmental Clearance on or before 15/08/2022 for the operation of the quarry for the remaining period.

The quarrying permit granted from the district office, if any, in the area of this quarrying lease is hereby stands cancelled from the date of this order.

The terms and conditions stated in this order will be subject to such further modifications as may be made by the State Government from time to time.

Sd/-

T.K. Ramakrishnan
DIRECTOR OF MINING & GEOLOGY (I/C)

M/s. Mavanal Granites Private Limited, Sreenikethan, Kalanjoor. P. O,
Pathanamthitta District - 689 694 (Represented by its Managing Director,
Shri. K. N. Madhusoodanan)

1. The Director of Mines Safety,
No.5, 100FT,Road,17th Main, Koramangala 4th Block
Bengaluru, Karnataka - 560034
2. The District Collector, Pathanamthitta
3. The Geologist, District Office, Pathanamthitta
4. The Tahsildar, Konni
5. Stock File (2), File copy



(BY ORDER)
09/01/2017
SENIOR SUPERINTENDENT



Directorate of Mining & Geology
Kesavadasapuram, Pattom P.O.
Thiruvananthapuram-4
Tel: 0471-2447429
Fax: 0471-2447429
E.mail: director@dmg.kerala.gov.in
Web: www.dmg.kerala.gov.in
Dated : 7/10/2013

From The Director of Mining & Geology

To K.N.Madhusoodanan, Managing Director
M/s. Mavalal Granite (P) Limited,
Sreenikethan, Kalanjoor

Sir,

Sub : Mines and Minerals - Minor Minerals- Granite (Building Stone) -
Preparation and execution of quarrying lease deed - reg -
Ref : Proceedings Order No. 454/2013-14/8112/M3/2013 dated 7/10/2013 of the DMG

Please refer to the Proceedings Order cited wherein a quarrying lease for Granite Building Stone was granted to K.N.Madhusoodanan, Managing Director M/s. Mavalal Granite (P) Limited, Sreenikethan, Kalanjoor. I request you to prepare three copies of the quarrying lease deed original on plain paper and two on Rs. 100/- stamp paper and produce the same before the Senior Geologist, District Office, Pathanamthitta for scrutiny and execution. After scrutiny of the quarrying lease deed, the Geologist will inform you a date convenient for execution. The date of execution will be filled up by the Geologist at the time of execution. After execution, a certificate of remittance of the value of stamp paper may be obtained from the R.D.O. concerned. A chalan for Rs. 1000/- (Rupees One thousand only) being security deposit is enclosed herewith duly countersigned. Please affix your signature at the appropriate places before remittance of money in the treasury. The original treasury receipted chalan may also be produced along with the typed copies of the lease deed and draft form 'H' which is enclosed herewith, before the Senior Geologist, District Office, Pathanamthitta at the time of execution.

Please note that the quarrying lease deed has to be executed within a period of three months from the date on which quarrying lease has been granted and got registered in accordance with the Registration Act, 1908 vide Rules 32(1) and 33 of the Kerala Minor Mineral Concession Rules, 1967. Form 'E' is also enclosed herewith for strict compliance and to report thereof.

Yours faithfully

Amalathamban
7.10.2013

for DIRECTOR OF MINING & GEOLOGY

Encl : as above

Copy to : The Geologist, District Office : Pathanamthitta
(vide letter No.1939/DOPTA/M/2013 dated 23/8/2013).

He is instructed to execute the lease deed as and when it is received. The Original survey map is enclosed herewith. Please acknowledge. A copy of the lease deed may be forwarded to this office soon after registration. The area under this grant should be demarcated and boundary stones fixed before execution of the lease deed.

You are instructed to obtain and forward the Form E to this office. movement permits are to be given only on service of Form 'E' notice, which is statutory requirement.

You are further instructed to forward a photocopy of the registered lease deed to the Director of Mines Safety, Bangalore Region & District Collector. Also ensure that the proper fencing/wall/barricade etc. has been done before the execution of lease deed.



PROCEEDINGS OF THE DIRECTOR OF MINING & GEOLOGY

Sub : Mines & Minerals - Minor Minerals - Granite Building Stone - Quarrying lease to K.N.Madhusoodanan, Managing Director M/s. Mavanal Granite (P) Limited, Sreenikethan, Kalanjoor - sanction - orders issued.

- Ref : 1. Application dated 17/8/2013 from M/s. Mavanal Granite (P) Limited, Sreenikethan, Kalanjoor
2. Letter No.1939/DOPTA/M/2013.dtd.23/8/2013 from the Sr.Geologist, Dist.Office, Pathanamthitta
3. Kerala Minor Mineral Concession Rules,1967,
4. Lr. No.51/SEIAA/KL/7509/2012 dated 8/4/2013 from the Director, Department of Environment and Climate Change, Tvpm
5. NOC No. 67-29090/2012/D.Dis dated 3/8/2013 of the District Collector, Pathanamthitta

No. 454/2013-14/8112/M3/2013.

Dated, Thiruvananthapuram, 7/10/2013

ORDER

A quarrying lease is Granted to K.N.Madhusoodanan, Managing Director, M/s. Mavanal Granite (P) Limited, Sreenikethan, Kalanjoor to quarry Granite Building Stone over an area of 4.0469 hectares of Government land comprised in Survey No.288/1 Block No. 32 of Koodal Village, Adoor Taluk, Pathanamthitta District for 10 (Ten) years from the date of execution of the quarrying lease deed under the Kerala Minor Mineral Concession Rules, 1967 and as per the survey map issued by the Tahsildar Adoor and NOC issued by the District Collector, Pathanamthitta and submitted by the applicant subject to the under mentioned conditions and the conditions laid down in the Environmental clearance issued by the Department of Environment and Climate Change.

1. Royalty is payable to Government as per Rule 29(1)(c) of the Kerala Mineral Concession Rules, 1967 in respect of minor mineral quarried and moved out of the quarry subject to revision from time to time on the basis of amendments to the schedule I of the said Rules.
2. Dead rent is realisable under 29(1)(d) of the said rules subject to revision from time to time on the basis of amendments to the schedule II of the said rules.
3. Surface rent realisable under 29(1)(e) of the said rules will be equal to the land revenue assessed by the Revenue Department subject to revision from time to time on the basis of the land revenue.
4. The lessee shall execute a quarrying lease deed within a period of three months from the date of this order in form 'H' as per Rule 32 of the Kerala Minor Mineral Concession Rules, 1967.
5. The lessee shall also deposit an amount of Rs. 1000/- (Rupees One Thousand only) as security deposit for the observance of the terms and conditions of the lease before the deed is executed as per rule 31 of the said rules. The lessee shall commence quarrying operation only after the deed is executed.
6. The quarrying area shall be demarcated and boundary stones fixed at the lessee's expenses before execution of the quarrying lease deed.
7. The lessee shall not win and dispose any type of dimension and decorative stones from the area over which the quarrying lease has been sanctioned on the strength of this order
8. The production of Granite Building Stone from the area covered under this grant shall be restricted to 2,40,000 M.T (Two lakh & forty thousand Metric Tonnes only) per year during the tenure of this quarrying lease.



9. The lessee should exhibit a signboard and a notice board for the intimation of the public at the entrance of the quarry. The following information should be inscribed on the notice board both in English & Malayalam

For information:

Licence No	Validity period of the permit	Name of permit/ lease holder	Quantity permitted to be extracted
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10. The lessee should provide retention wall/barricade/fencing compound wall surrounding the quarry before the commencement of the quarrying operation for preventing accidents by falling of human beings animals and materials into the quarry. The lessee should take effective preventive measures for the safety of labourers as well as the general public.
11. The lessee should leave a distance of 7.5 m from the adjacent boundary lands while carrying out quarrying operations.
12. The lessee should not assign, sublet or transfer his lease or any right or interest therein to any person without previous permission of the Director of Mining & Geology.
13. The lessee shall pay tax related to Revenue department as directed by them and the details should be furnished to the Geologist periodically.
14. This is not a license for starting quarrying operations. Quarrying operations can be started only after getting the D & O licence from the concerned Local Self Government Institution under the Kerala Panchayat Raj Act.
15. The lessee shall obtain D&O licence from the LSG Institution and produce before the Geologist before commencement of quarrying operation in the lease hold land.
16. Quarrying operations without a valid D&O licence from LSG Institution shall be treated as illegal and such activity is punishable.
17. All conditions stipulated in the EIA clearance as per reference 4th cited is strictly adhered to.
18. Special condition: If the lessee obtain any RMCU registration in future and make excess production of Granite building stone than the permitted quantity on the strength of RMCU registration, he should pay necessary seneorage to Revenue Department for the whole production of GBS since the area is revenue land.

The terms and conditions stated in this order are subject to such further modifications as may be made by the State Government from time to time.

Sd/-
A.PRABHAKUMAR
DIRECTOR OF MINING & GEOLOGY

To :

K.N.Madhusoodanan,
Managing Director
M/s. Mavanal Granite (P) Limited,
Sreenikethan, Kalanjoor

Copy to :

1. The Director of Mines Safety, Bangaluru Region, No. 27, 24th Main
Next to IDBI Bank, V Phase, J.P.Nagar, Bangaluru- 560 078
2. The District Collector, Pathanamthitta
3. The Sr. Geologist, District Office ; Pathanamthitta
4. The Tahsildar, Adoor
5. Stock File (2)
6. File Copy

vk- 23/9



(By Order)
Andreas...
7.10.2013
Senior Superintendent

FORM - 'H'
(See Rule 32)

Quarrying Lease

This indenture made this 20 day of July 2000 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 K. N. Madhusoodaran aged 55 years son of P. K. Narayana Panicker resident of Shreekethan, Kalayoor, Pattanam Thitta in the village of Koodal taluk of the Adoor District (hereinafter called the "lessee/lessees" which expression shall where the context so admits, include his/her/their heirs, executors, administrators, representatives and permitted assigns) of the other part.

Witnesseth that in consideration of the rents and royalties and lessee / lessee's covenants, hereinafter reserved and contained the State Government both hereby demise upto the lessee/lessees the land measuring hectares described in the schedule hereunder the delineated on the plan here to annexed and therein coloured red (hereinafter called the "said lands") to hold the same for a period of 10 years ~~years~~ commencing from the day of and ending on the day of for the purposes of extracting minor minerals and subject to the terms and conditions contained in the Kerala Minor Mineral Concession rules, 1967 (hereinafter referred to as "the Rules") and to the terms and conditions hereinafter appearing

1. The lessee/lessees shall have the right in and upon the said lands to extract (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 off 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 quarry hold 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 an yearly surface rent equal to the land revenue if any, assessable under the rules for the time being the 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 demise and so in proportion for any area less than a 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 time during the currency of this demise 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 and children employed daily and shall at all reasonable times allow the competent authority appointed under the rules (hereinafter referred to as "competent authority") or the officer authorised by him/her them to examine the said books of account and the register of employees and to take copies and extracts there from. 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/her/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 time 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. No quarrying operations or working shall be carried on or permitted to be carried on by the lessee/lessees in or under the sand lands at any point within a distance of 75 meters from any railway line except with the previous permission in writing of the railway administration concerned, and from any bridge on the National Highway or 50 meters from any reservoir, canal or other public works such as public roads and buildings or inhabited site, burial ground etc. shown on the plan thereto annexed except with the previous permission in writing of the State Government/competent authority or otherwise than in accordance with such instructions, restrictions and condition either general or special which may be attached to such permission. The said distance of 50 meters shall be measured in the case of a railway, reservoir, or canal horizontally from the outer edge of the bank or outer edge of the cutting, as the case may be and in the case of a building horizontally from the plinth thereof. In the case of village roads no workings shall be carried on within a distance of 10 meters of the outer edge of the cutting except with the previous permission in writing of the State Government/competent authority. For the purposes of this clause the expression "railway and railway administration" shall have the same meaning as defined in sub section (4) and (6) of section 3 of Indian Railway Act, 1890 (IX of 1890).
8. The sides of open workings shall sloped, stepped or secured by the lessee in such a manner as to prevent danger from falls of material, 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.
- 10A. The lessee shall be responsible for implementing the provisions of the various labour laws applicable, from time to time to the quarry.
11. 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.
- 11A. Where the lease or any right, title or interest therein has been assigned, sublet or transferred as provided in rule 34 read with condition 11, 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 the time to time, to the quarry.
12. 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 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 terms of the lease deed.

3. On the expiration of the term of this lease or on its earlier determination under clause 12 the lessee/lessees shall pay to the State Government for all land which has been rendered useless for agriculture through the exercise of the powers demised by this lease such sum as the District Collector may fix as equivalent to the capitalized value or the land revenue of such land rendered useless. The lease shall continue if the sums are not cleared before the date of determination of notice.
- 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.
5. 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 an 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 in the alternative to receive from the



lessee/lessees such penalty for the breach not exceeding five times the amount of the said yearly dead rent as the State Government/competent authority may fix.

16. If at the expiration of three calendar months after the expiry of the lease or its sooner determination, there shall remain in or upon 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.
17. This lease is 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 the safety, health and convenience of the lessee/s/lessees employees or of the public, whether under the Indian Mines Act or otherwise.
18. 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.
19. The lessee/lessees shall furnish such reports and returns relating to output, labourers employed and other matters as the State Government may prescribe.
20. The lessee/lessees shall make and pay such reasonable satisfaction and 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.
21. Any condition prescribed in the Kerala Minor Mineral Concession Rules, 1967 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. 16/- ~~per tonne~~
 (Repeat criteria only) per tonne for a period of one year is Rs. 3840000/- *(Pay in three lach - eighty four thousand only)*
22. Dead rent realizable at the rate of Rs. ~~100~~ *nil* for first year, 2nd year *Rs. 200/-*
 third year onwards per hectare subject to revision from time to time. Surface rent at the rate of Rs. 100 *(one hundred only)* per hectare for *one* year is Rs. 400/-
 (Four hundred and five only) security deposit is Rs. 1000 *(one thousand only)*



The schedule above referred to Description of Land.

District Taluk	Village or Amsam	Re-Survey/Survey No of the area	Area in Hectares
Palakkad Adoor	Koodal	Block no: 32 288/1pt	4.0469



Bounded by
Sy Nos.

On the North by 271, 272, 273, 274
 On the East by 274, 275, 276, 280
 On the South by 253, 254, 255, 288/1pt
 On the West by 254, 256, 288/1pt

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

Signed by

P. J. 1070
 Director of Mining & Geology
 Thiruvananthapuram

for and on behalf of the Governor of Kerala

In the presence of

1.

2.

Signed by



**PROCEEDINGS OF THE STATE LEVEL ENVIRONMENT
IMPACT ASSESSMENT AUTHORITY, KERALA
THIRUVANANTHAPURAM**

*Present: Dr.H.Nagesh Prabhu IFS (Retd), Chairman; Dr.V.Venu IAS, Member
Secretary and Shri.K.Krishna Panicker, Member*

**Sub:- SEIAA – Environmental Clearance issued to the Quarry Project of M/s Mavanal
Granites Pvt Ltd in Sy.No.288/1(Part), Block No.32, Koodal Village,
Konni Taluk, Pathanamthitta District, Kerala –Revalidation – Granted -
Orders issued.**

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

No. 81/SEIAA/KL/183/2013

dated: 17.11.2022

- Read:1. Environmental Clearance No. 57/2017 dated 16.08.2017
2. Judgment in WP(C) No.16330/2021 dated 11.09.2021 filed by M/s Mavanal
Granites Pvt Ltd
3. Minutes of the 132nd SEAC meeting held on 13th to 15th September, 2022
4. Minutes of the 119th SEIAA held on 26th & 27th October 2022
5. G.O(Rt.) No.29/2019/Envtd dated 12.04.2019

ORDER

Environmental Clearance was issued vide paper read 1st above. to the Quarry Project of M/s Mavanal Granites Pvt Ltd in Sy.No.288/1(Part), Block No.32, Koodal Village, Konni Taluk, Pathanamthitta District, Kerala for a period of five years.

2. Vide Judgement read paper (2) above, the Hon'ble High Court disposed off the Writ Petition by directing the regulatory bodies concerned to call for additional recommendations from the appraisal committees after estimating the life of the project of the petitioner in respect of which EC had been issued, and there upon revalidate the EC granted to the petitioner. The proponent submitted the documents with request to revalidate EC on 31.07.2021.



3. After due appraisal in various Committees, in the 132nd SEAC meeting, the Committee noted the decision of the 127th meeting of the SEAC and 114th meeting of the SEIAA and examined the documents submitted by the proponent as directed by SEIAA including the plan for replacing Acacia plants with indigenous species to improve the biodiversity status. **The Committee recommended revalidation of EC with a project Life of 10 years from the date of issuance of original EC (16.8.2017) subject to the following specific conditions in addition to general conditions.**

1. Ensure provision of silt traps at 50m interval along the drain (flowing westward) to the large siltation pond on west side of the pillar no. M-1BP-12 (Both sides of the haulage road) and submit geotagged photographs.
2. A new clarifier should be constructed after the existing siltation ponds and submit a geotagged photograph of the same.
3. The proponent should comply with the plan for replacing acacia plants with more indigenous species to improve the biodiversity status of the region within 5 years and implement the same in time-bound manner as submitted. The progress of the compensatory afforestation and geotagged photographs as proof should be incorporated in the Half Yearly Compliance Report.
4. Periodic cleaning of garland drains, silt traps, siltation pond and outflow channel should be carried out and geotagged photographs should be incorporated in the Half Yearly Compliance Report.
5. Transportation of mined material should not be done during the peak hours in the forenoon (8.30am to 10.30am) and afternoon (3.30pm to 5 pm).
6. Adequate sanitation, waste management and rest room facilities should be provided to the workers.
7. Adequate energy conservation measures proposed should be implemented including solar power installations.

4. In the 119th SEIAA held on 26th & 27th October 2022, the Authority perused the item and noted the decisions of various SEAC meetings, the field inspection report of the Sub-Committee and the CCR received from IRO, MoEF& CC, Bangalore along with the recommendation of 132nd SEAC meeting. **The Authority decided to revalidate the Environmental Clearance for the project life of 10 years from the date of original EC (16.08.2017). The revalidation of EC is subject to the Terms and Conditions in the original EC in addition to the General Conditions and the following Additional Specific Conditions.**

1. Ensure provision of silt traps at 50m interval along the drain (flowing westward) to the large siltation pond on west side of the pillar no. M-1BP-12 (both sides of the haulage road) and submit geotagged photographs.
2. A new clarifier should be constructed after the existing siltation ponds and submit a geotagged photograph of the same.
3. The Project Proponent should comply with the plan for replacing Acacia plants with more indigenous species to improve the biodiversity status of the region within 5 years and implement the same in time-bound manner as submitted. The progress of the compensatory afforestation and geotagged photographs as proof should be incorporated in the Half Yearly Compliance Report.

4. Periodic cleaning of garland drains, silt traps, siltation pond and outflow channel should be carried out and geotagged photographs should be incorporated in the Half Yearly Compliance Report.
5. Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).
6. Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.
7. Adequate sanitation, waste management and rest room facilities should be provided to the workers.
8. Adequate energy conservation measures proposed should be implemented including solar power installations.
9. *The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

5. In this circumstance, Environmental Clearance issued vide paper 1st above is hereby revalidated for the project life of 10 years from the date of original EC (16.08.2017). The revalidation of Environmental Clearance is accorded subject to the Terms and Conditions mentioned in the original EC in addition to the General Conditions and the additional Specific Conditions mentioned in Para 4 above. The Project Proponent should ensure that no violation of EC conditions takes place during the revalidation period of EC. Violations of instances, if any shall be reported to the District Collector, Pathanamthitta.

6. The Half Yearly Compliance Report (HYCRs) with name of the project, EC No. and date, the period of submission with its contents, compliance report and environmental monitoring data & covering letter have to be uploaded in the Parivesh Portal as O.M. F.No.IA3-22/1/2022-IA-III(E)-17264 dated 14.06.2022 and the website of the project proponent. Hardecopy of HYCRs shall not be acceptable.



Administrator, SEIAA
For member secretary, SEIAA



To,

Sri. K.N.Madhusoodhanan
M/s Mavanal Granites Pvt Ltd
Sreenikethanan
Kalanjoor.P.O., Konni,
Pathanamthitta- 689694



ഭരണഭാഷാമാതൃഭാഷ

DCPTA/996/2023-C7

കളക്ടറേറ്റ്, പത്തനംതിട്ട

തീയതി :08-11-2023

പത്തനംതിട്ട ജില്ലാകളക്ടറുടെ നടപടിക്രമം

(ഹാജർ: ഷിബു .എ ഐ.എ.എസ്)

വിഷയം: കോന്നി താലൂക്കിൽ കൂടൽ വില്ലേജിൽ ബ്ലോക്ക് നമ്പർ 32 ൽ റീസർവ്വേ നമ്പർ 288/1 ൽ പ്പെട്ട 4.0469 ഹെക്ടർ സർക്കാർ പാറയും ഇതേ റീസർവ്വേ നമ്പറിൽ (288/1 ൽ)ഉൾപ്പെട്ട 1.1908 ഹെക്ടർ സർക്കാർ പാറയും അടക്കം ആകെ 5.2377 ഹെക്ടർ സർക്കാർ പാറ ഖനനം ചെയ്യുന്നതിന് നിരാക്ഷേപ സാക്ഷ്യപത്രം അനുവദിച്ച് ഉത്തരവാകുന്നത് സംബന്ധിച്ച്

- സൂചന:
- 1.)ശ്രീ.കെ.എൻ മധുസൂദനൻ ,മാനേജിംഗ് ഡയറക്ടർ ,മാവനാൽ ഗ്രാനൈറ്റ്സ് പ്രൈവറ്റ് ലിമിറ്റഡ് സമർപ്പിച്ച 25.11.22 ലെ അപേക്ഷ
 - 2.)അടൂർ റവന്യൂ ഡിവിഷണൽ ഓഫീസറുടെ 04.03.2023 ലെ B3-364/18 നമ്പർ കത്ത്
 - 3.)അഡീഷണൽ ചീഫ് സെക്രട്ടറി റവന്യൂ വകുപ്പിന്റെ 21.02.23 തീയതിയിലെ REV-P2/285/T7/REV/Part (3) നമ്പർ കത്ത്
 - 4.)അഡീഷണൽ ചീഫ് സെക്രട്ടറി റവന്യൂ വകുപ്പിന്റെ 20-04-2023 ലെ REV-P2/80/2023-REV നമ്പർ കത്ത്
 - 5.)ബഹു.കേരളാ ഹൈക്കോടതിയുടെ 24.08.2023 ലെ WP(C)-24814/2023 നമ്പർ വിധിന്യായം
 - 6.)ശ്രീ. കെ.എൻ മധുസൂദനൻ-ന്റെ 07.09.23 ലെ അപേക്ഷ
 - 7.)അഡ്വക്കേറ്റ് ജനറലിന്റെ കാര്യാലയത്തിൽ നിന്നുള്ള 12.09.23 ലെ H4-WPC NO-



24814/2023 നമ്പർ കത്ത് .

8.) പ്രിൻസിപ്പൽ സെക്രട്ടറി റവന്യൂ വകുപ്പിന് 19/09/2023 ൽ അയച്ച മേൽ നമ്പർ കത്ത്.

9.) മാവാനാൽ ഗ്രാനൈറ്റ്സ് ബഹു.കേരളം ഹൈക്കോടതി മുൻപാകെ ഫയൽ ചെയ്ത WP(C)-31330/2023 നമ്പർ കേസ്.

10.) പ്രിൻസിപ്പൽ സെക്രട്ടറി റവന്യൂ വകുപ്പിന് 04/10/2023 ൽ അയച്ച മേൽ നമ്പർ കത്ത്.

11.) മാവാനാൽ ഗ്രാനൈറ്റ്സ് ജില്ലാ കളക്ടർക്ക് എതിരെ ഫയൽ ചെയ്ത CO(C) 2256/23 നമ്പർ കോടതിയലക്ഷ്യ കേസ്.

12.) ബഹു.കേരളം ഹൈക്കോടതിയുടെ WP(C) No.31330/2023 നമ്പർ കേസിലെ 20.10.23 ലെ ഇടക്കാല വിധിന്യായം.

13.) കോന്നി തഹസിൽദാറിന്റെ 31.10.2023 ലെ TTKNI/756/2023-C4 നമ്പർ കത്ത് .

14.) ജിന്യാളജിസ്റ്റിന്റെ 02.11.2023 ലെ 1939/ഡി.ഓ.പി.റ്റി.എ /എ/2013 നമ്പർ കത്ത്.

കോന്നി താലൂക്കിൽ കൂടൽ വില്ലേജിൽ ബ്ലോക്ക് നമ്പർ 32 ൽ റീസർവ്വേ നമ്പർ 288/1 ൽ ട്രൂട്ടി 4.0469 ഹെക്ടർ സർക്കാർ പാറയും ഇതേ റീസർവ്വേ നമ്പറിൽ (288/1 ൽ) ഉൾപ്പെട്ട 11908 ഹെക്ടർ സർക്കാർ പാറയും അടക്കം ആകെ 5.2377 ഹെക്ടർ സർക്കാർ പാറയിൽ പാറഖനനം ചെയ്യുന്നതിനുള്ള നിലവിലെ നിരാക്ഷേപ സാക്ഷ്യപത്രത്തിനുള്ള (NOC) കാലാവധി അവസാനിക്കുന്നതിനാൽ ആയത് പുതുക്കി താൽകണമെന്ന് ആവശ്യപ്പെട്ട ശ്രീ K.N മധുസൂനേൻ ,മാനേജിംഗ് ഡയറക്ടർ മാവാനാൽ ഗ്രാനൈറ്റ് ലിമിറ്റഡ് എന്നയാൾ സൂചന (1) പ്രകാരം അപേക്ഷ സമർപ്പിച്ചതിന്റെ അടിസ്ഥാനത്തിൽ അടൂർ ആർ.ഡി.ഓ സൂചന 2) പ്രകാരം റിപ്പോർട്ട് ലഭ്യമാക്കിയിരുന്നു .

പാറ ഖനനവുമായി ബന്ധപ്പെട്ട സർക്കാരിലേക്ക് നിലവിൽ സീനിയറേജ് കടിശ്ശിക നിലനിൽക്കുന്ന ക്വാറികളെക്കുറിച്ച് ഈ കാര്യാലയത്തിൽ നിന്നും തഹസിൽദാർമാരോട് റിപ്പോർട്ട് ആരാഞ്ഞിരുന്നു . പ്രസ്തുത വിഷയത്തിൽ കോന്നി തഹസിൽദാർ സമർപ്പിച്ച 05.01.2023 ലെ C4-3414/19 നമ്പർ റിപ്പോർട്ടിൽ മാവാനാൽ ഗ്രാനൈറ്റ്സ് പ്രൈവറ്റ് ലിമിറ്റഡ് സീനിയറേജ് കടിശ്ശിക ഇനത്തിൽ 5,59,82,685/-രൂപ സർക്കാരിലേക്ക് ഒടുക്ക വരുത്തുവാൻ ഉള്ളതായി റിപ്പോർട്ട് ചെയ്തിരുന്നു.ഇതിന് പുറമെ അപേക്ഷകൻ മാനേജിംഗ് പാർട്ണർ ആയിട്ടുള്ള വയോ റോക്ക് മൈനിംഗ് ഇൻഡസ്ട്രീസ് 99,80,061/-രൂപ സർക്കാരിലേക്ക് ഒടുക്ക വരുത്തുവാൻ ഉള്ളതായും കോന്നി തഹസിൽദാർ റിപ്പോർട്ട് ചെയ്തിരുന്നു.



കോന്നി താലൂക്കിൽ കൂടൽ വില്ലേജിൽ ബ്ലോക്ക് നമ്പർ 32 ൽ റീസർവ്വേ നമ്പർ 288/1 ൽ ചെട്ടു സർക്കാർ പാറ ഖനനം ചെയ്യുന്നതിന് ശ്രീ.കെ.എൻ മധുസൂദനൻ ,മാനേജിംഗ് ഡയറക്ടർ മാവാനാൽ ഗ്രാമനെറ്റ് ലിമിറ്റഡ് എന്നയാൾക്ക് 03.08.13ലെ ജില്ലാ കളക്ടറുടെ C7-29090/12 നമ്പർ ഉത്തരവ് പ്രകാരം 4.0469 ഹെക്ടറിന് 10 വർഷ കാലാവധിയിലും 26.01.2016 ലെ C7-848/16 നമ്പർ ഉത്തരവ് പ്രകാരം 1.1908 ഹെക്ടറിന് 12 വർഷ കാലാവധിയിലും നിരാക്ഷേപ സാക്ഷ്യപത്രങ്ങൾ അനുവദിച്ചിരുന്നതും പ്രസ്തുത സ്ഥലങ്ങൾ ഒരേ സർവ്വേ നമ്പറിൽ ഒന്നായി കിടക്കുന്നതിനാൽ ഡയറക്ടർ ,മൈനീംഗ് & ജിയോളജി വകുപ്പ് 21.11.2017 ലെ 528/2017-18/10061/M3/2017/DMG നമ്പർ ഉത്തരവ് പ്രകാരം പ്രസ്തുത ലീസുകൾ അമാൽഗമേറ്റ് ചെയ്തിരുന്നതും ആയതിന്റെ കാലാവധി 02.08.2023 ൽ അവസാനിക്കുന്നതുമാണ് എന്നും, മാവാനാൽ ഗ്രാമനെറ്റ്സ് പ്രൈവറ്റ് ലിമിറ്റഡ് ബഹു.കേരള ഹൈക്കോടതി മുൻപാകെ ഫയൽ ചെയ്ത WP(C)-40106/18 നമ്പർ കേസിൽ ഇടക്കാല വിധി അടുത്ത പോസ്റ്റിംഗ് വരെ നീട്ടിയിട്ടുണ്ട് എന്നും ,റവന്യൂ വകുപ്പ് അഡീഷണൽ ചീഫ് സെക്രട്ടറിയുടെ 21.02.23 തീയതിയിലെ REV-P2/285/17/REV/Part (3) നമ്പർ കത്തിൽ നിലവിൽ ഖനനം നടത്തിക്കൊണ്ടിരിക്കുന്ന സ്ഥാപനങ്ങൾക്കും വ്യക്തികൾക്കോ ഒരു പ്രാവശ്യം കൂടി പാട്ടം അനുവദിക്കാം എന്ന് സ്പെഷ്യാലിസേഷൻ നൽകിയിട്ടുണ്ട് എന്നും ആയതിനാൽ മാവാനാൽ ഗ്രാമനെറ്റ്സ് പ്രൈവറ്റ് ലിമിറ്റഡ് നിലവിലുള്ള വ്യവസ്ഥകൾക്ക് വിധേയമായി പ്രസ്തുത സ്ഥാപനത്തിന് എൻ ഒ സി അനുവദിക്കുന്നതിൽ അപാകത ഇല്ല എന്നും റവന്യൂ ഡിവിഷണൽ ഓഫീസർ അട്ടൂർ സൂചന (2) പ്രകാരം റിപ്പോർട്ട് ചെയ്തിരുന്നു .

സർക്കാരിൽ നിന്നുള്ള സൂചന (3) പ്രകാരമുള്ള കത്തിൽ നിലവിൽ ഖനനം നടത്തിക്കൊണ്ടിരിക്കുന്ന സ്ഥാപനങ്ങൾക്കും വ്യക്തികൾക്കോ ഒരു പ്രാവശ്യം കൂടി പാട്ടം അനുവദിക്കാം എന്ന് സ്പെഷ്യാലിസേഷൻ നൽകിയിരുന്നു .28/01/2021 തീയതിയിലെ G.O.(Ms)No.28/2021/RD ഉത്തരവിലെ Procedure for quarrying after lease period if application is submitted by the same individual/organization എന്ന ഖണ്ഡികയ്ക്ക് സൂചന (3) പ്രകാരമുള്ള കത്തിൽ നിലവിൽ ഖനനം നടത്തിക്കൊണ്ടിരിക്കുന്ന സ്ഥാപനങ്ങൾക്കും വ്യക്തികൾക്കോ ഒരു പ്രാവശ്യം കൂടി പാട്ടം അനുവദിക്കാം എന്ന് സ്പെഷ്യാലിസേഷൻ നൽകുകയും ചെയ്തിരുന്നു .

മേൽ സാഹചര്യത്തിൽ സീനിയറേജ് കിഴ്ശ്ശിക വരത്തിയ കക്ഷിയ്ക്ക് /സ്ഥാപനത്തിന് സൂചന (3) കത്തിന്റെ അടിസ്ഥാനത്തിൽ വീണ്ടും നിരാക്ഷേപ സാക്ഷ്യപത്രം അനുവദിക്കാമോ എന്ന വിഷയത്തിലും ,അപ്രകാരം അനുവദിക്കുകയാണെങ്കിൽ 28/01/2021 തീയതിയിലെ G.O.(Ms)No.28/2021/RD ഉത്തരവിൽ പരാമർശിക്കുന്ന പുതുക്കിയ നിരക്ക്,സെക്യൂരിറ്റി നിക്ഷേപം എന്നിവ ഈടാക്കുന്നത് സംബന്ധിച്ചും സ്പെഷ്യാലിസേഷൻ നൽകുന്നതിലേക്കായി സർക്കാരിലേക്ക് അപേക്ഷിച്ചിരുന്നു.

പാറ ഖനനവുമായി ബന്ധപ്പെട്ട സർക്കാരിലേക്ക് നിലവിൽ സീനിയറേജ് കിഴ്ശ്ശിക നിലനിൽക്കുന്നതിനാൽ മാവാനാൽ ഗ്രാമനെറ്റ്സ് പ്രൈവറ്റ് ലിമിറ്റഡ്-ന് നിരാക്ഷേപ സാക്ഷ്യപത്രം പുതുക്കി നൽകേണ്ടതില്ലെന്നും ടി



സ്ഥാപനത്തെ കരിമ്പട്ടികയിൽ ഉൾപ്പെടുത്തണമെന്നും സൂചന (4) പ്രകാരം സർക്കാർ നിർദ്ദേശിച്ചിരുന്നു ആയതിന്റെ അടിസ്ഥാനത്തിൽ മാവാനാൽ ഗ്രാനൈറ്റ്സ് പ്രൈവറ്റ് ലിമിറ്റഡ്-ന് നിരാക്ഷേപ സാക്ഷ്യപത്രം (NOC) പുതുക്കി നൽകുന്നതിനുള്ള നടപടികൾ ഈ കാര്യാലയത്തിൽ നിർത്തി വയ്ക്കുകയും ചെയ്തിരുന്നു .

മതിന് എതിരെ നിരാക്ഷേപ സാക്ഷ്യ പത്രം പുതുക്കി നൽകുന്നതുമായി ബന്ധപ്പെട്ട് ജില്ലാ കളക്ടറെ എതിർക്കുകയാൽ മാവാനാൽ ഗ്രാനൈറ്റ്സ് ബഹു.കേരളാ ഹൈക്കോടതിയിൽ WP(C)-24814/2023 നമ്പർ ഹർജി ഫയൽ ചെയ്യുകയും സൂചന (5) പ്രകാരം ഒരു മാസത്തിനകം നിരാക്ഷേപ സാക്ഷ്യ പത്രം പുതുക്കി നൽകുന്നതുമായി ബന്ധപ്പെട്ട അപേക്ഷയിൽ റവന്യൂ വകുപ്പ് അഡീഷണൽ ചീഫ് സെക്രട്ടറിയുടെ 21.02.23 തീയതിയിലെ REV-P2/285/17/REV/Part (3) നമ്പർ കത്ത് പ്രകാരം ജില്ലാ കളക്ടർ ഉത്തരവ് പുറപ്പെടുവിക്കണം എന്ന് ബഹു.കേരളാ ഹൈക്കോടതി ജില്ലാ കളക്ടർക്ക് നിർദ്ദേശം നൽകുകയും ചെയ്തിരുന്നു

ബഹു.കേരളാ ഹൈക്കോടതി നടപ്പാക്കണം എന്നാവശ്യപ്പെട്ട് ശ്രീ കെ.എൻ മധുസൂദനൻ ഈ കാര്യാലയത്തിൽ സൂചന (6) പ്രകാരം അപേക്ഷ സമർപ്പിച്ചിരുന്നു.

സീനിയറേജ് തുക ഒടുക്കുന്നതുമായി ബന്ധപ്പെട്ടു WP(C) 40106 / 2018 ,WP(C) 15886 / 2023 എന്നീ റീട്ട് ഹർജികൾ ബഹു .കേരള ഹൈക്കോടതിയുടെ പരിഗണനയിൽ ആണെന്നും പ്രസ്തുത കേസുകളുടെ അന്തിമ മിഡിക്ക് അനുസരണമായി സീനിയറേജ് തുക ഒടുക്കുമെന്നും നിലവിൽ അത് പരിഗണിക്കാതെ അപേക്ഷകന്റെ അപേക്ഷ പരിഗണിക്കണം എന്നാണ് സൂചന (7) പ്രകാരം അഡ്വക്കേറ്റ് ജനറലിന്റെ കാര്യാലയത്തിൽ നിന്നും അഭിപ്രായപ്പെട്ടിരുന്നു .

മേൽ സാഹചര്യത്തിൽ സർക്കാരിന്റെ സൂചന (4) നിർദ്ദേശം പരിഗണിക്കാതെ ബഹു.കേരള ഹൈക്കോടതിയുടെ വിധിന്യായമനുസരിച്ച് റവന്യൂ വകുപ്പ് അഡീഷണൽ ചീഫ് സെക്രട്ടറിയുടെ 21.02.23 തീയതിയിലെ REV-P2/285/17/REV/Part (3) നമ്പർ നിർദ്ദേശ പ്രകാരം മാവാനാൽ ഗ്രാനൈറ്റ്സ് പ്രൈവറ്റ് ലിമിറ്റഡ്-ന് നിരാക്ഷേപ സാക്ഷ്യപത്രം പുതുക്കി നൽകാവുന്നതാണോ എന്ന വിഷയത്തിലും അപ്രകാരം അനുവദിക്കുകയാണെങ്കിൽ 28/01/2021 തീയതിയിലെ G.O.(Ms)No.28/2021/FD ഉത്തരവിൽ പരാമർശിക്കുന്ന പുതുക്കിയ നിരക്ക്,സെക്യൂരിറ്റി നിക്ഷേപം എന്നിവയാണോ ഈടാക്കേണ്ടത് എന്നത് സംബന്ധിച്ചും സ്പെഷ്ലീകരണം നൽകുന്നതിലേക്കായി സർക്കാരിലേക്ക് സൂചന (8),(10) പ്രകാരം വീണ്ടും അപേക്ഷിച്ചിരുന്നു.

ഈ കാലയളവിൽ ബഹു.കോടതി ഉത്തരവ് നടപ്പാക്കുന്നതിനുള്ള സമയപരിധി അവസാനിക്കുകയും



പാലക്കാട് ഗ്രാമപഞ്ചായത്ത് പ്രൈവറ്റ് ലിമിറ്റഡ് നിരാക്ഷേപ സാക്ഷ്യപത്രം പുതുക്കി നൽകാത്തതിന് എതിരെ ബഹു.കേരള ഹൈക്കോടതിയിൽ സൂചന (9) പ്രകാരം WP(C)-31330/2023 നമ്പർ കേസും ; ജില്ലാ കളക്ടർക്ക് എതിരെ സൂചന (11) പ്രകാരം CO(C) 2256/23 നമ്പർ കോടതിയലക്ഷ്യ കേസും ഫയൽ ചെയ്യുകയും ചെയ്തിരുന്നു .

WP(C) No.31330/2023 നമ്പർ കേസിൽ 20.10.23 ൽ ബഹു.കേരളാ ഹൈക്കോടതി ഇടക്കാല വിധിന്യായം സൂചന (12) പ്രകാരം പുറപ്പെടുവിക്കുകയും ചെയ്തിരുന്നു .

പ്രസ്തുത വിധിന്യായത്തിലെ പ്രസക്ത ഭാഗങ്ങൾ ചുവടെ ചേർക്കുന്നു . "After going through the interim orders and the judgments passed under similar circumstances and also the counter affidavit filed by the 3rd respondent, I am inclined to grant an interim order directing the 3rd respondent to consider Ext. P7 application for NOC,without insisting for seigniorage as demanded in Ext. P9,if the petitioner has paid the seigniorage at the rate of Rs.50/- per metric ton, and if the application is otherwise in order. Order shall be passed within a period of threeweeks from the date of receipt of a certified copy of thisorder. The said order will be subject to further orders to be passed in this writ petition.

ബഹു.കേരളാ ഹൈക്കോടതിയുടെ മേൽ വിധിന്യായം വിശദമായി പരിശോധിച്ചതിൽ നിന്നും സീനിയറേജ് തുക ഒടുക്കുന്നതുമായി ബന്ധപ്പെട്ടു WP(C) 40106 / 2018 ,WP(C) 15886 / 2023 എന്നീ റിട്ട് ഹർജികൾ ബഹു .കേരള ഹൈക്കോടതിയുടെ പരിഗണനയിൽ ആണെന്നും പ്രസ്തുത കേസുകളുടെ അന്തിമ വിധിക്ക് അനുസരണമായി സീനിയറേജ് തുക ഒടുക്കുമെന്നും നിലവിൽ അത് പരിഗണിക്കാതെ അപേക്ഷകന്റെ അപേക്ഷ മൂന്നാഴ്ചയ്ക്കും പരിഗണിക്കണം എന്നുമാണ് ബഹു .കേരള ഹൈക്കോടതിയുടെ നിർദ്ദേശം .ബഹു.കേരളാ ഹൈക്കോടതി സ്റ്റേ അനുവദിച്ച മേൽ പരാമർശിച്ച സീനിയറേജ് കുടിശ്ശിക തുകയല്ലാതെ മറ്റ് .സർക്കാർ കുടിശ്ശികകൾ ഇല്ലായെന്ന് കോന്നി തഹസിൽദാർ 31.10.2023 ൽ സൂചന (13) പ്രകാരം റിപ്പോർട്ട് ചെയ്തിട്ടുണ്ട്.മറ്റ് കുടിശ്ശികകൾ ഒന്നുമില്ലായെങ്കിൽ നിരാക്ഷേപ സാക്ഷ്യപത്രം പുതുക്കി നൽകുന്നതിന് ആക്ഷേപമില്ലായെന്ന് ജിയോളജിസ്റ്റ് 02.11.2023 ൽ റിപ്പോർട്ട്സൂചന (14) പ്രകാരം ചെയ്തിട്ടുണ്ട്.

28/01/2021ലെ G.O.(Ms)No,28/2021/RD സർക്കാർ ഉത്തരവ് പ്രകാരം നിലവിൽ ഖനനം ചെയ്തുകൊണ്ടിരിക്കുന്ന സ്ഥാപനം വീണ്ടും ഇതേ സ്ഥലത്ത് ഖനനത്തിന് അപേക്ഷ നൽകുകയാണെങ്കിൽ സീകരിക്കേണ്ട നടപടികളെക്കുറിച്ച് ഇപ്രകാരം പറയുന്നു



6. Procedure for quarrying after lease period if application is submitted by the same

Individual/organization Government land is given for lease for quarrying for a period of 12 years. After the lease period, necessary certification from the District Geologist be obtained to ensure that further quarrying be permitted. If the same individual/organization who was running the quarry submits an application for lease then the same individual/organization may be granted lease for an another period of 12 years by fixing the lease rent @Rs 10 lakhs/ha per annum for 12 years without bidding and by depositing the security deposit @ Rs 10 lakhs/ha. Provided no more further lease may be granted to the said individual/organization after the tenure."

മേൽ സാഹചര്യത്തിൽ ബഹു.കേരളാ ഹൈക്കോടതിയുടെ WP(C)-24814/2023 നമ്പർ കേസിലെ വിധിനുമുതൽ അടിസ്ഥാനത്തിലും , ബഹു.കേരളാ ഹൈക്കോടതിയുടെ WP(C) No.31330/2023 നമ്പർ കേസിൽ 20.10.23 ലെ ഇടക്കാല വിധിനുമുതൽ അടിസ്ഥാനത്തിലും ചുവടെ ചേർക്കുന്ന പ്രകാരം ഉത്തരവ് പുറപ്പെടുവിക്കുന്നു.

ഉത്തരവ്

കോന്നി താലൂക്കിൽ കൂടൽ വില്ലേജിൽ ബ്ലോക്ക് നമ്പർ 32 ൽ റീസർവ്വേ നമ്പർ 288/1 ൽ ഏറ്റെടുത്ത 4.0469 ഹെക്ടർ സർക്കാർ പാറയും ഇതേ റീസർവ്വേ നമ്പറിൽ (288/1 ൽ) ഉൾപ്പെട്ട 1.1908 ഹെക്ടർ സർക്കാർ പാറയും അടക്കം ആകെ 5.2377 ഹെക്ടർ സർക്കാർ പാറ ഖനനം ചെയ്യുന്നതിന് ശ്രീ.കെ.എൻ മധുസൂദനൻ ,മാനേജിങ് ഡയറക്ടർ മാവനാൽ ഗ്രാനൈറ്റ് ലിമിറ്റഡ് എന്ന വ്യക്തിയ്ക്ക് ക്വറിയിംഗ് ലൈസൻസ് അനുവദിക്കപ്പെടുന്ന തീയതി മുതൽ 12 വർഷത്തേക്ക് നിരാക്ഷേപ സാക്ഷ്യപത്രം അനുവദിച്ചു ഇതിനാൽ ഉത്തരവാകുന്നു.

28/01/2021 ലെ G.O.(Ms)No.28/2021/RD സർക്കാർ ഉത്തരവ് പ്രകാരം നിരാക്ഷേപ സാക്ഷ്യപത്രം അപേക്ഷകനായ ശ്രീ.കെ.എൻ മധുസൂദനൻ ഒരു ഹെക്ടറിന് ഒരു വർഷം 10 ലക്ഷം രൂപ എന്ന പാട്ട നിരക്കിൽ 5.2377 ഹെക്ടർ സർക്കാർ പാറ ഖനനം ചെയ്യുന്നതിന് എല്ലാ വർഷവും 52,37,700/- രൂപ എന്ന നിരക്കിൽ പാട്ടത്തുക സീനിയറേജ് ഒടുക്കുന്ന ശീർഷകത്തിൽ ഒടുക്കി വരുത്തേണ്ടതും ,ഒരു ഹെക്ടറിന് 10 ലക്ഷം രൂപ എന്ന നിരക്കിൽ 5.2377 ഹെക്ടർ സർക്കാർ പാറ ഖനനം ചെയ്യുന്നതിന് ആകെ 52,37,700 രൂപ സെക്യൂരിറ്റി നിക്ഷേപമായി ബന്ധപ്പെട്ട ട്രഷറി അക്കൗണ്ടിൽ ഒടുക്ക വരുത്തേണ്ടതുമാണ് .

എൻ.ഓ.സി ഹോൾഡറായ ശ്രീ.കെ.എൻ മധുസൂദനൻ ഇതിൽ ആദ്യ വർഷത്തെ പാട്ടത്തുകയായ 52,37,700/- രൂപയും (അമ്പത്തി രണ്ട് ലക്ഷത്തി രൂപത്തി ഏഴായിരത്തി എഴുനൂറ് രൂപ മാത്രം), 5.2377



ഹെക്ടർ സർക്കാർ പാറ വനനം ചെയ്യുന്നതിനുള്ള സെക്യൂരിറ്റി നിക്ഷേപമായ 52,37,700/- രൂപയും(അമ്പത്തി രണ്ട് ലക്ഷത്തി മുപ്പത്തി ഏഴായിരത്തി എഴുനൂറ് രൂപ മാത്രം) ബന്ധപ്പെട്ട ട്രഷറി അക്കൗണ്ടിൽ ഈ ഉത്തരവ് തീയതി മുതൽ ഒരു മാസത്തിനകം ഒടുക്കു വരുത്തേണ്ടതുമാണ്.

ഉടൻതന്നെ വരുന്ന ഓരോ വർഷവും നവംബർ മാസത്തെ ആദ്യത്തെ രണ്ട് ആഴ്ചകളിൽ അതത് വർഷത്തെ ചട്ട തുകയായ 52,37,700/- രൂപ (അമ്പത്തി രണ്ട് ലക്ഷത്തി മുപ്പത്തി ഏഴായിരത്തി എഴുനൂറ് രൂപ മാത്രം) പീനിയറേജ് ഒടുക്കുന്ന ശീർഷകത്തിൽ എൻ.ഒ.സി ഹോൾഡർ കൃത്യമായി ഒടുക്കു വരുത്തേണ്ടതാണ്.

മേൽ നിബന്ധനയും ഇതോടൊപ്പം അനുബന്ധമായി ചേർത്തിരിക്കുന്ന നിബന്ധനകളും പാലിക്കാത്ത പക്ഷം നിരാക്ഷേപ സാക്ഷ്യപത്രം അസാധുവാകുന്നതാണ് .

ചുമതല ക്ലോഷർ പ്ലാൻ പ്രകാരം വനന പ്രവർത്തനങ്ങൾ അവസാനിക്കുമ്പോൾ മറ്റ് ബാധ്യതകൾ ഉള്ളായെങ്കിൽ എൻ.ഒ.സി ഹോൾഡറിന് സെക്യൂരിറ്റി നിക്ഷേപം തിരികെ ലഭിക്കുന്നതിന് അർഹത ഉണ്ടായിരിക്കുന്നതാണ്.അപേക്ഷകനിൽ നിന്നും ഈടാക്കേണ്ട നിരക്ക് സംബന്ധിച്ച് സൂചന (8),(10) പ്രകാരം സർക്കാരിൽ നിന്നും സ്പെഷ്യാലൈസ് തേടിയടുത്തും പ്രസ്തുത സ്പെഷ്യാലൈസ് ലഭ്യമാകുന്ന മുറയ്ക്ക് ആവശ്യമെങ്കിൽ ഈടാക്കേണ്ട നിരക്ക് സംബന്ധിച്ച് ഈ കാര്യാലയത്തിൽ നിന്നും പുതുക്കിയ നടപടിക്രമം പുറപ്പെടുവിക്കുന്നതുമാണ് .

ഇപ്രകാരം ബഹു.കേരളാ ഹൈക്കോടതിയുടെ WP(C)-24814/2023 നമ്പർ കേസിലെ വിധിന്യായം , ബഹു.കേരളാ ഹൈക്കോടതിയുടെ WP(C) No.31330/2023 നമ്പർ കേസിൽ 20.10.23 ലെ ഇടക്കാല വിധിന്യായം എന്നിവ നടപ്പാക്കി ഇതിനാൽ ഉത്തരവാകുന്നു .

Signed by
Shibu A las
Date: 08-11-2023 20:24:26
ജില്ലാകളക്ടർ

DISTRICT COLLECTOR



സീക്രട്ടറിയ്ക്ക് ശ്രീ.കെ.എൻ മധുസൂനൻ ,
മാനേജിംഗ് ഡയറക്ടർ ,

മാവനാൽ ഗ്രാസൈറ്റിംഗ് പ്രൈവറ്റ് ലിമിറ്റഡ്

ശ്രീനികേതൻ ,കലത്തൂർ

പകർപ്പ്

1.) ബഹു. അഡ്വക്കേറ്റ് ജനറൽ

മുറണാകുളം

2.) പ്രിൻസിപ്പൽ സെക്രട്ടറി

റവന്യൂ വകുപ്പ്

തിരുവനന്തപുരം

3.) ഡയറക്ടർ,

മൈനിംഗ് & ജിയോളജി വകുപ്പ്,

തിരുവനന്തപുരം-695004.

4.) റവന്യൂ ഡിവിഷണൽ ഓഫീസർ,

അട്ടൂർ.

5.) ജിയോളജിസ്റ്റ്,

അട്ടൂർ.

6.) തഹസീൽദാർ,

കോന്നി.

7.) വില്ലേജ് ഓഫീസർ,

കൂടൽ.

8.) സ്റ്റോക്ക് ഹൗസ്.



ഫോൺ : 04682 222515 ഫാക്സ് : 04682 222505 ഇമെയിൽ : dcpta.ker@nic.in

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ഭരണഭാഷ-മാതൃഭാഷ

DCPTA/996/2023-C7

കളക്ടറേറ്റ്, പത്തനംതിട്ട

തീയതി : 09-11-2023

ശ്രീ.കെ.എൻ മധുസൂദനൻ ,മാനേജിംഗ് ഡയറക്ടർ ,മാവനാൽ ഗ്രാമനെറ്റ്സ് പ്രൈവറ്റ് ലിമിറ്റഡ് എന്ന വ്യക്തിയ്ക്ക് കോന്നി താലൂക്കിൽ കൂടൽ വില്ലേജിൽ ബ്ലോക്ക് നമ്പർ 32 ൽ റീസർവ്വേ നമ്പർ 288/1 ൽ പ്പെട്ട 4.0469 ഹെക്ടർ സർക്കാർ പാറയും ഇതേ റീസർവ്വേ നമ്പറിൽ (288/1 ൽ) ഉൾപ്പെട്ട 1.1908 ഹെക്ടർ സർക്കാർ പാറയും അടക്കം ആകെ 5.2377 ഹെക്ടർ സർക്കാർ പാറ ഖനനം ചെയ്യുന്നതിന് നിരാപേക്ഷപ സാക്ഷ്യപത്രത്തിലെ നിബന്ധനകൾ

നിബന്ധനകൾ



- 1.) ക്വാറിയംഗ് ലീസ് അനുവദിക്കപ്പെടുന്ന തീയതി മുതൽ 12 വർഷത്തേക്കായിരിക്കും ഈ നിരാപേക്ഷപ പത്രത്തിന്റെ കാലാവധി
- 2.) അതത് കാലങ്ങളിൽ ക്വേന്റ്ര/സംസ്ഥാന സർക്കാരുകൾ, വിവിധ കോടതികൾ, ജില്ലാ കളക്ടർ, മറ്റ് ഉത്തരവാദിത്തപ്പെട്ട അധികാരികൾ എന്നിവർ പുറപ്പെടുവിക്കുന്ന ഉത്തരവുകൾ നിലവിലെ നിയമങ്ങൾ എന്നിവ പാലിച്ചു കൊണ്ട് മാത്രമേ പാറ ഖനനം നടത്തുവാൻ പാടുള്ളൂ .
- 3.) റോയൽറ്റി, പാറ വില, സീനിയറേജ്, സർഫസ് റെന്റ് മുതലായ പാറ ഖനനത്തിന് നിയമാനുസൃതം സർക്കാരിലേക്ക് ഒടുക്കവരുത്തേണ്ട എല്ലാ ഇനത്തിലും പെട്ട മുഴുവൻ തുകകളും നികുതികളും ഒടുക്കവരുത്തുവാൻ അപേക്ഷകൻ ബാധ്യസ്ഥനായിട്ടുള്ളതും ഈ നിരക്കുകൾ സർക്കാർ കാലാകാലങ്ങളിൽ പുനർനിർണ്ണയിക്കുകയാണെങ്കിൽ പ്രസ്തുത നിരക്കിൽ ഒടുക്കവരുത്തുവാൻ അപേക്ഷകൻ ബാധ്യസ്ഥനായിട്ടുള്ളതുമാണ് .
- 4.) അപേക്ഷ സ്ഥലത്തു പാറ ഖനനത്തിന് ജിയോളജി വകുപ്പിൽ നിന്ന് പാസ്/പെർമിറ്റ് അനുവദിക്കുന്നതിന് മുമ്പായി അപേക്ഷകൻ KLC ചട്ടങ്ങൾ പ്രകാരം നിലവിലെ നിരക്കിലുള്ള സീനിയറേജ് തുക

1/00285/2023

ഒടുക്കവരത്തേണ്ടതുമാണ്. സീനിയറേജ് തുക അടച്ചുവെന്ന് ഓഡിറ്റിംഗ് ഉറപ്പുവരുത്തി മാത്രം ഇ-പാസ്/പെർമിറ്റ് അനുവദിക്കേണ്ടതാണ്.

5.) അപേക്ഷാ സ്ഥലത്ത് അനധികൃത ഖനനം നടക്കുന്നില്ലായെന്നു ഉറപ്പുവരുത്തുവാൻ ബന്ധപ്പെട്ട റവന്യൂ ഡിവിഷണൽ ഓഫീസർ/തഹസിൽദാർ നടപടി സ്വീകരിക്കേണ്ടതും എല്ലാ വർഷവും എപ്രിൽ ഒന്നാം തീയതി ബന്ധപ്പെട്ട റവന്യൂ ഡിവിഷണൽ ഓഫീസറും ഒക്ടോബർ ഒന്നാം തീയതി ബന്ധപ്പെട്ട തഹസിൽദാറും സ്ഥല പരിശോധന നടത്തി ക്വാറി പ്രവർത്തനം നിയമാനുസൃതമാണെന്ന് ഉറപ്പു വരുത്തി റിപ്പോർട്ട് സമർപ്പിക്കേണ്ടതാണ്. പ്രസ്തുത പരിശോധനയിൽ ഖനന സ്ഥലത്തു നിന്നും നീക്കം ചെയ്യപ്പെട്ട പാറയുടെ അളവ് തിട്ടപ്പെടുത്തേണ്ടതും അനുവദനീയമായ അളവിൽ (permitted quantity) കൂടുതൽ പാറ നീക്കം ചെയ്യുതായി ശ്രദ്ധയിൽ പെട്ടാൽ ടി പാറയുടെ സീനിയറേജ്/കോമ്പൻസേഷൻ , റോയൽറ്റി, സർക്കാരിലേക്ക് ട്രഷർ വരത്തേണ്ട മറ്റ് തുകകൾ മുതലായവ NOC ഫോൾഡർ ഒടുക്കവരത്തുവാൻ ബാധ്യസ്ഥനായിട്ടുള്ളതുമാണ്.



6.) NOC കൈമാറ്റം ചെയ്യുവാനോ ഉപപാട്ടം നൽകുന്നതിനോ പാടുള്ളതല്ല.

7.) ഖനനം നടത്തിയെടുക്കുന്ന പാറ ഇ-പാസ് മുഖാന്തിരം മാത്രം നീക്കം ചെയ്യേണ്ടതാണ്.

8.) ഖനനം ചെയ്യുന്ന പാറയുടെ അളവ് എസ്റ്റിമേറ്റ് ചെയ്ത് സീനിയറേജ്, റോയൽറ്റി എന്നിവ മുൻകൂറായി ഒടുക്കവരുത്തി രസീത് ഹാജരാക്കിയതിനു ശേഷമേ പാറ നീക്കം ചെയ്യുന്നതിന് ഇ-പാസ് അനുവദിക്കുകയുള്ളൂ.

9.) സംസ്ഥാന പരിസ്ഥിതി ആഘാത നിർണ്ണയ അതോറിറ്റിയുടെ സാധൂതയുള്ള പാരിസ്ഥിതികാനുമതി സർട്ടിഫിക്കറ്റ് ഉണ്ടെങ്കിൽ മാത്രമേ പാറഖനനം ആരംഭിക്കുവാൻ പാടുള്ളൂ .

10.) സർക്കാരിന്റെയോ മറ്റു പൊതുവായ ആവശ്യങ്ങൾക്കോ സർക്കാർ/ജില്ലാ ഭരണ കൂടം നിശ്ചയിക്കുന്ന നിരകിൽ പാറയും പാറ ഉൽപ്പന്നങ്ങളും നൽകേണ്ടതാണ്.

11.) NOC അനുവദിച്ച തീയതി മുതൽ രണ്ടു വർഷത്തിനുള്ളിൽ ഖനനം ആരംഭിച്ചില്ലായെങ്കിൽ NOC അസാധു ആകുന്നതാണ്.

12.) അരബീൾ ഫോറസ്റ്റ് ലാൻഡ് അസൈൻമെന്റ് റീലേ പ്രകാരമോ മറ്റേതെങ്കിലും പതിവ് ചട്ട പ്രകാരം പതിച്ചു നൽകിയ ഭൂമിയും NOC ക്ക് ആസൂത്രമായ ഭൂമിയും കൂട്ടിച്ചേർത്ത് ഖനനം നടത്തുവാൻ പാടുള്ളതല്ല.

13.) പാരിസ്ഥിതിക അനുരതിയോടൊപ്പം ആവശ്യമുള്ള മറ്റ് നിയമപരമായ എല്ലാ അനുരതിയും നേടിയ ശേഷം മാത്രമേ പാറ ഖനനം ആരംഭിക്കുവാൻ പാടുള്ളൂ.

14.) 2015 ലെ കെ.എം.എം.സി ചട്ടങ്ങളിലെയും 1957 -ലെ കെ.എൽ.സി ആക്ടിലെയും 1958 ലെ കെ.എൽ.സി റൂൾസിലെയും വ്യവസ്ഥകൾ കർശനമായി പാലിക്കേണ്ടതാണ്.

7/100285/2023

- 15.) പാറ ഖനനം നടത്തുന്ന പ്രവർത്തിക്കായി നിയോഗിക്കുന്ന ജോലിക്കാരുടെ വിവരങ്ങൾ അടങ്ങിയ ഒരു രജിസ്റ്റർ സൂക്ഷിക്കേണ്ടതാണ്
- 16.) Explosive Act പ്രകാരമുള്ള നിബന്ധനകൾ കർശനമായി പാലിക്കേണ്ടതും മാറ്റ് അടിസ്ഥാന സൗകര്യങ്ങൾ ടി സ്ഥലത്ത് ലഭ്യമാക്കേണ്ടതുമാണ്
- 17.) ഖനനം നീമിത്തം ഉണ്ടാകുന്ന കഴികൾ മണ്ണിട്ട് മൂടി അപകടരഹിതമാക്കേണ്ടതും കമ്പി ബെൽ കെട്ടി സംരക്ഷിക്കേണ്ടതുമാണ്
- 18.) തഹസിൽദാർ അംഗീകരിച്ച് നൽകുന്ന ബ്ലൂച്ചിട്ട് പ്രകാരമുള്ള ഭൂമിയിൽ കെ.എം.എം.സി ചട്ടങ്ങൾ പാലിച്ചുകൊണ്ട് മാത്രമേ ഖനനം നടത്തുവാൻ പാടുള്ളൂ
- 19.) NOC ലഭിച്ച് 30 ദിവസത്തിനുള്ളിൽ അപേക്ഷകൻ NOC യിലെ വ്യവസ്ഥകൾ പാലിച്ചു കൊള്ളാമെന്ന് 500/- രൂപ മുദ്രപത്രത്തിൽ നോട്ടറി സാക്ഷ്യപ്പെടുത്തിയ അപീഡവിറ്റ് ഹാജരാക്കേണ്ടതാണ്
- 20.) 28/01/2021ലെ G.O.(Ms)No.28/2021/FD സർക്കാർ ഉത്തരവിൽ പാറഖനനത്തിന് ബാധകമായ എല്ലാ വ്യവസ്ഥകളും പാലിക്കുവാൻ എൻ.ഓ.സി ഹോൾഡർ ബാധ്യസ്ഥനാണ് .

അൽ വിവരിച്ച നിബന്ധനകളോ, ഖനനത്തിന് ആവശ്യമായ അനുബന്ധ അനുമതികളിലെ വ്യവസ്ഥകളോ ലംഘിക്കപ്പെടുന്ന പക്ഷം ഈ നിരാശേഷപ സാക്ഷ്യപത്രം റദ്ദാക്കി തുടർനടപടികൾ സ്വീകരിക്കുന്നതായിരിക്കും.

Signed by
 Shibu A las
 Date: 09-11-2023 15:20:38
 ജില്ലാകളക്ടർ

DISTRICT COLLECTOR

സ്വീകർത്താവ് ശ്രീ.കെ.എൻ മധുസൂദനൻ ,
 മാനേജിംഗ് ഡയറക്ടർ ,
 മാനന്തലം ഗ്രാമനെറ്റ്സ് പ്രൈവറ്റ് ലിമിറ്റഡ്
 ഗുരീനിക്കേതൻ ,കലഞ്ഞൂർ

പകർപ്പ്:
 1.)ബഹു.അഡ്വക്കേറ്റ് ജനറൽ



/100285/2023

എറണാകുളം

2.) പ്രിൻസിപ്പൽ സെക്രട്ടറി

റവന്യൂ വകുപ്പ്

തിരുവനന്തപുരം

3.) ഡയറക്ടർ,

മൈനിംഗ് & ജിയോളജി വകുപ്പ്,

തിരുവനന്തപുരം-695004.

4.) റവന്യൂ ഡിവിഷണൽ ഓഫീസർ,

അട്ടൂർ.

5.) ജിയോളജിസ്റ്റ്,

അട്ടൂർ.

6.) തഹസീൽദാർ,

കോന്നി.

7.) വില്ലേജ് ഓഫീസർ,

കൂടൽ.

8.) സ്റ്റോക്ക് ഫയൽ.

ഫോൺ : 04682 222515	ഫാക്സ് : 04682 222505	ഇമെയിൽ : dcpta.ker@nic.in
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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.कक्कनाड कोच्ची | CSEZ PO Kakkanaad Dist. Ernakulam Ernakulam 682037
फोन (Phone):- 2427286 | फैक्स (Fax):- 2427276
ई-मेल Email: dycecernakulam@explosives.gov.in

संख्या (No.): E/SC/KL/22/1285(E56732)

दिनांक (Date): 23/02/2021

संवा में | To,

Shri Shri K.N. Madhusoodanan, Managing Partner,
M/s Vajra Rock Mining Industries, Sreenikethan, Kalanjoor P.O., Pathanamthitta District-689694,
Kerala, Town/Village - Kalanjoor
District-PATHANAMTHITTA, State-Kerala, Pincode - 689694

विषय : Survey No.270/4 Block No.32, ग्राम Koodal village, Adoor Taluk, Pathanamthitta Distri, जिला
PATHANAMTHITTA, राज्य Kerala में विस्फोटक के मैगजीन में उपयोग के लिए कब्जा हेतु विस्फोटक
नियम, 2008 के अंतर्गत LE-3 में जारी अनुज्ञप्ति सं E/SC/KL/22/1285(E56732) के नवीनीकरण संदर्भ में।
Possession for Use of of Explosives from magazine situated at Survey No.:270/4 Block No.32,
Koodal village, Adoor Taluk, Pathanamthitta Distri, Dist. PATHANAMTHITTA, Kerala -Licence
Subject: No.: E/SC/KL/22/1285(E56732) granted in Form LE-3 of Explosives Rules, 2008 - Renewal
regarding

महोदय | Sir,

आपका उपर्युक्त विषय पर पत्र संख्या 38399 दिनांक 11/02/2021 का संदर्भ ग्रहण करें। विस्फोटक नियम, 2008 के अंतर्गत प्ररूप LE-3 में जारी अनुज्ञप्ति दिनांक 31/3/2025 तक नवीनीकृत कर इस पत्र के साथ भेजी जा रही है।
Reference to your letter No.: 38399 dated: 11/02/2021, the subject licence duly renewed upto 31/3/2025 and issued in Form LE-3 of Explosives Rules, 2008 is forwarded herewith.

Conditions:

1)EXPLOSIVES SHALL BE USED ONLY AFTER HAVING A VALID QUARRYING LEASE FROM THE DIRECTOR OF MINING & GEOLOGY . PLEASE NOTE THAT THE USE OF EXPLOSIVES IN THE QUARRIES SHALL BE AS PER THE DIRECTION OF DGMS, BANGALORE AS REQUIRED UNDER MINES ACT 1952 AND METALIFEROUS MINES REGULATIONS 1961.

अनुज्ञप्ति के आगामी नवीकरण हेतु कृपया निम्नलिखित दस्तावेज दिनांक 31/03/ 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 अनुज्ञप्ति शुल्को का, विस्फोटक नियम, 2008 के तहत ऑनलाइन आवेदन पोर्टल पर उपलब्ध ई-भुगतान सुविधा के माध्यम से लाइसेंस 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 अनुज्ञप्ति।
Original licence with approved plan.
- कृपया इस संबंध में विस्फोटक नियम, 2008 के नियम 112 का भी संदर्भ ग्रहण करें।
In this connection, please also refer to Rule 112 of Explosives Rules, 2008.
- विस्फोटकों के क्रय हेतु आरई-11 में मांगपत्र (इंडेंट) 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 त्रैमासिक 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 ऑपरेशन एक सक्षम द्वारा की जाएगी जो उपरोक्त नियमों के तहत एक वैध शॉट फायर प्रमाणपत्र धारक हो। हालांकि, खान अधिनियम 1952 के अर्धीन आने वाले खानों में ब्लास्टिंग ऑपरेशन 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.

भवदीय | Your's faithfully

(आर.वेणुगोपाल | Dr. R.Venugopal)

उप मुख्य विस्फोटक नियंत्रक | Deputy Chief Controller of Explosives
कोच्ची | Ernakulam

प्रतिलिपि प्रेषित | Copy Forwarded to:

1. ज़िला मजिस्ट्रेट (District Magistrate), PATHANAMTHITTA (Kerala)- सूचना के लिए (for information.)

उप मुख्य विस्फोटक नियंत्रक | Deputy Chief Controller of Explosives
कोच्ची | Ernakulam

(अधिक 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>)



अनुज्ञापति 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 अनुज्ञापति

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

अनुज्ञापति सं. (Licence No.) : E/SC/KL/22/1285(E56732)

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



1. Licence is hereby granted to

Shri Shri K.N. Madhusoodanan, Managing Partner (अधिभागी / Occupier : Shri K.N. Madhusoodanan), M/s Vajra Rock Mining Industries, Sreenikethan, Kalarjoor P.O., Pathanamthitta District-689694, Kerala, Town/Village - Kalarjoor, District-PATHANAMTHITTA, State-Kerala. Pincode - 689694

को अनुज्ञापति अनुदत्त की जाती है।

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

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

4. अनुज्ञापति 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. सं.	नाम और विवरण	वर्ग और प्रभाग	उप-प्रभाग	मात्रा किसी एक समय में
Sr. No.	Name and Description	Class & Division	Sub-division	Quantity at any one time
1.	Nitrate Mixture	2,0	0	500 Kg.
2.	Safety Fuse	6,1	0	4000 Mtrs
3.	Ordinary Detonator	6,3	0	4000 Nos.
4.	Electric Detonators	6,3	0	4000 Nos.

(ख) किसी एक कलेंडर मास में खरीदे जाने वाले विस्फोटक की मात्रा [अनुच्छेद 3(ख) और (ग) के अधीन अनुज्ञापति 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 अनुज्ञापति परिसर की पुष्टि होती है।
The licensed premises shall conform to the following drawing(s) : रेखाचित्र क्र. (Drawing No.) E/SC/KL/22/1285 (E56732) दिनांक (Dated) 07/10/2011

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

Survey No. 270/4 Block No.32, ग्राम (Town/Village) : Koodal village, Taluk - Pathanamthitta District, जिला (District) PATHANAMTHITTA राज्य (State) Kerala पिनकोड (Pincode) 689694 दूरभाष (Phone) 04734270431 ई. मेल (E-Mail) फेक्स (Fax)

7. अनुज्ञापति परिसर में निम्नलिखित सुविधाएं अंतर्विष्ट हैं।

The licensed premises consist of following facilities : **pucca magazine with stone masonry construct'on**

8. अनुज्ञापति समय - समय पर यथासंशोधित विस्फोटक अधिनियम, 1884 और उनके अधीन विरचित विस्फोटक नियम, 2004 के उपबंधों, शर्तों और अतिरिक्त शर्तों और निम्नलिखित उपाबंधों के अधीन रहते हुए अनुदत्त की जाती है।

The licence is granted subject to the provision of Explosives Act 1884 as amended from time to time and the Explosives Rules, 2008 framed there under and the conditions, additional conditions and the following Annexures.

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



9. यह अनुज्ञापति तारीख 31 मार्च 2016 तक विधिमान्य रहेगी। This licence shall remain valid till 31st day of March 2016.

यह अनुज्ञप्ति, अधिनियम या उसके अधीन विरचित नियमों या अनुसूची V के भाग 4 के प्रति निर्दिष्ट सेट-VII के अधीन तथा उपवर्णित इस अनुज्ञप्ति की शर्तों का अधिकमण करने या यदि अनुज्ञप्त परिसर योजना या उससे संलग्न उपबंध में दर्शित विवरण के अनुरूप नहीं पाए जाने पर निलंबित या प्रतिसंज्ञित 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.

तारीख | The Date - 07/10/2011

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

Sd/-

Amendments :

- Amendment in Drawings/Facilities/Premises dated : 19/04/2013
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 19/04/2013
- Amendment in Drawings/Facilities/Premises dated : 11/12/2013

नवीनीकरण के पृष्ठांकन के लिए स्थान
Space for Endorsement of Renewal

नवीकरण की तारीख Date of Renewal	समाप्ति की तारीख Date of Expiry	अनुज्ञापन प्राधिकारी के हस्ताक्षर और स्टाम्प Signature of licensing authority and stamp
23/02/2021	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 ढंग से चलाने या उनका दुरुपयोग विधि के अधीन गंभीर दंडित अपराध होगा।

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



(सेट VIII | Set VIII)

मैगजीन में वर्ग 1,2,3,4,5,6, और 7 के विस्फोटकों को विक्री या प्रयोग हेतु रखने के लिए प्ररूप एल.ई. 3 (अनुच्छेद 3 (ख) से (ग)) में मुख्य विस्फोटक नियंत्रक या विस्फोटक नियंत्रक द्वारा प्रदान किए जाने वाले अनुज्ञप्ति सं. E/SC/KL/22/1285(E56732) की शर्त निम्नलिखित हैं।

The following are the conditions of licence number E/SC/KL/22/1285(E56732) 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 अनुज्ञापन गोप्य 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 प्रयुक्त होने वाली मैगजीन अनुसूची III और अनुज्ञप्ति के उपाबंध 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 अनुज्ञप्ति में विनिर्दिष्ट है, रखे जाने के लिए और ऐसे रखे जाने से संबद्ध अथवा 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 को 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 अनुज्ञा दी जा सकती है, मैगजीन में तभी रखे जाएंगे जब उनमें से प्रत्येक को, ऐसे पदार्थ या स्वरूप का कोई मध्यवर्ती विभाजक लगाकर या उनके बीच ऐसा मध्यवर्ती स्थान छोड़कर, परस्पर पृथक् कर दिया जाए कि किसी वजह से विस्फोटक में लगने वाली आग या होने वाला विस्फोट किसी अन्य वर्णन के विस्फोटक तक न पहुंच सके; परंतु—
(घ) 2 (नाइट्रेट मिश्रण), वर्ग 3 (नाइट्रो यौगिक) के विभिन्न विस्फोटक, वर्ग 6 प्रथम प्रभाग के अंतर्गत आने वाले सुरक्षा पत्तीते और वर्ग 6 प्रभाग 2 के अंतर्गत आने वाले विस्फोटक प्रेरक पत्तीते, जिनमें कोई खुला लोड़ा या इस्पात नहीं है, एक दूसरे के साथ बिना किसी मध्यवर्ती विभाजक या स्थान के रखे जा सकते हैं।
(ङ) वर्ग 6 प्रभाग 3 के अंतर्गत आने वाले विस्फोटक प्रेरक अलग रखे जाएंगे।
(च) वर्ग 1 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 3 (नाइट्रो यौगिक) के विस्फोटकों को, उनके विनिर्माण की तारीख से एक वर्ष बीत जाने के पश्चात सिवाय अनुज्ञापन 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 3 (नाइट्रो यौगिक) 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 अनुज्ञप्तिधारी अपने पास रखेगा और मांग की जाने पर प्रस्तुत करेगा।
(ii) जब कोई विस्फोटक भ्रान्त शुद्धता का न रह जाने के कारण या द्रवणीकरण या नाइट्रो ग्लीअसरीन या द्रव नाइट्रो यौगिक के निकल जाने के चिन्ह प्रकट होने के कारण मैगजीन में भण्डारित किए जाने के उपयुक्त नहीं रह जाता है तो अनुज्ञप्तिधारी अपने ही खर्च पर ऐसे विस्फोटक के निपटारे के लिए ऐसे निदेशों का अनुपालन करेगा जो मुख्य नियंत्रक या विस्फोटक नियंत्रक जारी करेंगे।
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 बेंबो, शैल्फों और उसकी फिटिंग का इस प्रकार सन्निर्माण 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 बेंबो, शैल्फों और फिटिंग पचासाध्य प्रिंट से मुक्त एल साफ रखे जाएंगे तथा ऐसे विस्फोटक, जो जल से खतरनाक रूप में प्रभावित हो सकते हैं, इस बाबत सम्यक 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 बाधक नहीं होगा जिसमें वर्ग 6 (गोला बारूद) के प्रथम के विस्फोटक से मिला कोई विस्फोटक रखा गया है।



[Signature]
Deputy Chief Controller of Explosives

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 तड़ित चालक का परीक्षण विस्फोटक नियंत्रक करता है तो अनुज्ञापिधारी ऐसे परीक्षण के लिए विहित फीस का सँदाय करेगा यदि परीक्षण असमाधानकारी साबित होता है तो उतनी ही फीस अनुज्ञापिधारी द्वारा पश्चात्कर्ती प्रत्येक परीक्षण के लिए तब तक दी जाती रहेगी जब तक कि परीक्षण अधिकारी तड़ित चालक को समाधानप्रद घोषित नहीं कर देता। परंतु किसी एक परीक्षण के लिए देय फीस किसी एक दिन के दौरान किसी चालक के लिए गए सभी परीक्षणों के लिए प्रभावी होगा।

परंतु यह और कि यदि दो या अधिक तड़ित 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 तड़ित चालक के परीक्षण के लिए हर स्थिति में विहित की गई है।

If the lightning 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 lightning 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 lightning 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 lightning conductor.

10. उपयुक्त तथा ज्वर रहित कार्यकरण वस्त्रों, उपयुक्त चुत्तों 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 वस्तुएं या पदार्थ, जिससे विस्फोट हो सकता है या आग लग सकती हो, किन्तु इस शांति के कारण ऐसी संरचना, स्थिति या स्वरूप में किसी कृत्रिम बत्ती का प्रवेश वर्जित नहीं है जिससे आग लगने या विस्फोट होने का खतरा न हो। परंतु इस शर्त का यह 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 areas 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. अनुज्ञापिधारी 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 प्रोफार्मा 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 authorized 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 अनुज्ञापन प्राधिकारी के पूर्वानुमोदन बिना नहीं की जाएगी और अनुज्ञापिधारी ऐसी किसी बर्त का अनुपातन करेगा जो इस निमित्त अनुज्ञापन प्राधिकारी विनिर्दिष्ट करे।

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.

मैगजीन सभी समयों पर अच्छी मरम्मत 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 अनुज्ञापिधारी इस बात की सूचना अनुज्ञापन 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 अनुज्ञापिधारी 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 अधिक्रमण होता है तो उसकी सूचना अनुज्ञापन 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 अनुज्ञापन 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 पैकेटों की हालत की जांच करने और प्रत्येक पैकेज की विनिर्माण विधिस्थितियों 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.

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

The resistance of the lightning conductor to earth shall be as low as possible and in no case be more than 10 ohms.

17. मैगजीन के घातों और 15 मीटर की दूरी के अंतर्गत कोई शुल्क घास या झाड़ी या ज्वलनशील सामग्री नहीं रखा जाएगा।

- 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 लिया 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 / भंडारगृह 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 शीघ्रतया वहां से हटा दिया जाएगा और नष्ट कर दिया जाएगा।
Empty packages of the explosives shall be removed at the earliest and destroyed.
21. अनुज्ञापिधारी और कर्मचारीयों को परिसर के भीतर आपातकाल 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 समर्थी पर अनुज्ञा परिसर में अबाध रूप से पहुंचने दिया जाएगा और यह सुनिश्चित करने के लिए कि अधिनियम और इन नियमों के उपबंधों और सुरक्षा स्थितियों को सम्यक्तः अनुपालन किया जा रहा है, अधिकारी को प्रत्येक सुविधा प्रदान की जाएगी।
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 अनुज्ञापन प्राधिकारी या विस्फोटक नियंत्रक अनुज्ञापिधारी को अनुज्ञा परिसरों या मशीनरी, टूल या उपकरण में ऐसी कोई मरम्मत या परिवर्धन या परिवर्तन करने या सिफारिशों को लागू करने को लिखित रूप में सूचित करता है जो परिसर के अंदर या बाहर या व्यक्तियों की सुरक्षा के लिए आवश्यक है, अनुज्ञापिधारी सिफारिशों को निष्पादित करेगा और विनिर्दिष्ट अवधि के भीतर अनुपालन रिपोर्ट ऐसे प्राधिकारी को देगा।
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 licence shall execute the recommendations and report compliance within the period specified by such authority.
24. अनुज्ञापिधारी मैगजीन में रखने और बिक्री के लिए प्राधिकृत विस्फोटक सूची में उल्लिखित अनुज्ञा फैक्टरी या कंपनी से प्राधिकृत विस्फोटक / आतिशबाजी या सुरक्षा फ्यूज 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.(ए1) या 145 डी.बी.(सी)पी.के. प्रतिबंधित होंगे;
(ख) श्रृंखला (जुड़े हुए पटाख) को गठन करने वाले व्यक्तिगत पटाखों के लिए उपयुक्त उल्लिखित सीमा 5 लॉग.10(एन) डी बी (सी) पी.के. प्रतिबंधित होंगे;
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 log₁₀ (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 पुलिस थाने और अनुज्ञापन प्राधिकारी और अनुज्ञापन 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 :

1. अनुज्ञापिधारी 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
दक्षिणार्क, चेन्नै | South Circle, Chennai
Digitally signed by Joint Chief Controller of Explosives
DN: cn=Joint Chief Controller of Explosives, o=South Circle, Chennai



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 of factory licence number E/SC/KL/22/1285(E56732) in form LE-3 granted to Shri Shri K.N. Madhusoodanan, Managing Partner, M/s Vajra Rock Mining Industries, Sreenikethan, Kalamajoor P.O., Puthanamthitta District-689694, Kerala, Kerala-689694.

Type of Structure(s)		Safety distances meters	
Inside Safety Distances(ISD)			
		M	F.M
1	Room or Workshop used in Connection with the Magazine	19	20
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		45
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, Spirit, gas, or other inflammable or hazardous substances		
19	Building or Works used for Storage and Manufacture of Explosives or of articles which contain Explosives		95
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		90
28	Electric Power over head Transmission Lines upto 440V		15

The Date : 07/10/2011

Amendments :


- Amendment in Drawings/Facilities/Premises dated : 19/04/2013
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 19/04/2013
- Amendment in Drawings/Facilities/Premises dated : 11/12/2013


 For: Joint Chief Controller of Explosives
 South Circle, Chennai


 Joint Chief Controller of Explosives
 South Circle, Chennai



REGISTERED POST

	<p>भारत सरकार/ Govt. of India श्रम एवं रोजगार मंत्रालय/ Ministry of Labour & Employment खान सुरक्षा महानिदेशालय/ Directorate General of Mines Safety बेंगलुरु, क्षेत्र, द.अं / Bengaluru Region, SZ.</p>	
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सं.SZ/BGR/KL/PTH/106(2)(b)/P-135/2014-15/829 बेंगलुरु, दिनांक, 19/5/2015.

प्रेषक,

खान सुरक्षा निदेशक,

खान सुरक्षा महानिदेशालय,

बेंगलुरु क्षेत्र, द.अं।

#5, 17th Main, 100 ft. Road, 4th B-Block,
कोरामंगला, बेंगलुरु-560 034 (KA)

सेवा में,

Sri K.N.Madhusoodan

Nominated Owner: Koodal Stone Quarry

M/s Mavanal Granites Pvt Ltd.

"Sreenikethan"

Kalanjocri post, Pathanamthitta District,
Kerala-689 694.

विषय:- Conditions governing the use of Heavy Earth Moving Machinery(HEMM) without deep hole drilling and blasting under Reg.106(2)(b) of the MMR, 1961, at Koodal Stone Quarry(M/s Mavanal granites Pvt.ltd, Owner Sri K.N.Madusoodanan),in Sy No.288/1 part in block 32 of Koodal village, Konni Taluk, Pathanamthitta District of Kerala.

सहोदय,

Please refer to your application No Nil dated 16.02.2015 on the above subject along with Surface Plan No. No. GTS/MG-Kjr/01/2014 dated 03.01.2014 enclosed therewith.

The matter has since been examined in the light of what has been stated in your application. In exercise of the powers conferred on the Chief Inspector of Mines under the provisions of Regulation 106(2)(b) of the Metalliferous Mines Regulations, 1961 and by virtue of the authorization granted to me by the Chief Inspector of Mines (also designated as Director-General of Mines Safety) under Section 6(1) of the Mines Act, 1952, I hereby impose following conditions governing the use of Heavy Earth Moving Machinery(HEMM) without deep hole drilling and blasting under Regulation 106(2)(b) of the Metalliferous Mines Regulations,1961 to form benches in overburden & orebody at Kodal Stone Quarry(M/s Mavanal granites Pvt.ltd,Owner Sri K.N.Madusoodanan),in Sy No.288/1 part in block 32 of Koodal village, Konni Taluk, Pathanamthitta District of Kerala:

1.0 General:

1.1 Except where otherwise provided for, all provisions of the Metalliferous Mines Regulations, 1961 shall be strictly complied with.



First Class without deep hole

1

2.0 Opencast Working:

2.1 Height and Width of Benches:

- 2.1.1 The height of benches in overburden, ore body or other rock formation shall not be more than maximum digging height of the machine used for digging, excavation or removal or 7.0m whichever is less.
- 2.1.2 Width of any bench shall not be less than -
 - (a) width of the widest machine plying on the bench plus 2 m, or
 - (b) if dumpers ply on the bench, 3 times the width of the dumper, or
 - (c) the height of the bench, whichever is more.
- 2.1.3 When persons are employed at the working face, adequate precautions shall be taken to ensure their safety by dressing the sides of the bench.
- 2.1.4 Formation of benches shall be done from top downwards.

2.2 Roads for Trucks and Dumpers etc:

- 2.2.1 All roads for trucks, dumpers or other mobile machinery shall be maintained in good condition.
- 2.2.2 Wherever practicable, all roads from the opencast workings shall be arranged to provide one-way traffic. Where one-way traffic it is not practicable, no road shall be of width less than three times plus 5m width of the largest vehicle plying on road.
- 2.2.3 All corner and bends shall be made in such a way that operator of vehicle have clear view of distance of not less than 3 times the braking distance of largest HEMM working at 40Km/hour.
- 2.2.4 Where it is not possible to ensure a visibility for a distance as mentioned in clause (2.2.3), there shall be provided with two roads of width not less than 2 times plus 3m of largest vehicle plying on the road with a strong road divider at centre with adequate lighting and reflector along the divider.
- 2.2.5 Where any road existing above level of surrounding area it shall be provided with strong parapet wall/embankment of following dimensions:
 - (a) Width at top-not less than 1 m.
 - (a) Width at bottom-not less than 2.5 m.
 - (b) The height not less than the diameter of tyre of largest vehicle plying on road. It may be noted that just dumping of mud or OB shall not be treated as strong parapet wall.
- 2.2.6 No road shall have gradient more than 1 in 16. However, the ramps with 1 in 10 gradient shall not be for more than 100m at one stretch.

3.0 Supervision :

- 3.1 A person possessing First Class Mine Manager's Certificate of competency under Regulation MMR, 1961 shall be appointed as the manager of the mine to look after HEMM operation. This permission shall stand revoked as soon as the qualified manager ceases to work at the mine. Use of HEMM shall be suspended in the absence of manager with aforesaid qualification.
- 3.2 During every production shift, the opencast workings shall be placed under the charge of an Assistant Manager and during maintenance shift, the workings shall be placed under the charge of a Foreman, who shall be responsible to see that all the regulations and orders made there under are strictly complied with.
- 3.3 Adequate number of supervisors including duly qualified Foremen and Mates shall be appointed in each working shift to assist the manager. Manager, Foreman and Mate shall be responsible to see that all the regulations and the orders made there under are strictly complied with.



First Class without deep hole

II- MACHINERY

4.0 DESIGN & MAINTENANCE OF MACHINERY& VEHICLES

Every Heavy Earth Moving Machinery shall be maintained in good and safe working condition.

- 4.1 Every Heavy Earth Moving Machinery shall be provided with efficient warning devices, adequate front and rear lights and efficient brakes. Every Dumpers/Truck shall be provided with Audio-Visual warning device, which shall be actuated automatically to produce both audible and visual warning system during reversal of vehicle and any other advanced mechanism like rear view mirror shall be provided
- 4.2 Every shovel shall be so designed as to afford the operator clear and uninterrupted vision all around
- 4.3 Operators cabin of every machine or vehicle shall be well designed and substantially built so as to ensure adequate protection to the operator against heat, dust, noise etc., and at the same time provide adequate safety to the operator in the event of overturning of heavy earth moving machinery. A seat belt for the safety of the operator shall also be provided.
- 4.4 The code of instructions furnished by the manufacturers in the matter of maintenance of various machinery and vehicles and preventive maintenance schedules for each type of machinery and vehicle shall be strictly followed.
- 4.5 Every machine and vehicle shall be allocated at least one day in every week for maintenance. Before the machine or vehicle is sent out for work after maintenance, it shall be thoroughly inspected by the engineer, mechanical foreman or other competent person authorized by the Manager in writing, who shall satisfy himself that the machine or vehicle is mechanically sound and in efficient working order.
- 4.6 A report of every inspection made under clause (4.6) shall be recorded in a bound paged book kept for the purpose and shall be signed and dated by the person making the inspection and countersigned by the Engineer
- 4.7 Every machine in use shall be thoroughly inspected once at least in every 24 hours by a competent person duly authorized by the Manager of the mine.
- 4.8 If the Engineer, Mechanical Foreman or other competent person making inspection, notices any defect in any machinery or vehicle, the said machinery or vehicle shall not be used until the defect has been remedied.
- 4.9 Any defect in a machinery or vehicle reported by its operator shall be promptly attended to.
- 4.10 Any machine or vehicle found to be in an unsafe operating condition shall be tagged at the operator's position "OUT OF SERVICE, DO NOT USE" and its use shall be prohibited until the unsafe condition has been corrected
- 4.11 All repair to machinery or vehicle shall be done at a location, which will provide a safe place for the persons engaged on repairs
- 4.12 Except for testing, trial, or adjustment, which must necessarily be done while the machine or vehicle is in motion, every machine or vehicle shall be shut down and positive means taken to prevent its operation while any repair or manual lubrication is being done.
- 4.13 Any machinery, equipment or part thereof which is suspended or held apart by use of slings, hoists, jacks shall be substantially blocked or cribbed before men are permitted to work underneath or between such machinery, equipment or part thereof.
- 4.14 Power shall be disconnected when repairs are made to any electrical machinery.
- 4.15 While inflating tyres of transport vehicles, suitable protective cages shall be used. Tyres shall never be inflated by standing/sitting either in the front or on the top of the same.
- 4.16 Only such fitters or mechanics, who possesses driving license under Motor Vehicles Act shall be authorized by the manager to test run the HEMM.



- 4.17 The Brakes of all trucks-dumpers and other transport vehicles shall be tested atleast once in every fortnight by a competent person duly authorized by the Manager of the mine in manner detailed below:

Service Brake Test: The Service brake shall be tested with the vehicle is fully loaded condition on a specified gradient and speed. It shall stop within a specified distance by the manufacturer of the vehicle when the service brake is applied.

Parking Brake Test: The parking brake shall be capable of holding the truck/dumper/transport vehicle when is fully loaded and placed on maximum gradient of roadway which is permitted, for a period of atleast ten minutes

- 4.18 A record of all such test shall be maintained in a bound paged book kept for the purpose and shall be signed by the person carrying out the test and countersigned by the Engineer and Manager of the mine.
- 4.19 Every dumper/tipper/truck shall be provided with automatically operating audio-visual reversing alarm, which shall always be kept in working order.
- 4.20 No person shall be permitted to work on the chassis of truck or dumper with the body in a raised position until the truck or dumper body has been securely blocked in position. The mechanical hoist mechanism alone shall not be depended upon to hold the body of the truck or dumper in raised position.

5.0 DAILY EXAMINATION OF MACHINERY AND VEHICLE:

- 5.1 At the commencement of every shift, the Engineer or Mechanic or Foreman or other authorized Competent persons shall personally inspect and test every machine and vehicle paying special attention to the following details:
- 5.1.1 That the brakes and the horn or other warning devices are in working order;
- if the vehicle or machine is required to work after day light hours that the lights are in working order.
- 5.1.2 He shall not permit the vehicle or machine to be taken out for work nor shall he drive the vehicle unless he is satisfied that it is mechanically sound and in efficient working order.
- 5.1.3 He shall also maintain a record of every inspection in a bound paged book kept for the purpose. Every entry in the book shall be signed and dated by the person making the inspection.

6.0 OPERATION OF MACHINERY:

- 6.1.1 No person other than the operator or his helper if any or any person so authorized in writing by the manager shall ride on a Shovel or Excavator.
- 6.1.2 No shovel or excavator shall be operated in a position where any part of the machine, suspended loads or lines are brought closer than three metres to exposed high voltage lines, unless the current has been cut off and the line de-energized. A notice of this requirement shall be posted at the operator's control panel.
- 6.1.3 Electrical cables, if any shall be laid in such a manner that they are not endangered either by falling rocks or by mobile equipment.
- 6.2 If more than one stripping machine is in use in any area, either on the same bench or on different benches the machines shall be so spaced that there is no danger of accident from flying or falling objects etc. from one machine to the other.



First Class without deep hole

7.0 DUTIES OF MACHINERY OPERATORS:

- 7.1 a) Every Heavy Earth Moving Machinery shall be under the charge of a competent person (herein called the 'operator') authorized in writing by the Manager.
- b) Operator/driver of each HEMM shall be selected from amongst persons possessing requisite qualifications. The selection process shall comprise a test to check driving/operating skill, aptitude, health and oral examination of the candidate by a competent selection committee. The selected person shall be trained and their competency shall be evaluated by a board constituted by the mining company.
- c) All operators of HEMM shall undergo regular checks to test their driving/operating skill, knowledge and health once in every five years.
- d) To prevent unauthorized driving, a system shall be evolved whereby the ignition key and /or cabin key always remain with the driver/operator or with specifically designated competent person
- 7.2 At the commencement of every shift, the operator shall personally inspect and test the machine, paying special attention to the following details:
- 7.3.1 That the brakes and every warning device are in working order.
- 7.3.2 If it is required to work after the day light hours, all the lights on the vehicle are in working order.
- 7.3.3 Operator shall not take out the machine for work nor shall he work the machine unless he is satisfied that it is mechanically sound in efficient working order.
- 7.3.4 The operator shall not operate the machine when persons are in such proximity as to be endangered.
- 7.3.5 Operator shall not swing the bucket of a shovel over passing haulage units and other. While truck are being loaded he shall swing over the body of the truck/dumper and not over the cab, unless the cab is protected by a substantially strong cover.
- 7.3.5 The operator shall not allow any unauthorized person to ride on the machine.

8.0 OPERATION OF THE TRUCKS-DUMPERS & OTHER TRANSPORT VEHICLES:

- 8.1 The Manager of the mine shall frame a Standard Operating Guidelines/Code of Practice for operation of trucks-dumpers and other vehicles on the following aspects and ensure its compliance.
- 8.2 No person shall be permitted to ride on the running board of a truck or dumper.
- 8.3 As far as possible, loaded dumpers or trucks shall not be reversed on gradients.
- 8.4 While reversing a vehicle at dump yard/stopping point suitable mechanism like stop blocks/earthen bund etc. shall be provided to prevent a vehicle from approaching towards edge of dump.
- 8.5 Standard traffic rules shall be framed and followed during movement of all trucks and dumpers. They shall be prominently displayed at the relevant places in the opencast workings and truck/dumper roads.
- 8.6 When not in use every truck or dumper or other transport vehicle shall be moved to and parked at proper parking places.
- 8.7 No unauthorized person shall be permitted to enter or remain in any dumping yard or turning points.
- 8.8 While vehicle is being loaded/unloaded on a gradient, the same shall be secured on a stationary position by parking brake and any other suitable mechanism.



First Class without deep hole

9.0 DUTIES OF TRUCK/DUMPER OPERATORS:

9.1 At the commencement of every shift, the operator shall also personally inspect and test the machine, paying special attention to the following details:

- (i) That brakes and every warning device are in working order; and
- (ii) If the machine is required to work after day-light hours, that lights are in working order.
- (iii) He shall not take out the machine for work nor shall he operate the machine unless he is satisfied that it is mechanically sound and in efficient working order.

9.2.1 He shall not drive too fast, shall avoid distraction, and shall drive defensively. He shall not attempt to overtake another vehicle unless he can see clearly far enough ahead to be sure that he can pass it safely. He shall also sound the audible warning signal before overtaking.

9.2.2 When approaching stripping equipment, the driver of the dumper/truck shall sound the audible warning signal and shall not attempt to pass the stripping equipment until he has received a proper audible signal in reply.

9.2.3 Before crossing a road or railway line, he shall reduce his speed, look in both directions along the road or railway line, and shall proceed across the road or line only if it is safe to do so.

9.2.4 The operator shall sound the audible warning signal before while approaching 'blind' corners or any other points from where persons may walk in front unexpectedly.

9.2.4 The operator shall not operate the truck or dumper in reverse unless he has a clear view of the area behind the vehicle. He shall give an audible warning signal before reversing a truck or dumper.

9.2.5 The operator shall be sure of clearance before driving through tunnels, archways, plants, structures etc.

9.2.6 The operator shall see that the vehicle is not overloaded and that the material is not loaded in a dumper or truck so as to project horizontally beyond the sides of its body and that any material projecting beyond the front or rear is indicated by a red flag during day and a red light after day light hours.

9.2.7 The operator shall not allow any unauthorized persons to ride on the vehicle. He shall also not allow more than authorized number of persons to ride on the vehicle.

9.2.8 As far as possible loaded trucks or dumper shall not be reversed on gradient

9.3 "The Code of Traffic Rules" framed by the Mines Manager for movement of all trucks, tippers and dumpers prominently displayed at the relevant places in the opencast workings of the mine shall be complied with.

10 SPOIL BANKS

10.1 The spoil bank shall be designed and maintained scientifically.



First Class without deep hole

- 10.2 The toe of the spoil bank shall not approach Railway or other public works, public road or building or other permanent structures not belonging to the owner of the mine closer than a distance equal to the vertical height of the spoil bank.
- 10.3 A suitable fence shall be provided between any railway or public works or road or building or structure and the toe of an active spoil-bank so as to prevent unauthorized persons from approaching the spoil bank.
- 10.4 No person shall, or shall be permitted to approach the toe of an active spoil bank where he may be endangered from material rolling down the face.
- 11.1 **ADDITIONAL DUTIES ENGINEER IN CHARGE OF MACHINES AND VEHICLES IN OPENCAST WORKINGS:**
- 11.2 During each shift the machines and vehicles at work shall be placed under the charge of qualified and experienced Engineer to effect inspection, examination, safe operations and maintenance of the machines and vehicles . During his shift the competent shall;
- inspect, examine machines, equipments and vehicles satisfy himself that they are in sound and safe working order;
 - not allow any machine and vehicles to be used, if it is found defective;
 - ensure that every machines and vehicles used is in a safe and efficient order;
 - ensure that each operation, activity is carried on in safe and efficient manner.

12.0 Precautions while Drilling:

- 12.1 The position of every shot - hole to be drilled shall be distinctly marked by the mine Foremen so as to be readily seen by the drillers.
- 12.2 No person shall be permitted to remain within a radius of 20m or within 60m on the same bench where charging of holes with explosives is being carried out.

13.0 Transport of Explosives:

- 13.1 Where explosives are transported in bulk, the following precautions shall be taken:
- 13.1.1 Transport of explosives from the magazine to the priming station or the site of blasting shall not be done except in original wooden or cardboard packing cases. The quantity of explosive transported at one time to the site of blasting shall not exceed the actual quantity required for use in one round of shots. Explosives shall be transported to the site of blasting not more than 90 minutes before the commencement of charging of the holes.
- 13.1.2 No mechanically propelled vehicle shall be used for the transport of explosives unless it is of a type approved in writing by the Chief Inspector.
- 13.1.3 Every vehicle used for transportation of explosive shall be marked or placarded on both sides and ends with the word 'Explosives' in white letters not less than 15 cm high on a red background.
- 13.1.4 Every mechanically propelled vehicle transporting explosives shall be provided with not less than two fire extinguishers (one of carbon tetrachloride type for petroleum fire and the other of carbon dioxide under pressure type for electrical fire) suitably placed for convenient use.
- 13.1.5 The vehicle used for transport of explosives shall not be overloaded and in no case shall the explosive cases be piled higher than the sides of its body.
- 13.1.6 Explosives and detonators shall not be transported in the same vehicle, at the same time.
- 13.1.7 No persons other than the driver and his helper shall ride on a mechanically propelled vehicle used for transport of explosives.
- 13.1.8 A vehicle loaded with explosive shall not be left unattended.



- 13.1.9 Engine of a vehicle transporting explosives shall be stopped and the brakes set securely before it is unloaded or left standing.
- 13.1.10 A vehicle transporting explosives shall not be driven at a speed exceeding 25 kilometers per hour.
- 13.1.11 A vehicle loaded with explosives shall not be taken into garage or repair shop and shall not be parked in a congested place.
- 13.1.12 A vehicle transporting explosives shall not be re-fuelled except in emergencies and only when its engine is stopped and other precautions taken to prevent accidents.
- 13.1.13 No trailer shall be attached to a vehicle transporting explosives.
- 13.1.14 Every vehicle used for the transport of explosives shall be carefully inspected once in every 24 hours by a competent person to ensure that:
- fire extinguishers are filled and in place;
 - the electric wiring is well-insulated and firmly secured;
 - the chassis, engine and body are clean and free from surplus oil and grease;
 - the fuel tank and feed lines are not leaking; and
 - lights, brakes and steering mechanism are in good working order.
- 13.1.15 Report of every inspection made under clause (13.1.14) shall be signed and dated by competent person making the inspection.
- 13.1.16 All operations connected with transport of explosives shall be conducted under the personal supervision of a Foreman in charge of blasting operations at the mine.
- 13.1.17 The blaster shall personally search every person engaged in the transport and use of explosives and shall satisfy himself that no person so engaged has in his possession any cigarette, 'biri' or other smoking apparatus, or any match or any other apparatus of any kind capable of producing a light, flame or spark.

14.0 Precaution during Firing:

- 14.1 Shots shall not be fired except during hours of day-light. All holes charged on any one day shall be fired on the same day.
- 14.2 As far as practicable, shot firing shall be carried out either between shifts or during the rest interval, or at the end of work for the day.
- 14.3 During the approach and progress of an electric storm, the following precautions shall be taken:
- no explosive, particularly detonators, shall be handled;
 - if charging operations have been commenced, the work shall be discontinued until the storm has passed;
 - if the blast is to be fired electrically, all exposed wires shall be coiled up and if possible placed in the mouth of the holes, or kept covered by something other than a metal plate/conductive material;
 - all wires shall be removed from contact with the steel rails or a haulage track so as to prevent the charge being exploded prematurely by a local strike of the lightning.
- 14.4 The danger zone shall be distinctly demarcated (by means of red flags properly arranged and supported) before charging of holes is to commence.
- 14.5 Before firing, a siren installed for the purpose shall be blown three times for one minute each at intervals of one minute; and no shots shall be fired unless the blasting foreman with assistance of sufficient number of persons appointed in writing by the manager for the purpose has ensured that all persons have left the danger zone or have taken adequate shelter.
- 14.6 No shot shall be fired when there is traffic on any road or railway track within the danger zone.



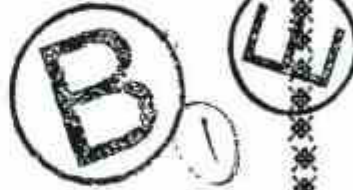
15.0 MISCELLANEOUS:

- 15.1 Tractor-trailer combination shall normally not be allowed on haul roads. (Where inevitable, only four wheeler trailers with separate brakes of their own shall be used.
- 15.2 Trucks, tippers and other heavy vehicles, not belonging to management shall not be allowed in the mine premises without a valid pass issued by the competent authority of the mine. Before the pass is issued the mine engineer/competent person shall check the roadworthiness of such vehicle. In order to check the entry of such vehicle in the mine premises, properly manned check gate shall be provided at the mine entrance where the record of entry & exit of each vehicle shall be maintained. At the check gate the license of the drivers shall also be checked for eliminating the possibility of unlicensed persons driving the vehicle.
- 15.3 Persons engaged in surface operation and in particular, the contractor's workers shall be provided closer and competent supervision.
- 15.4 All persons engaged at any work within the mine premises through the contractors shall be provided with relevant training and other job related briefings and it shall be ensured that the drivers of the vehicle belonging to contractors entering the mine premises have additionally been explained the salient provisions of "Traffic Rules".
- 15.5 Each and every operation, including the operation carried out through contractor's worker or by outside agency, shall be placed under the charge of a competent supervisor, duly appointed and authorized by the manager.
- 15.6 Manager shall frame Safe Operating Procedure (SOP) for each operation/equipment and copy of it shall be handed over to all concerned. It shall be the duty of all statutory persons to enforce the SOPs so framed.
- 15.6.1 In case of "Dimensional Mining", Manager shall also frame safe operating procedure for use of Derrick Crane, Mobile Crane, Wire-Saw, use of expansion chemical/mortar along with use of excavators for handling of granite blocks and the copies of the same shall be handed over to all concerned including all statutory persons for enforcement.
- 15.7 All the precautions and directives given in DGMS circulars issued from time to time shall be complied with.
- 15.8 The Owner, Agent and Manager shall ensure that the aforesaid conditions are made known to all concerned. They shall also ensure that every such person has fully understood the same and complies with them.
- 15.9 Please note that the above governing conditions are subject to the following additional conditions:
- 15.9.1 In the event of any change in the circumstances connected with the use of HEMMs which is likely to endanger the life of workmen employed in the mine, operations for which these conditions have been imposed shall be stopped forthwith and intimation thereof shall be sent to this Directorate. The said mining operation shall not be resumed without an express and fresh authority to that effect in writing from this Directorate.
- 15.9.2 These governing conditions may be amended or withdrawn at any time should it be considered necessary in the interest of safety.
- 15.9.3 These governing conditions are being issued specifically under the regulations mentioned above and without prejudice to any other provision of law, which may be or may become applicable at any time.



आपका विश्वसनीय,
[Signature]
(पी.सी. रजक)
खान सुरक्षा निदेशक,
बेंगलुरु क्षेत्र, द.अं.

Form I. R.



CERTIFICATE OF INCORPORATION

No. 39-35895 of 1990.....

I hereby certify that **MAVANAL GRANITES PRIVATE**
LIMITED

is this day incorporated under the Companies Act, 1956 (No 1 of 1956)
and that the Company is Limited.

Given under my hand at **Cochin,**

this **the seventeenth** day of **September,**

One thousand nine hundred and **ninety,**

the 26th day of Bhadra, 1912(Saka).

(Signature)
(K. PANDIAN)
Registrar of Companies,
KERALA

Certificate of Incorporation
attached as per Regulation
16 (2) of the Companies

Amended
Mith S.M.

Regulation, 1956

(Signature)
Registrar of Companies,
Kerala.

17/9/90





THE COMPANIES ACT, 1956
COMPANY LIMITED BY SHARES
ARTICLES OF ASSOCIATION
OF
MAVANAL GRANITES PRIVATE LIMITED

- 1 In these Regulations.
- "The Act" means The Companies Act 1956.
- "These Articles" means these Articles of Association as originally framed or as from time to time altered in accordance with the provisions of the Act.
- "The Board" means the Board of Directors for the time being of the company.
- "Dividend" includes Bonus.
- "The Managing Director" means the Managing Director for the time being of the company.
- Kh "Month" means the Calendar month.

Ammeri
Mith 5M



No 895/20.7.90

Sri X. N. Madhusudanan, Sreenikethan,
Kalamangal P. O. Palakkad District

P. P. Chacko

ശ്യാമപ്രസാദ് മേനോൻ
മുഖ്യമന്ത്രി
മുഖ്യമന്ത്രിയുടെ
സെക്രട്ടേറിയം

(2)

Receipt No.	36939
Date	5/9/90
Amount Rs	50/- (6000)
Cashier	
Superintendent	5/9/90
Document	
Register	
Document	

Company No.	09-05805	Document No.	2
Registered/Revised/Fixed on.	17/9/1990		
Date of first issue	Permanent		



A. S. Sreedhar
Registrar of Companies
Kerala





3

"Year" means the financial year.

"Register" means the Register of Members of the Company, required to be kept in pursuance of section 150 of the Act.

"In writing" and "written" includes printing, lithography and other modes of representing or reproducing words in a visible form.

"The Registrar" means the Registrar of Companies, Kerala.

"The office" means the registered office for the time being of the company.

"Paid up" includes credited as paid up.

"Proxy" includes Attorney duly constituted under a power of attorney.

"Seal" means the Common Seal of the Company.

PRIVATE COMPANY

- 2 The Company is registered as a Private Company and accordingly:
- (a) The right to transfer the shares shall be restricted as hereinafter provided.
- (b) Any invitation to the public to subscribe for any shares in or debentures of the Company is hereby prohibited.



IX

- (c) The number of members of the Company (exclusive of persons who are in the employment of the Company and persons who, having been formerly in the employment of the Company, were members of the Company while in that employment and have continued to be members after the employment ceased) is not to exceed fifty. Provided that where two or more persons hold one or more shares in the Company jointly, they shall for the purpose of these Articles be treated as a single member.
- 3. The Regulations for the Management of the affairs of the Company and for the observance of its members shall be those that are contained in these presents. Where no express provision is made hereunder in respect of any matter the regulations in respect thereof, contained in Table A in the First schedule to The Companies Act, 1956 shall, so far as they are applicable to a private company shall apply to the company.

SHARE CAPITAL

- 4. The Authorised share capital of the company is Rs. 18,00,000/- (Rupees Eighteen lakhs) divided into 1,80,000 (One lakhs eighty thousand) Equity Shares of Rs. 10/- (Rupees Ten) each.

SHARES

- 5. The shares shall be under the control of the Board of Directors, who may allot or otherwise dispose of the same to such persons on such terms and conditions and either, at a premium or at par or at a discount and at such times as the Board think fit *subject to the provisions of the Companies Act, 1956*
- 6. Subject to the provisions, if any, in that behalf of the Memorandum of Association of the Company and without prejudice to any special rights previously conferred on the holders of existing shares of the Company, and subject to the provisions of the Clause 3 to Table A shares in the Company, may be issued with such preferred or other special right or such restrictions whether in regard to dividend, return of share capital or otherwise as the Company may from time to time by special resolution determine and any preference share may be issued as provided in clause 2 of Table A.

LIEN

- 7. The Company shall have a first and paramount lien which shall extend also to all dividends payable thereon:
 - (a) On every share for all moneys, (whether presently payable or not) called or payable at any time in respect of that share;
 - (b) On all shares standing registered in the name of a single person for all moneys presently payable by him or his estate to the Company.





CALLS

- 8 (a) The Board may from time to time make calls upon the members in respect of any moneys unpaid on their shares [whether on account of nominal value of the shares or by way of premium] and not by the conditions of allotment thereof made payable at fixed times.
- (b) Each member shall, subject to receiving at least fourteen days' notice specifying the time or times and place of payment, pay to the Company at the time or times and place so specified, the amount called on the shares.
- (c) A call including the payment made payable at fixed times by the conditions of allotment may be postponed or revoked or the revoked calls remade at the discretion of the Board.

TRANSFER AND TRANSMISSION

- 9 The Board may decline to register.
 - (a) The transfer of a share on which the Company has lien.
 - (b) The transfer of a share not being a fully paid share to a person whom they do not approve.
 - (c) The transfer of any share whether fully paid or not to a person not being already a member of the Company or the spouse or a lineal descendant of the transferor unless and until the rights of pre-emption hereinafter conferred in Articles 10 shall have been exhausted.
- 10(a) Except as hereinafter provided no shares in the Company shall be transferred unless and until the rights of pre-emption hereinafter conferred shall have been exhausted.
- (b) Every member or other person who intends to transfer shares (hereinafter called the vendor) shall give notice in writing to the Board of his intention so to do. The notice shall constitute ipso facto the Board his agent for sale of the said shares in one or more lots at the discretion of the Board to members of the Company at a price to be agreed upon by the vendor and the Board or in case of difference, at the price which the Auditor of the Company for the time being shall certify by writing under his hand to be in his opinion the fair selling value thereof as between a willing vendor and a willing purchaser.
- (c) Upon the price being fixed as aforesaid, the Board shall forthwith give notice to all the members of the Company of the number and price of the shares to be sold and invite each of them to state in writing within twenty one days from the date of the said notice whether he is willing to purchase any and if so what maximum number of the said shares



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- (d) At the expiration of the said twentyone days, the Board shall allocate the said shares to or amongst the member or members who shall have expressed his, or their willingness to purchase as aforesaid and (if more than one), so far as may be pro-rata according to the number of shares already held by them respectively provided that no member shall be obliged to take more than the said maximum number of shares so notified by him as aforesaid.

Provided that neither this sub-clause nor the preceding sub-clause shall apply to a shareholder being the registered holder of less than 10 percent of the paid up capital of the Company. No such shareholder shall have the right of pre-emption. The existing members are allowed a period of up to six months to make the complete payment. The payment of an advance will transfer the voting right to the buyer on all matters concerning a general meeting of the Company. Upon such allocation being made the vendor shall be bound on payment of the said price to transfer the shares to the purchasers and if he makes default in so doing the Board may receive and give a good discharge for the purchase money on behalf of the vendor and enter the name of the purchaser in the register of members as holder by transfer of the said shares purchased by him.

- (e) In the event of the said shares not being sold under Articles 10 (d), the vendor may at any time within three calendar months after expiration of the said twenty one days transfer the shares not sold to any person (subject to Article 9 hereof) and at any price.

- (f) Clause 10 (a), (c) and (e) hereof shall not apply to a transfer merely for the purpose of effectuating transfer into the name of trustees or to a transfer by executors or administrators to a legatee under the will of or to the husband, wife or next of kin of a deceased member nor to transfer by trustee to the beneficiary provided that it is proved to the satisfaction of the Board that the transfer bonafide falls within one of these exceptions, or to a transfer made with the consent in writing of all the shareholders. 10
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- 11 For giving effect to any sale of shares by the Boards, the Board, may authorise any person to transfer the shares to the purchaser thereof.

GENERAL MEETING

- 12 In regard to the calling and conduct of meetings, the Company, shall be governed by the provisions of Sections 166 to 197 of the Companies Act in so far as they are applicable to private companies. PROVIDED however that the Proviso to Section 172(2), Section 173 and Section 176 (2) shall not apply to this Company.

DIRECTORS

- 13 Until otherwise determined by a General Meeting the number of Directors shall not be less than two or not more than seven.

- 14 The first directors of the company shall be:-

1. K. N. Madhusoodanan
2. P. K. Narayana Panicker

of the above, the said K. N. Madhusoodanan shall be the Managing Director and Subject to the provisions of the Act his period of office and remuneration shall be fixed by the Board from time to time.





vi

- 15 Any casual vacancy occurring on the Board may be filled up by the Directors. If the office of the Managing Director if any, becomes vacant for any cause whatsoever, the Directors may appoint any person or persons in his place and may fix terms and conditions as to his term of office, powers and remuneration.
- 16 Subject to Section 289 of the Companies Act, 1956 any proceedings circulated among all the Directors and approved and signed by a majority of the Directors shall have the same effect as a resolution passed at a meeting of the Directors.
- 17 Each Director shall be entitled to a sitting fee of Rs. ~~500~~^{250/-} for attending each meeting of the Board of Directors and shall also be entitled to reasonable travelling expenses. A Director shall also be entitled to additional payment for any extra work or service done by him for the Company as the Board may sanction in this behalf. ^{100/-}
- 18 It shall not be necessary for a Director to hold any qualifying shares in the Company. ^{100/-}

POWERS OF DIRECTORS

- 19 The business of the Company shall subject to the provisions hereof be managed by the Board of Directors, who may exercise all such powers of the Company as not by the Act or any statutory modification thereof for the time being in force, or by these presents required to be exercised by the Company in General Meeting, subject nevertheless to any regulation of these presents, to the provisions of the said Act, and to such regulations being not inconsistent with the aforesaid regulations or provisions and as may be prescribed by the Company in General Meeting; but no regulation made by Company in General Meeting shall invalidate any prior act of the Board which would have been valid if that regulation had not been made.
- 20 Without prejudice to the generality of the powers conferred by the last preceding clause, and the other powers conferred by these presents, it is hereby expressly declared that the Directors shall have the following powers, that is to say power:-
- To carry on and transact the several kinds of business specified in Clause 111 of the Memorandum of Association of the Company.
 - To draw, accept, endorse, discount, negotiate and discharge on behalf of the Company all bills of exchange, promissory notes, cheques, hundies, drafts, railway receipts, dock warrants, delivery orders, Government promissory notes, other Government instruments, bonds, debentures or debenture stocks of Corporation local Bodies, Port Trusts, Improvement Trusts or other Corporate Bodies and to execute transfer deeds for transferring stocks share or stock certificates of Government and other local or corporate bodies in connection with any business or any object of the Company.
 - To acquire by purchase, lease, exchange, or otherwise, lands, estates, fields, buildings, offices, showrooms, godowns and other buildings in the State of Kerala or elsewhere, machinery, engine, plant, rolling stock, tools, machine tools, outfits, stores, hardware and any other materials of whatever description either for credit or for cash and present or future delivery.
 - At their discretion, to pay for any property rights or privileges acquired by or services rendered to, the Company; either wholly or partially in cash or in shares, bonds, debentures or other securities of the Company, and any such

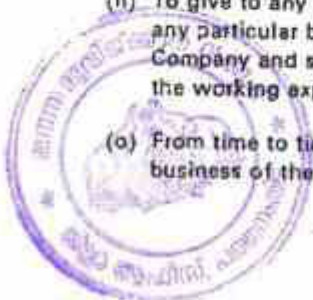


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shares may be issued either as fully paid up or with amount credited as paid up thereon as may be agreed upon, and any such bonds, debentures, or other securities may be either specifically charged upon all or any of the property of the Company or not so charged.

- (e) To engage and at their discretion to remove suspend, dismiss and remunerate bankers, legal advisers, accountants, cashiers, clerks, agents, commission agents, declarers, brokers, foremen, servants, employees of every description and to employ such professional or technical or skilled assistants as from time to time may in their opinion be necessary or advisable in the interest of the Company and upon such terms as to duration of employment, remuneration or otherwise and may require security in such instances and to such amounts as the Directors think fit.
- (f) To secure the fulfilment of any contracts or agreements entered into by the Company, by mortgage or charge of all or any of the property of the Company or in such other manner as they may think fit.
- (g) To institute, conduct, defend, compound or abandon any actions, suits and legal proceedings by or against the Company or its Officers or otherwise concerning the affairs of the Company and also to compound or compromise or submit to arbitration the said actions, suits and legal proceedings.
- (h) To plant, develop, improve, cutdown, process, sell or otherwise dispose of the products of the Company and to incur all expenses in this behalf.
- (i) To make and give receipts, releases and other discharges for money payable to the Company and for the claims and demands of the Company;
- (j) To determine who shall be entitled to sign on the Company's behalf bills of exchange, promotes dividend warrants, cheques and other negotiable instruments, receipts, acceptances, endorsements, releases, contracts, deeds, and documents. 10
- (k) From time to time to provide for the management of the affairs of the Company in any specific locality in India or abroad in such manner as they think fit and in particular to appoint any persons to be the attorneys or agents of the Company either abroad or in India with such powers including power to sub-delegate and upon such terms as may be thought fit;
- (l) To invest and deal with any of the moneys of the Company not immediately required for the purposes thereof upon such securities as they think fit;
- (m) To execute in the name and on behalf of the Company in favour of any Director or other person who may incur or be about to incur any personal liability for the benefit of the Company such counter guarantees and mortgages of the Company's property (Present and future) as they think fit and any such mortgage may contain a power of sale and such other powers, covenants and provisions as shall be agreed on; 15
- (n) To give to any person employed by the Company a commission on the profit of any particular business or transactions, or a share in the general profits of the Company and such commission, or share of profits, shall be treated as part of the working expenses of the Company;
- (o) From time to time to make, vary and repeal by-laws for the regulation of the business of the Company, its officers and servants;





- (p) To enter into all such negotiations and contracts, and rescind and vary all such contracts, and execute and do all such acts, deeds and things in the name and on behalf of the Company as they may consider expedient for or in relation to any of the matters aforesaid, or otherwise for the purpose of the Company;
- (q) To pay gratuities, bonus, rewards, presents and gifts, to employees or dependants of any deceased employees, to charitable institutions or purposes, to subscribe for provident funds, and other associations, for the benefit of the employees.
- (r) To fix the financial year of the Company.
- (s) And if so determined by the Board, the authority of any one Director shall be sufficient for the institution, conduct, defence, compromise, or abandonment of any legal proceedings of any kind by or against the Company and any one Director shall have power to execute and sign on behalf of the Company and without using the seal of the Company, retainers, warrants, power of attorney, vakafathnamas and any other form or forms of authority to solicitors, advocates, and other persons for any purpose and any one Director may attend and vote on behalf of the Company at any meetings of creditors or other meetings and also any one Director may appear or attend before any Registrar of Companies or other official and acknowledge on the Company's behalf (without any necessity of using the Company's seal) the execution of any deed or document which may be executed by the Company and require registration.

MEETINGS OF DIRECTORS

- 21 Section 288 of the Companies Act shall not apply to this Company. If a meeting of the Board could not be held for want of a quorum the business on agenda of the said meeting shall stand over for consideration at the next Board Meeting.

SEAL

- 22 The Board shall provide for the safe custody of the common seal. The seal of the Company shall not be affixed to any instrument except in the presence of at least two Directors who shall sign every instrument to which the seal of the Company is so affixed.

MANAGEMENT

- 23 Subject to the provisions of the Act and to the general supervision and control of the Board, the day to day Management of the business and affairs of the Company shall be in the hands of the Managing Director for the time being and the Managing Director shall have power to do all acts, matters and things deemed necessary, proper or expedient for carrying on the business and concerns of the company including power to appoint suspend and dismiss officers, staff and workmen of the Company, to make and sign all contracts and to draw, accept, endorse and negotiate on behalf of the Company all such bills of exchange, promissory notes or other Government papers and other instrument as shall be necessary, proper or expedient for the carrying on of the business of the Company and to operate on the bank accounts of the Company and to represent the Company in all suits and all other legal proceedings and to engage solicitors advocates and other agents and to sign the necessary papers documents and instruments of authority and generally to exercise all such powers and authorities of the Company as are not by the Companies Act for the time being in force, or by these Articles expressly directed to be exercised by the Board of Directors or by the Company in General Meeting. The Managing Director may delegate such of his powers, and subject as above the Board may delegate such of its powers from time to time as can be lawfully delegated to any other Director, officer or employee of the Company.





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SECRET

SECRECY

24. Except as allowed by the Act or any other law or these Articles no member shall be entitled to visit or inspect the Company's properties or premises without the permission of the Board of Directors or the Managing Director or to require discovery of or any information respecting any detail of the Company's trading or any matter which is or may be in the nature of a trade secret, mystery of trade or secret process which may relate to the conduct of the Company's business and which in the opinion of the Board of Directors or Managing Director it will be inexpedient in the interest of the Members of the Company to communicate to the public.

Sl. No.	Name	Address, Description and Occupation	Signature
1.	K.N. MADHUSODHAN	11/132C SREEMIKETHAN, KALANDUR, PATHANAMTHITTA DIST, 689644 BUSINESSMAN - SON OF P.K. NARAYANAPANICKER.	
2.	P.K. NARAYANA PANIKER	III-132 (V) MAYANAL KALANDUR, PATHANAMTHITTA DIST. - 689644 ENGINEER SON OF P.K. PANIKER	

Dated this the 20th day of August 1990

Witness to the above Signatures:-
K. S. Neelakanta Iyer
S/o Subramony Iyer
Chartered Accountant
XL/1168, Market Road,
Ernakulam, Co. L. - 682011





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THE COMPANIES ACT, 1956
 COMPANY LIMITED BY SHARES
MEMORANDUM OF ASSOCIATION
 of
MAVANAL GRANITES PRIVATE LIMITED

- I. The name of the company is MAVANAL GRANITES PRIVATE LIMITED
- II. The Registered Office of the Company will be situated in the State of Kerala.
- III A. MAIN OBJECTS ~~OF THE COMPANY~~ TO BE PURSUED BY THE COMPANY ON ITS INCORPORATION ARE:- 1ca
 - 1. To manufacture, produce, refine, process, formulate, invest in, own, hold, use, lease, mortgage, pledge, buy, sell, exchange, distribute, assign, transfer or otherwise dispose off, trade, deal in and deal with, import and export any and all granites, polished granite, granite aggregates, metal and granite powder.

Ameseri
Mithal S.M.




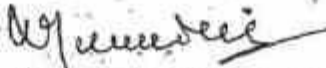
No. 10803
20-7-1990

② Re. 500/-
K.N. Madusoodam.
Sreemithran
Kalamoor P.O.
Pattanamthitta.

Receipt No.	36939
Date	5/9/90
Amount Rs.	5-85-0/2 (6050)
Cashier	
Subscribed	5/9/90
Document	
Registered	
Document	


K. K. CHACKO
LICENCED STAMP VENDOR
MARKET JUNCTION
R. K. ROAD, KOTTAYAM-I.

Company No.	09-05805	Document No.	1
Registered/Recorded/Filed on.	17/9/1990		
Date of Destruction	Permanant		



Registrar of Companies
Kerala



B. THE OBJECTS INCIDENTAL OR ANCILLARY TO THE ATTAINMENT OF THE ABOVE MAIN OBJECTS ARE:

- 1 To enter into agreements and contracts with Indian or foreign individuals, companies or other organisations for technical financial or any other assistance for carrying out all or any of the objects of the company.
- 2 To establish and maintain any agencies in India or any part of the world for the conduct of the business of the company or for the sale of any materials for the time being at the disposal of the company for sale.
- 3 To advertise and adopt means of making known the business activities of the company or any articles or goods traded or dealt in by the company in any way as may be expedient.
- 4 To apply for, purchase or otherwise acquire and protect, prolong and renew whether in India or elsewhere, trademarks, tradenames, designs, secret process, patent rights, "Brevete D'", "Invention", licences, protections and concessions which may appear likely to be advantageous or useful to the company and to spend money in research and in experimenting and testing and improving or seeking to improve any patents, inventions, products or rights, which the company may acquire or propose to acquire or develop.
- 5 To work, develop, licence, sell or otherwise deal with any inventions in which the company is interested whether as owner, licensee or otherwise, and to make, or hire any equipment or machinery required for such inventions.
- 6 To enter into partnership or into any agreement for sharing of profits, union of interests, co-operation, joint venture, reciprocal concession, licence or otherwise with any person, firm, association society company or corporation carrying on or engaged in or about to carry on or engage in, any transaction capable of being conducted so as directly or indirectly to benefit the company, and to give to any person, firms or company, special rights, licences and privileges in connection with the above.



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- 7 To enter into any arrangement with any Government or Authority, Municipal, local or otherwise that may seem conducive to the company's objects or any of them and to obtain from any such Government or Authority, any rights, privileges and concessions which may seem conducive to the company's objects or any of them.
- 8 To purchase or otherwise acquire and undertake the whole or any part of the goodwill, business, undertaking, property, rights and liabilities of any person, firm or company carrying on any business, which this company is authorised to carry on and to purchase, acquire, apply for, hold, sell and deal in shares, stock debentures or debenture stock of any such person, firm or company and to conduct make or carry into effect any arrangement in regard to the winding up of the business of any such person, firm or company.
- 9 To construct, acquire, establish, provide, maintain and administer factories, estates, railways, buildings, water reservoirs, sheds, channels, pumping installations, generating installations, pipelines, garages storages and accommodation of all descriptions in connection with the business of the Company. RA
- 10 To acquire by lease, purchase, hire-purchase, exchange or otherwise land, buildings, machinery, equipment and such other requirements, and amenities as may be required in connection with the objects of the Company.
- 11 To amalgamate with any company or companies having objects altogether or in part similar to those of this Company or otherwise.
- 12 To pay all costs, charges and expenses of and incidental to the formation, promotion, registration, and establishment of the Company, including costs, charges of negotiations and contracts and arrangements made prior to and in anticipation of the formation and incorporation of the Company.
- 13 To pay for any rights or property acquired by the Company and to remunerate any person or company whether by cash payment or by allotment of shares, debentures or other securities of the Company agreed as paid up in full or in part or otherwise.
- 14 To insure against losses, damages, risk and liabilities of any kind which may affect the company either wholly or partially.
- 15 To draw, make, issue, accept and to endorse, and negotiate promissory notes, hundies, bills of exchange, bills of lading, delivery order, warrants, warehouse-keeper's certificates and other negotiable or commercial or mercantile instruments connected with the business of the company. w
- 16 To open accounts with any individual, firm or company or with any bank, banks or bankers and to pay into and to withdraw moneys from such account or accounts. w
the business of Banking within the provisions of the Banking Regulation Act 1949
- 17 To invest and deal with moneys of the Company not immediately required in such manner and upon such investment as the Company may from time to time think fit.
- 18 To receive money on deposits or loan and borrow or raise money in such manner as the Company shall think fit, and in particular by the issue of debentures or debenture stock (perpetual or otherwise) and to secure the repayment of any money borrowed, raised or owing by mortgage, charge or lien upon all or any property or assets of the Company (both present and future) including the uncalled capital, and also by a similar mortgage, charge or lien to secure and guarantee the performance by the Company or any other company or other person of any obligation undertaken by the Company or any other company or other person as the case may be provided that the Company shall not carry on the business of banking within the meaning of the Banking Regulation Act, 1949.





- 19 To sell, mortgage, assign or lease and in any other manner deal with or dispose of the undertakings or properties of the Company or any part thereof, whether movable or immovable for such consideration as the Company may think fit and in particular for shares, debentures or other securities of any other company.
- 20 To improve, manage, work, develop, alter, exchange, lease, mortgage, turn to account, abandon or otherwise deal with all or any part of the properties, rights and concessions of the Company.
- 21 To distribute as dividend, bonus or otherwise among members in kind, any property or assets of the Company and any shares, debentures or securities of this Company or of other companies, belonging to this Company, which this Company may be competent to distribute including capital profits.
- 22 To make advances upon or for the purchase of materials, goods, machinery stores and other articles required for the purpose of the Company.
- 23 To guarantee the payment or repayment of any moneys or performances of any contracts or obligations by any person, firm or company, including such companies which are or may come under the management or control of the Company and also to give guarantee in respect of any financial arrangement that may be made by or on behalf of such company and if thought fit to secure or support such guarantee by mortgage, pledge, or hypothecation of any properties of the Company or to mortgage, pledge, or hypothecate any properties of the Company as security for any advances to be made to or any debts or obligations of any person, firm or Company.
- 24 To provide for the welfare of the employees or ex-employees of the Company and the wives, widows, families, or dependants or connections of such persons by building or contributing to the building of houses, dwellings or by grant of money, pensions, gratuity, bonus, payment towards insurance or other payment or by creating from time to time, subscribing or contributing to, adding or supporting provident funds or trust or conveniences and by providing or subscribing or contributing towards places of instruction or recreation, hospitals and dispensaries, medical and other assistance as the Company shall think fit.
- 25 To remunerate the servants of the Company and others out of and in proportion to the profits of the Company or otherwise as the Company may think fit.
- 26 To establish, maintain, and operate training institutions for the Company's staff of all categories and to send abroad or make such other arrangements that may be expedient for the training of all categories of Officers, Workers, Clerks, Technical and other personnel likely to be useful or of assistance in any business which the Company is authorised to carry on.
- 27 To allot shares in this Company to be considered as fully or partially paid up in payment for any property of whatever description which the Company may acquire or in exchange of services rendered or technical know how or goodwill.
- 28 To subscribe or contribute or otherwise to assist or to guarantee money to charitable, benevolent, religious, scientific, national or other institutions or bodies having any public, general or useful objects. The company shall not however contribute to any political party or for political purpose.
- 29 To distribute any of the properties of the Company amongst the members in specie or kind upon the winding up of the Company.
- 30 To create any depreciation fund, reserve fund, sinking fund, insurance fund or any other special fund whether for depreciation or for repairing, improving, extending or maintaining any of the property of the Company or for amortisation of capital or for any other purpose conducive to the interests of the Company.



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- 31 To employ or pay experts, foreign consultants and management consultants, in connection with the prospecting, planning, execution and development of all or any of the business which the Company is entitled to carry on.
- 32 To provide public or private amusements and entertainments upon any property of the Company for the furtherance of the main business of the Company.
- 33 To establish offices, agencies or branches for carrying on any of the aforesaid objects in India or elsewhere in the world and to undertake the management of other company or companies having objects altogether or in part similar to those of the company.
- 34 To depute any person abroad or in this country, or to call for any other person either from abroad or from this country for the business of the company and pay for all such expenses.
- 35 To buy, own, take on lease or rent, mines and quarries and to pay lease rentals and royalty for the attainment of the main objects of the company.

C. THE OTHER OBJECTS FOR WHICH THE COMPANY IS ESTABLISHED ARE:-

- 1 To carry on in India or elsewhere, the business of engineers, iron, steel and metal foundries, manufacturers, processors, drawers, rollers and re-rollers of steel shaftings, bars, rods, flats, squares from scraps, billets ingots including wires, nails, screws, bolts, nuts, rivets, expanded metal, hinges, plates, sheets, utensils, strips, hoops, rounds, circles, angles, tools, implements, and to buy sell or otherwise deal in any other products of iron, steel, brass, copper, lead and any other ferrous and non-ferrous metals of all sizes, specifications and descriptions. *162*
- 2 To purchase, take on lease or otherwise acquire, hold work and maintain forests timber plantations, lands suitable for planting, cultivation and growth of timber, wood and bamboo and to acquire any such concessions rights, powers, and privileges over any such forests, plantations and lands and to produce manufacture sell, deal in or turn to account or otherwise dispose of timber and forest produce.
- 3 To plant, grow, produce, cultivate, sell and deal in tea, coffee, cinchona, rubber, cardamom, coconuts, pepper, arecanut, cashewnut, ginger, cocoa, cloves nutmegs, fruit trees and other produce and to carry on the business of planters in all its branches. *163*
- 4 To manufacture sell and deal in curry powder, instant foods, also resins and spices and their extracts and made up powders of spices and condiments.
- 5 To carry on the business of manufacturers, exporters, importers, sellers, buyers of and dealers in furniture, agricultural implements of all kinds, rubber, synthetic rubber, vulcanising materials, rubber tubes, tyres, films, moulded goods, foam rubber, hygienic goods made of rubber and latex, rubber products, transmission belts and conveyers, rubber containers bottles and closures and rubber lined vessels, toys and other allied goods, leather, imitation leather, leather cloth, linoleum, tarpaulins, oil cloth, floor cloth, dress preservers, dress linings, umbrellas, water proof goods and all kinds of articles made therefrom.
- 6 To carry on business of investing and dealing in shares, stocks, debentures, debenture stocks, bonds, mortgages, obligations and securities of any kind of any company, corporation or undertaking of whatever nature and other securities issued or guaranteed by any Government, Central or State or by any Municipal or Local Body or Authority or Body or Authority of whatever nature.
- 7 To carry on the business of buying or otherwise acquiring and selling and dealing in all consumer goods. *164*





- 7 To carry on all or any of the business of agriculturists, farmers, dairymen, dairy farmers, salesmen, and nursery-men, butchers, millers, dealers in animal of every kind, poultry, grocers, and dealers in vegetables, fruits and food products.
- 8 To act as agents and brokers for buyers, exporters, importers, manufacturers, merchants, tradesmen and others and generally to undertake and carry on agency work of any kind whatever.
- 9 To conduct all or any of the several operations connected with the purchase, sale, packing, warehousing and transhipment of merchandise and goods.
- 10 To carry on the business of Financiers, Guarantee Brokers, and Concessionaries. But the Company shall not carry on the business of banking within the meaning of the banking Regulation Act, 1949.

V. The liability of the members is limited

V1 The Authorized share capital of the company is Rs. 18,00,000 (Rupees eighteen lakhs) divided into 1,80,000 (One lakh eighty thousand) Equity shares of Rs. 10/- (Rupees ten only) each with power to increase or reduce the capital and the shares forming the capital for the time being may be subdivided, converted, cancelled or consolidated or divided into such classes and be held upon such terms as may be prescribed by the Articles of Association and Regulations of the Company for the time being or otherwise, subject to the provisions of the Companies Act, 1956.

2 We the several persons whose names and addresses are subscribed are desirous of being formed into a Company in pursuance of this Memorandum of Association and we respectively agree to take the number of shares in the capital of the Company set opposite our respective names.

Sl. No.	Name	Address, Description and Occupation	No. of shares taken	Signature
✓ 1	K.N. MADHUSOODANAN	TIL/132 (C) SREENIKETHAN, KALANJUR, MITHANANTHITA DIST. BUSINESS MAN	500 FIVE HUNDRED	<i>[Signature]</i>
✓ 2	P.K. NARAYANA PANIKER	11-132 (C) MAYANAL, KALANJUR, PATHANAMTHITA DIST. ENGINEER SON OF P.K. PANIKER	200 TWO HUNDRED	<i>[Signature]</i>
TOTAL			700 SEVEN HUNDRED	

Dated the 20th day of August, 1990

Witness to the above Signatures:

[Signature]
 K.S. Neelakanta Iyer
 s/o. Subramanyam Iyer,
 Chartered Accountant
 #L 1116, Market Road,
 Erumakulam
 S. K. N. 62001





KERALA STATE POLLUTION CONTROL BOARD

FILE NO. :PCB/PTA/ICO/QR-9/2007

Date of issue :22/05/2023

INTEGRATED CONSENT TO OPERATE - RENEWAL

Consent No : QCO/PTA/02/R6/2023

- Ref: 1.CONSENT NO:QCO/PTA/02/R3/2016, DATE OF ISSUE:23/05/2016,VALID UP TO:30/06/2019.
2.CONSENT NO: QCO/PTA/02/R3/EXP/17, DATE OF ISSUE:15/11/2017,VALID UP TO:31/10/2020.
3.Consent No : QCO/PTA/02/R4/2020,Date of issue :24/10/2020,Valid UP TO 15/08/2022.
4.Consent No : QCO/PTA/02/R5/2022,Date of issue :06/05/2022, Valid UP TO 15/08/2023.
5.Online Application No: 18639606, Submitted on 06/04/2023.

The 'Integrated Consent to Operate' issued as per reference above to M/s QUARRY OF MAVANAL GRANITES Pvt Ltd, NIRATHUPARAP.O., KOODAL, KONNI, PATHANAMTHITTA. is hereby renewed up to 15/08/2027 and issued to M/s QUARRY OF MAVANAL GRANITES Pvt Ltd, NIRATHUPARAP.O., KOODAL, KONNI, PATHANAMTHITTA. The consent(s)/ variation order(s) cited under reference are integral part of this renewal order and this order is subject to the conditions stipulated therein and the following modifications/ additions.

I. GENERAL

S.No.	Items	Description
1	1. VALIDITY	15/08/2027
2	2. Survey Number	288/1 , BL.32 (Extent of quarrying 5.2377 Hectares)
3	3. Annual Fee/ Fee Remitted	Rs.30,000/- Rs.1,20,000/- (Rs.64,066/- + Excess Fees Rs.55,934/-)
4	4. Machinery Details	(1). HITACHI ZAXIS 210 - 2 NOS- 150 HP EACH, (2) COMPRESSOR - 1 NO- 103 HP, (3) JACK HAMMER - 4 NOS. (4) TIPPER 1613 - 3 NOS (5) ROCK BRAEKER - 1 NO

II. Stack Details

Stack No.	Source of Emission	Emission Rate(Nm3/Hr)	Stack Height above		Control Equipment
			Ground Level(In Meters)	Roof Level(In Meters)	



III. CONDITIONS

- 3.1. This consent is granted based on the application, affidavit, particulars submitted by the applicant, and Board's circular No. PCB/HO/CIRCULAR/51/2019 dated 04.05.2022 , and subject to the power of the Board to review and make variation in or revoke the conditions as the Board deems fit.
- 3.2. The Validity of this consent is subject to subsequent Government Order & direction / judgement of Honourable Supreme Court of India, High Court, and National Green Tribunal.
- 3.3. The consent unless withdrawn earlier and subject to condition no. 3.1 and 3.2 shall be valid up to 15.08.2027. For renewal of consent, application may be submitted online two months in advance of expiry of validity date, along with the re validated Environmental Clearance Certificate.
- 3.4. The concentration of suspended particulate matter at the boundary of the premises shall not exceed the National Ambient Air Quality Standards for the adjoining area.
- 3.5. The sound level (Leq) at 1 m outside the boundary of the site should not exceed 55dB(A) or the ambient noise standard applicable to the adjoining areas.
- 3.6. Sufficient number of water sprinkler shall be provided to prevent dust emission.
- 3.7. Facility for regular cleaning and wetting of the road within the quarry premises shall be provided.
- 3.8. The products shall be transported with proper cover or with adequate measures to prevent spreading of dust during transportation.
- 3.9. The applicant shall comply with the instructions that the Board may issue from time to time regarding prevention and control of air, water and land pollution.

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

DATE :22/05/2023

Pravithamol T N Digitally signed by Pravithamol T N
Date: 2023.05.22 17:19:45 +05'30'

SIGNATURE & SEAL OF ISSUING AUTHORITY
ENVIRONMENTAL ENGINEER (I/C)



To

Sri.K.N.MADHUSOODANAN,
SREENIKETHAN,
KALANJOOR P.O,
KONNI,
PATHANAMTHITTA,
KERALA,
PIN- 689694.

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.





KERALA STATE POLLUTION CONTROL BOARD

FILE NO. : PCB/PTA/ICO/CR/62/2013

Date of issue : 30/10/2020

INTEGRATED CONSENT TO OPERATE - RENEWAL



Consent No : ICO/PTA/CR/52/R1/2020

Ref : 1. CONSENT NO: ICO/PTA/CR/52/2017, DATE OF ISSUE: 19/12/2017, VALID UP TO: 31/12/2020
2. ONLINE APPLICATION NO: 13947508

The Integrated Consent to Operate issued as per reference above to M/s MAVANAL GRANITES Pvt Ltd., KALLIPPARA, NIRATHUPARA P.O, KOODAL, PATHANAMTHITTA is hereby renewed up to 31/12/2025 and issued to M/s MAVANAL GRANITES Pvt Ltd., KALLIPPARA, NIRATHUPARA P.O, KOODAL, PATHANAMTHITTA. The consent(s)/ variation order(s) cited under reference are integral part of this renewal order and this order is subject to the conditions stipulated therein and the following modifications/ additions:

I. GENERAL

S.No.	Items	Description
1	1.12. Annual Fee/Fee remitted	Rs.50,320, Rs.3,00,114/-
2	1.13. Capital Investment (Rs.in lakhs)	883
3	1.16. Total Power required(HP)	1000 (Primary Crusher - 250 HP, Cone Crusher- 200 HP, VSI- 300 HP, Conveyors-100 HP, Auxilliaris- 150 HP) DG sets- 725 kVA, 600 kVA

II. Stack Details

Stack No.	Source of Emission	Emission Rate(Nm ³ /Hr)	Stack Height above		Control Equipment
			Ground Level(In Meters)	Roof Level(In Meters)	

III. CONDITIONS

1. This integrated Consent (renewal) is granted subject to the power of the Board to review and make variation in the conditions or revoke the consent as the Board deems fit.

2 The consent unless withdrawn earlier and subject to condition no. 1 & 2 shall be valid up to 31.12.2025. For renewal of the consent, application in the prescribed form shall be submitted to the Board online on or before 31.10.2025 along with a copy of this consent order. Late fee as per norms will be charged for application submitted thereafter.

3.3 The applicant shall comply with the instructions that the Board may issue from time to time regarding prevention and control of air, water and land pollution.

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

SUCHITRA V

Digitally signed by SUCHITRA V
Date: 2020.10.30 20:09:11 +05'30'

DATE : 30/10/2020

SIGNATURE & SEAL OF ISSUING AUTHORITY
ENVIRONMENTAL ENGINEER



To

Sri. K.N. Madhusudhanan
Sreenikethan,
Kalanjoor P.O., Konni,
Methanambhitta- 689694.

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.



स्थायी लेखा संख्या /PERMANENT ACCOUNT NUMBER
AACCM7643L



नाम /NAME

MAVANAL GRANITES PRIVATE LIMITED

विशेषण/खतबे की तिथि /DATE OF INCORPORATION/FORMATION

17-09-1990

आयकर आयुक्त, त्रिचयनंतपुरम

COMMISSIONER OF INCOME-TAX, TRIVANDRUM

इस कार्ड के खो / गिरा जाने पर कृपया जारी करने
वाले अधिकारी को सूचित / वापस कर दें
आयकर आयुक्त,
त्रिचयनंतपुरम इन्भार,
आयकर भवन, कवडियार पी.ओ.,
त्रिचयनंतपुरम - 695 003.

In case this card is lost/found, kindly inform/return to
the issuing authority :
Commissioner of Income-tax,
Trivandrum Charge,
Aayakar Bhavan, Kawadilar P.O.
Trivandrum - 695 003.





GOVERNMENT OF KERALA

DEPARTMENT OF MINING AND GEOLOGY

Directorate of Mining and Geology, Pattom Palace PO,
Kesavadasapuram, Thiruvananthapuram-695004, Kerala
www.dmg.kerala.gov.in

FORM Q

**CERTIFICATE OF RECOGNITION AS QUALIFIED PERSON TO PREPARE
MINING PLANS FOR QUARRYING MINOR MINERALS IN KERALA**

(Issued under Rule 54 of the Kerala Minor Mineral Concession Rules, 2015)

**Shri. Jayachandra Panicker. P. S, S/o Sukumara Panicker. K. P,
Souparnika, Navajyothi Nagar 39A, Kadappakada. P. O, Kollam
District - 691 008, Kerala,** having given satisfactory evidence of his
qualification and experience is hereby granted **RECOGNITION** under Rule 54
of the Kerala Minor Mineral Concession Rules, 2015 as qualified person to
prepare Mining Plans for quarrying minor minerals in Kerala.

The registration number is DMG/KERALA/RQP/12/2017

This recognition is valid for a period of 10 years ending 01/12/2027



Photograph of RQP

Signature of RQP



C. K. BAIJU
DIRECTOR OF MINING AND GEOLOGY [I/C]

C.K. BAIJU
M.Sc, MPhil, Dip.Cri, MMGI
Director of Mining & Geology (I/c)
Kesavadasapuram, Pattom Palace RO
Thiruvananthapuram-695 004

Place: Thiruvananthapuram
Date: 20-12-2017



Plate No : 1

The Location map showing location of the lease area is given below:-

LOCATION MAP

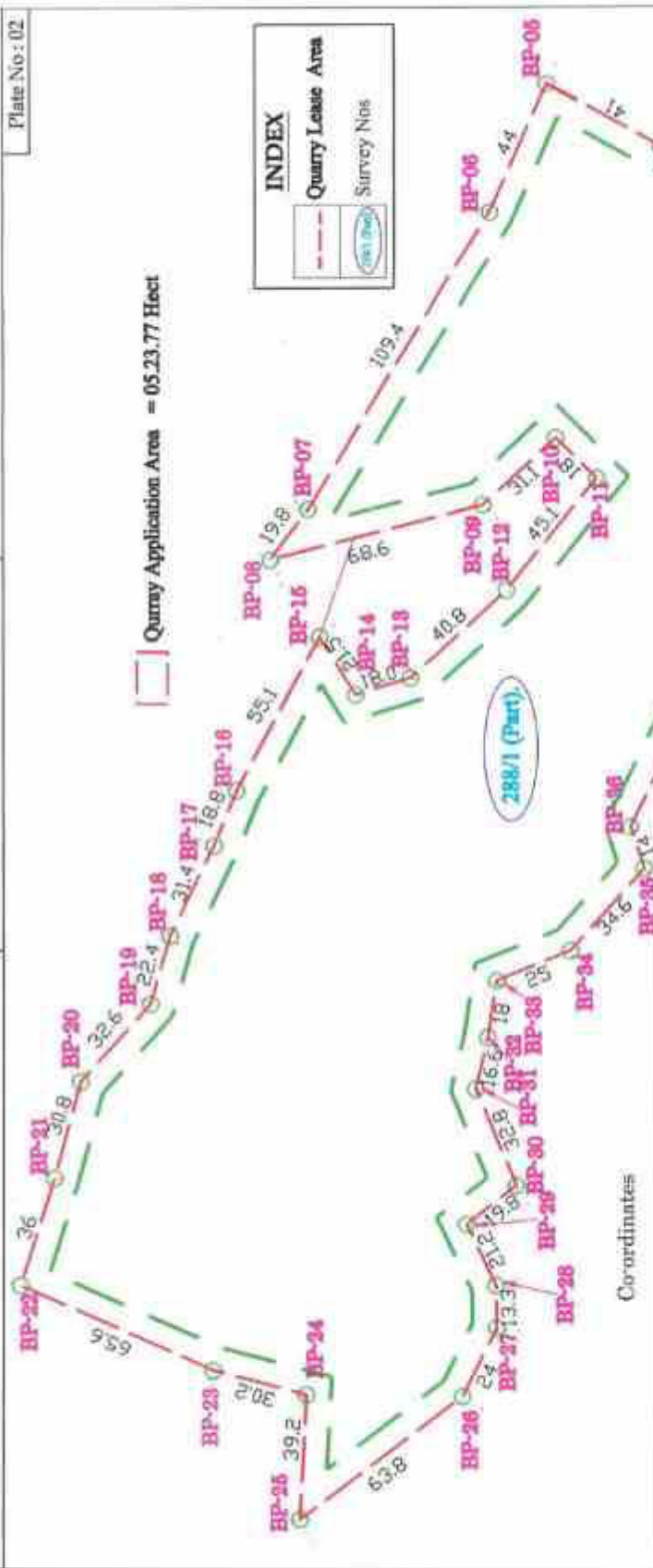


From Konni To Quarry Site Road Distance -12.7 Km





District : Pathanamthitta
 Taluk : Kottai
 M/s. Mavanal Granites (P) Ltd
 Lease Plan
 Sf. No : 288/1 (Part)
 Village : Koodal
 Plate No : 02



Boundary Pillar No	Latitude	Longitude	Boundary Pillar No	Latitude	Longitude
BP-1	N09° 08' 36.0"	E76° 53' 59.8"	BP-22	N09° 08' 46.0"	E76° 53' 51.0"
BP-2	N09° 08' 35.9"	E76° 54' 00.6"	BP-23	N09° 08' 44.1"	E76° 53' 50.2"
BP-3	N09° 08' 36.1"	E76° 54' 02.6"	BP-24	N09° 08' 43.1"	E76° 53' 49.9"
BP-4	N09° 08' 39.4"	E76° 54' 02.7"	BP-25	N09° 08' 43.2"	E76° 53' 48.6"
BP-5	N09° 08' 40.6"	E76° 54' 03.4"	BP-26	N09° 08' 41.5"	E76° 53' 49.9"
BP-6	N09° 08' 41.2"	E76° 54' 02.1"	BP-27	N09° 08' 41.2"	E76° 53' 50.6"
BP-7	N09° 08' 43.1"	E76° 53' 59.0"	BP-28	N09° 08' 42.5"	E76° 53' 51.0"
BP-8	N09° 08' 43.4"	E76° 53' 58.5"	BP-29	N09° 08' 42.5"	E76° 53' 51.6"
BP-9	N09° 08' 41.3"	E76° 53' 59.0"	BP-30	N09° 08' 41.0"	E76° 53' 52.0"
BP-10	N09° 08' 40.5"	E76° 53' 59.7"	BP-31	N09° 08' 41.4"	E76° 53' 53.0"
BP-11	N09° 08' 40.1"	E76° 53' 59.3"	BP-32	N09° 08' 41.3"	E76° 53' 53.6"
BP-12	N09° 08' 41.0"	E76° 53' 58.2"	BP-33	N09° 08' 41.2"	E76° 53' 54.2"
BP-13	N09° 08' 42.0"	E76° 53' 57.3"	BP-34	N09° 08' 40.4"	E76° 53' 54.5"
BP-14	N09° 08' 42.6"	E76° 53' 57.1"	BP-35	N09° 08' 39.7"	E76° 53' 55.3"
BP-15	N09° 08' 42.9"	E76° 53' 57.7"	BP-36	N09° 08' 39.8"	E76° 53' 55.7"
BP-16	N09° 08' 43.8"	E76° 53' 56.1"	BP-37	N09° 08' 38.6"	E76° 53' 56.1"
BP-17	N09° 08' 44.0"	E76° 53' 55.6"	BP-38	N09° 08' 37.8"	E76° 53' 59.3"
BP-18	N09° 08' 44.3"	E76° 53' 54.6"	BP-39	N09° 08' 37.5"	E76° 53' 58.9"
BP-19	N09° 08' 44.7"	E76° 53' 53.9"	BP-40	N09° 08' 37.3"	E76° 53' 59.4"
BP-20	N09° 08' 45.4"	E76° 53' 53.1"	BP-41	N09° 08' 36.7"	E76° 54' 00.2"
BP-21	N09° 08' 45.7"	E76° 53' 52.2"			

The Plan is prepared based on the FMS approved by the Govt. Village Officer
 Jayachandra Panicker, P.S
 DMG/KERALA/ROP/12/2017
 Validity: 01.12.2027

Prepared by: JAYACHANDRA PANICKER, P.S
 Approved by: DMG/KERALA/ROP/12/2017
 Validity: 01.12.2027

All Dimension in Mtr
 Scale : 1:1500

Date Of Survey : 02.02.2024
Scale : 1:2000








Applicant's Address :

Shri.K.N.Madhusoodanan (Managing Partner),
M/s. Mavanal Granites (P) Ltd.,
Sreenikethan, Kalarjoor (P.O),
Pathanamthitta (D),
Kerala State.

Location Of Quarry :

Sy.No : 288/1 (Part)
Extent : 05.23.77 Hect
Village : Koodal,
Taluk : Konni
District : Pathanamthitta
State : Kerala

Index

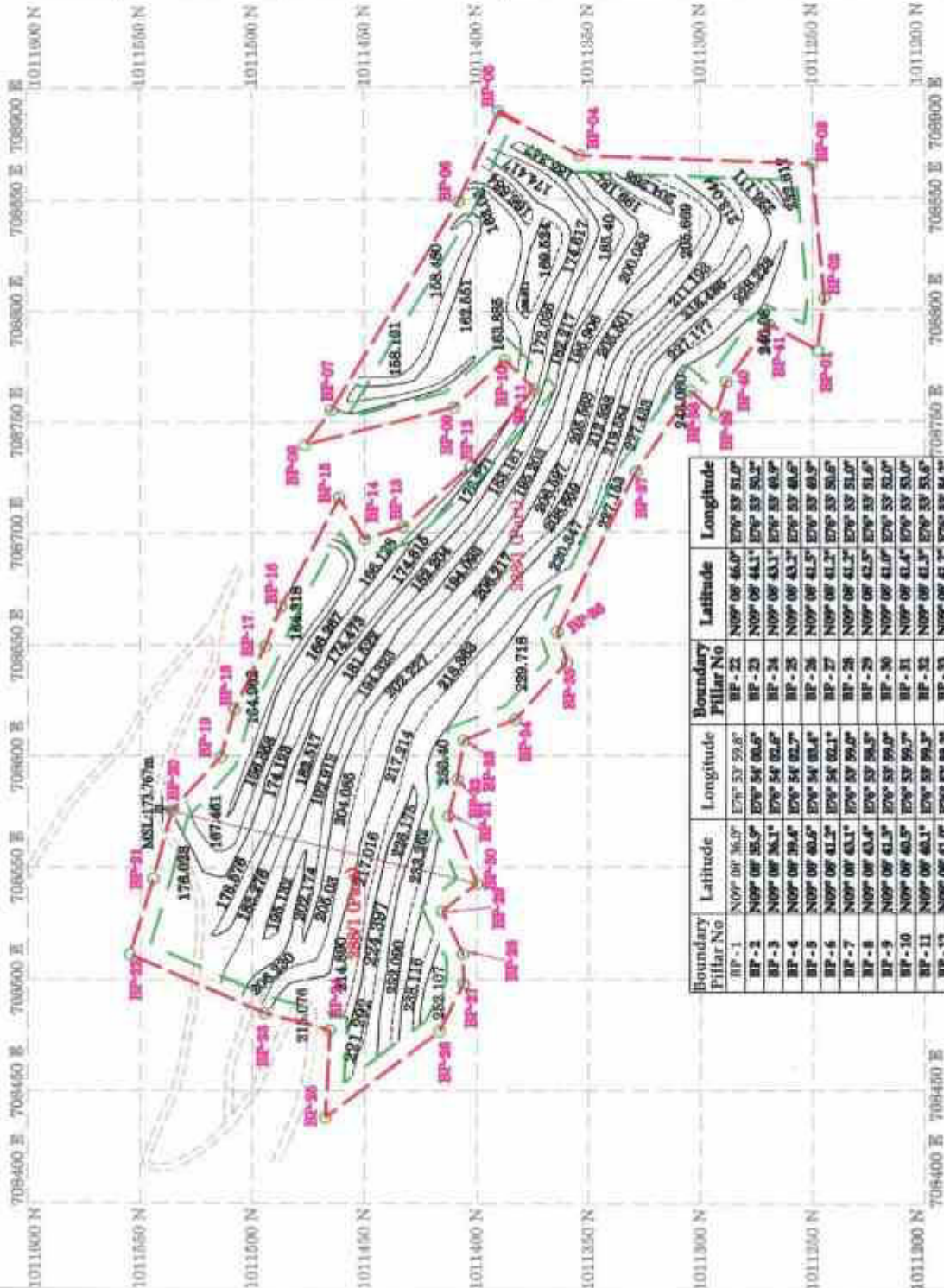
-  Quarry Lease Applied Area
-  7.5 mtr Safety Zone
-  Mine Working
-  Road
-  Bench Mark
-  Grid Line (50m X 50m)
-  Boundary Pillar

MSL:173.767m



M/s. Mavanal Granites
(P) Ltd

**Surface Cum
Contour Plan**



Boundary Pillar No	Latitude	Longitude	Boundary Pillar No	Latitude	Longitude
BP-1	N09° 08' 36.0"	E76° 53' 59.8"	BP-22	N09° 08' 46.0"	E76° 53' 51.0"
BP-2	N09° 08' 35.9"	E76° 54' 06.8"	BP-23	N09° 08' 44.1"	E76° 53' 56.2"
BP-3	N09° 08' 36.1"	E76° 54' 02.8"	BP-24	N09° 08' 43.1"	E76° 53' 49.8"
BP-4	N09° 08' 39.4"	E76° 54' 02.7"	BP-25	N09° 08' 43.1"	E76° 53' 48.8"
BP-5	N09° 08' 40.5"	E76° 54' 03.4"	BP-26	N09° 08' 41.5"	E76° 53' 49.8"
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BP-12	N09° 08' 41.0"	E76° 53' 58.2"	BP-33	N09° 08' 41.3"	E76° 53' 54.2"
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BP-19	N09° 08' 44.7"	E76° 53' 53.9"	BP-40	N09° 08' 37.3"	E76° 53' 59.4"
BP-20	N09° 08' 45.4"	E76° 53' 53.1"	BP-41	N09° 08' 36.7"	E76° 54' 00.2"
BP-21	N09° 08' 45.7"	E76° 53' 52.2"			

The Plan is prepared based on the
FMB approved by
the Govt. Village Officer

Jayachandra Panicker.P.S
DMG/KERALA/ROP/12/2024
Validity: 01.12.2027

JAYACHANDRA PANICKER P.S.
Registered Qualified Professional
Reg No: DMG/KERALA/ROP/12/2024

Date Of Survey : 28.11.2023
Scale : 1:1500





Applicant's Address :

Shri.K.N.Madhusodharan (Managing Partner),
M/s. Mavanal Granites (P) Ltd,
Sreenikethan, Kalanjoor (P.o),
Pathanamthitta (Dt),
Kerala State :

Location Of Quarry :

Sy.No : 288/1 (Part)
Extent : 05.23.77 Hect
Village : Koodal
Taluk : Komi
District : Pathanamthitta
State : Kerala

Index

-  Quarry Lease Applied Area
-  7.5 mtr Safety Zone
-  Existing Working Profile
-  Out Crop of Charnokite

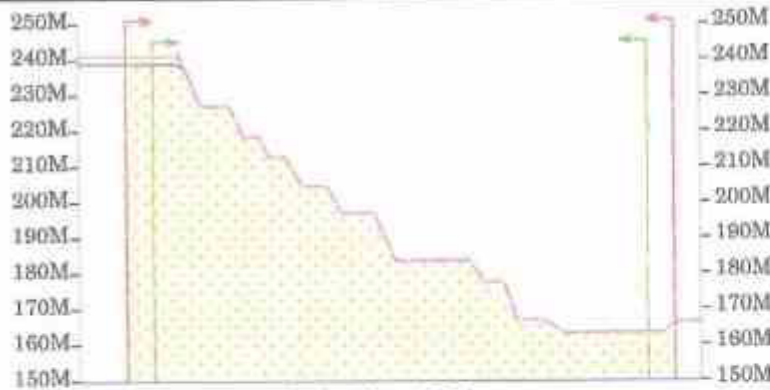
M/s. Southern Rock &
Aggregate Mining Company

Geological Section

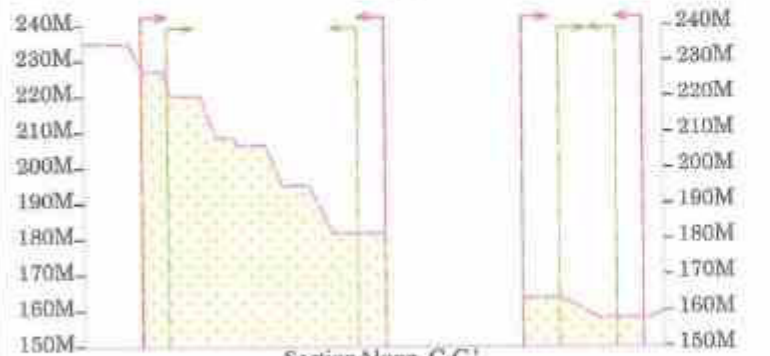
The Plan is prepared based on the
FMB approved by the Govt. Village
Officer



Jayachandra Panicker.P.S
DMG/KERALA/RQP/12/2017,
Validity: 01.12.2027



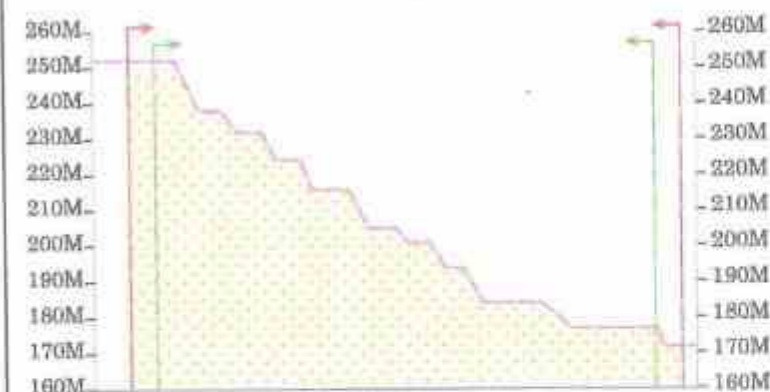
Section Along D-D'



Section Along C-C'



Section Along B-B'



Section Along A-A'

JAYACHANDRA PANICKER P.S.
Recognised Qualified Person
RQP No: DMG/KERALA/RQP/12/2017





PLATE : 06

Date Of Survey : 02.02.2024
Scale : 1:2000

Applicant's Address :

Shri.K.N.Madhhusoodaran (Managing Partner),
M/s. Mavanal Granites (P) Ltd,
Sreenikethan, Kalamppoor (P.O),
Pathanamthitta (Dt) ,
Kerala State.

Location Of Quarry :

Sy.No : 2887/1 (Part)
Extent : 05.23.77 Hect
Village : Koodal
Taluk : Kozhmi
District : Pathanamthitta
State : Kerala

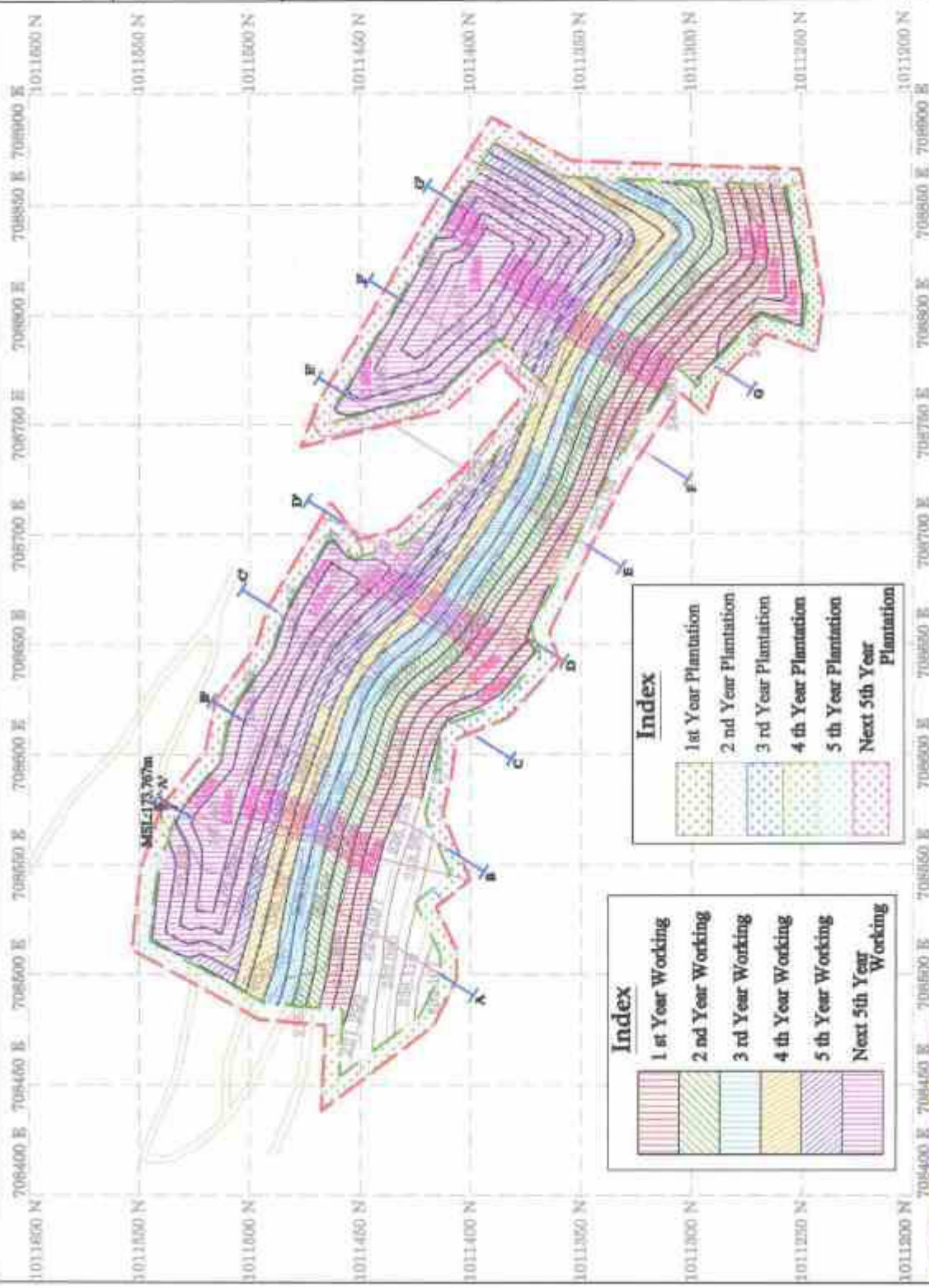
Index

	Quarry Lease Applied Area
	7.5 mtr Safety Zone
	Mine Working
	Proposed Quarry working
	Road
	Bench Mark
	Proposed Working Bench RL
	Section Line



M/s. Mavanal Granites
(P) Ltd

**Year wise
Production Plan**



Index

	1 st Year Working
	2 nd Year Working
	3 rd Year Working
	4 th Year Working
	5 th Year Working
	Next 5th Year Working

Index

	1st Year Plantation
	2 nd Year Plantation
	3 rd Year Plantation
	4 th Year Plantation
	5 th Year Plantation
	Next 5th Year Plantation

The Plan is prepared based on the
FMB approved by
the Govt. Village Officer

Jayachandra Panicker.P.S
DMG/NERALA/ROP/12/2017,
Validity: 01.12.2027

JAYACHANDRA PANICKER P.S.
Recognised Qualified Person
Reg No. DMG/NERALA/ROP/12/2017



Date Of Survey : 28.11.2023
Scale : 1:2150

Applicant's Address :

Shri.K.N.Madhusoodanan (Managing Partner),
M/s. Mavanal Granites (P) Ltd,
Sreenikethan, Kalarjoor (P.o),
Pathanamthitta (Dt),
Kerala State.

Location Of Quarry :

Sy.No : 288/1 (Part)
Extent : 05.23.77 Hect
Village : Koodal
Taluk : Konni
District : Pathanamthitta
State : Kerala

Index

	Quarry Lease Applied Area
	7.5 mtr Safety Zone
	Existing Working Profile
	Proposed Working Profile
	Charnokite
	1st Year Working
	2nd Year Working
	3rd Year Working
	4th Year Working
	5th Year Working
	Top Soil & Overburden



M/s. Mavanal Granites
(P) Ltd

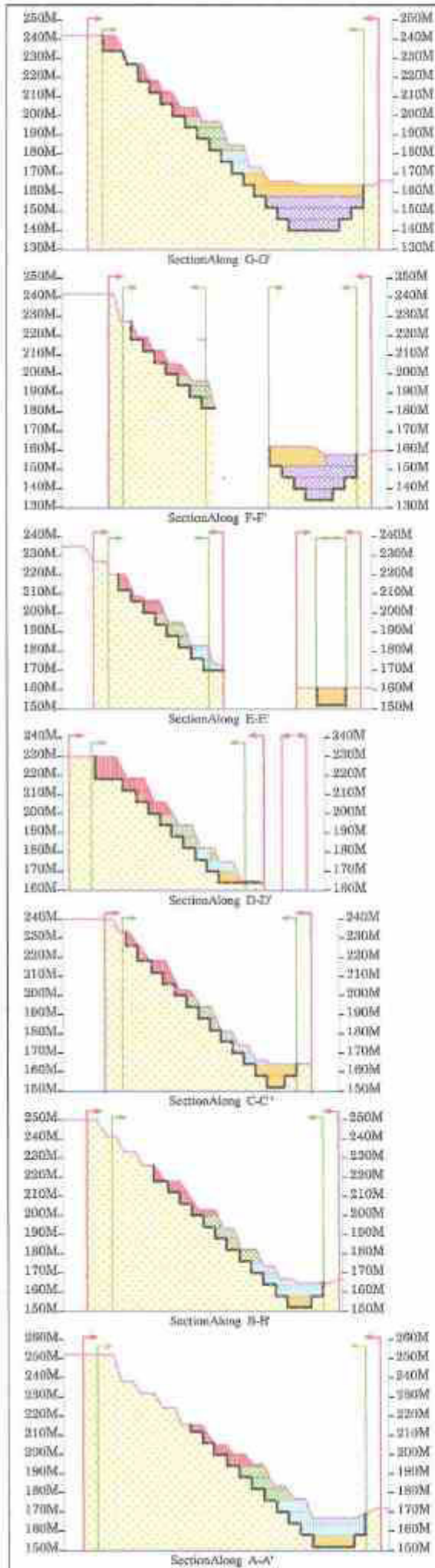
Yearwise Section

The Plan is prepared based on the
FMB approved by the Govt. Village
Officer

Jayachandra Panicker.P.S
DMG/KERALA/RQP/12/2017,
Validity: 01.12.2027

JAYACHANDRA PANICKER P.S.
Recognised Qualified Person

RQP No: DMG/KERALA/RQP/12/2017



1st Year Working (in Tonns)					105500
Section Along - A-A'					
Bench Level	Area in Sq.m	Section Infulence	Volume in Cu.m	Specific Gravity	Quantity in Tonns
212	23.9	82	1959.8	2.5	4899.5
206	2	82	164	2.5	410
200	0	82	0	2.5	0
194	0.0	82	0	2.5	0
Reserve Calculation			2123.8	Cu.m (or)	5309.5
Section Along - B-B'					
Bench Level	Area in Sq.m	Section Infulence	Volume in Cu.m	Specific Gravity	Quantity in Tonns
218	26.3	50	1315	2.5	3287.5
212	44.33	50	2216.5	2.5	5541.25
206	0	50	0	2.5	0
200	0	50	0	2.5	0
Reserve Calculation			3531.5	Cu.m (or)	8828.75
Section Along - C-C'					
Bench Level	Area in Sq.m	Section Infulence	Volume in Cu.m	Specific Gravity	Quantity in Tonns
226	29.5	50	1475	2.5	3687.5
218	32.4	50	1620	2.5	4050
212	53.4	50	2670	2.5	6675
206	0	50	0	2.5	0
200	0	50	0	2.5	0
Reserve Calculation			5765	Cu.m (or)	14412.5
Section Along - D-D'					
Bench Level	Area in Sq.m	Section Infulence	Volume in Cu.m	Specific Gravity	Quantity in Tonns
218	174.1	50	8705	2.5	21762.5
212	77.9	50	3895	2.5	9737.5
206	0	50	0	2.5	0
200	0	50	0	2.5	0
Reserve Calculation			12600	Cu.m (or)	31500
Section Along - E-E'					
Bench Level	Area in Sq.m	Section Infulence	Volume in Cu.m	Specific Gravity	Quantity in Tonns
212	45.52	50	2276	2.5	5690
206	0	50	0	2.5	0
200	0	50	0	2.5	0
Reserve Calculation			2276	Cu.m (or)	5690
Section Along F-F'					
Bench Level	Area in Sq.m	Section Infulence	Volume in Cu.m	Specific Gravity	Quantity in Tonns
218	28.8	50	1440	2.5	3600
212	25.4	50	1270	2.5	3175
206	0	50	0	2.5	0
200	0	50	0	2.5	0
Reserve Calculation			2710	Cu.m (or)	6775
Section Along G-G'					
Bench Level	Area in Sq.m	Section Infulence	Volume in Cu.m	Specific Gravity	Quantity in Tonns
234	71.56	83	5939.48	2.5	14848.7
227	5.9	83	489.7	2.5	1224.25
218	40.6	83	3369.8	2.5	8424.5
212	40.9	83	3394.7	2.5	8486.75
206	0	83	0	2.5	0
200	0	83	0	2.5	0
Reserve Calculation			13193.68	Cu.m (or)	32984.20

JAYACHANDRA PANICKER P.S.

Recognised Qualified Person

RQP No: DMG/KERALA/RQP/12/2017



2nd Year Working (in Tonns)

105500

Section Along - A-A'

Bench Level	Area in Sq.m	Section Infuence	Volume in Cu.m	Specific Gravity	Quantity in Tonns
206	20.5	82	1681	2.5	4202.5
200	42.7	82	3501.4	2.5	8753.5
194	20.3	82	1664.6	2.5	4161.5
Reserve Calculation			6847	Cu.m (or)	17117.5

Section Along - B-B'

Bench Level	Area in Sq.m	Section Infuence	Volume in Cu.m	Specific Gravity	Quantity in Tonns
206	33.8	50	1690	2.5	4225
200	46.136	50	2306.8	2.5	5767
182	0	50	0	2.5	0
Reserve Calculation			3996.8	Cu.m (or)	9992

Section Along - C-C'

Bench Level	Area in Sq.m	Section Infuence	Volume in Cu.m	Specific Gravity	Quantity in Tonns
206	34.1	50	1705	2.5	4262.5
200	31.6	50	1580	2.5	3950
194	34.2	50	1710	2.5	4275
176	0	50	0	2.5	0
Reserve Calculation			4995	Cu.m (or)	12487.5

Section Along - D-D'

Bench Level	Area in Sq.m	Section Infuence	Volume in Cu.m	Specific Gravity	Quantity in Tonns
206	49.5	50	2475	2.5	6187.5
200	64.6	50	3230	2.5	8075
194	49.1	50	2455	2.5	6137.5
176	0	50	0	2.5	0
19			8160	Cu.m (or)	20400

Section Along - E-E'

Bench Level	Area in Sq.m	Section Infuence	Volume in Cu.m	Specific Gravity	Quantity in Tonns
206	26.615	50	1330.75	2.5	3326.875
200	59.9	50	2995	2.5	7487.5
182	0	51	0	2.5	0
176	0	50	0	2.5	0
Reserve Calculation			4325.75	Cu.m (or)	10814.375

Section Along F-F'

Bench Level	Area in Sq.m	Section Infuence	Volume in Cu.m	Specific Gravity	Quantity in Tonns
206	36.6	50	1830	2.5	4575
200	52.3	50	2615	2.5	6537.5
182	0	50	0	3.5	0
0	0	50	0	2.5	0
Reserve Calculation			4445	Cu.m (or)	11112.5

Section Along G-G'

Bench Level	Area in Sq.m	Section Infuence	Volume in Cu.m	Specific Gravity	Quantity in Tonns
206	46.82	83	3886.06	2.5	9715.15
200	66.8	83	5544.4	2.5	13861
182	0	83	0	2.5	0
176	0	83	0	2.5	0
Reserve Calculation			9430.46	Cu.m (or)	23576.15



JAYACHANDRA PANICKER P.S.
Recognised Qualified Person
RQP No: DMG/KERALA/RQP/12/2017



3rd Year Working (in Tonns)

105500

Section Along - A-A'

Bench Level	Area in Sq.m	Section Infuence	Volume in Cu.m	Specific Gravity	Quantity in Tonns
194	54.341	82	4455.962	2.5	11139.905
188	85	82	6970	2.5	17425
182	0	82	0	2.5	0
Reserve Calculation			11425.962	Cu.m (or)	28564.91
139.341					

Section Along - B-B'

Bench Level	Area in Sq.m	Section Infuence	Volume in Cu.m	Specific Gravity	Quantity in Tonns
194	53.5	50	2675	2.5	6687.5
188	58.9	50	2945	2.5	7362.5
182	0	50	0	2.5	0
Reserve Calculation			5620	Cu.m (or)	14050
112.4					

Section Along - C-C'

Bench Level	Area in Sq.m	Section Infuence	Volume in Cu.m	Specific Gravity	Quantity in Tonns
194	34.2	50	1710	2.5	4275
188	47.7	50	2385	2.5	5962.5
182	0	50	0	2.5	0
Reserve Calculation			4095	Cu.m (or)	10237.5
81.9					

Section Along - D-D'

Bench Level	Area in Sq.m	Section Infuence	Volume in Cu.m	Specific Gravity	Quantity in Tonns
194	49.1	50	2455	2.5	6137.5
188	69.2	50	3460	2.5	8650
Reserve Calculation			5915	Cu.m (or)	14787.5

Section Along - E-E'

Bench Level	Area in Sq.m	Section Infuence	Volume in Cu.m	Specific Gravity	Quantity in Tonns
194	44.5	50	2225	2.5	5562.5
188	56.94	50	2847	2.5	7117.5
Reserve Calculation			5072	Cu.m (or)	12680
101.4					

Section Along F-F'

Bench Level	Area in Sq.m	Section Infuence	Volume in Cu.m	Specific Gravity	Quantity in Tonns
194	62.1	50	3105	2.5	7762.5
188	2.3	50	115	3.5	402.5
Reserve Calculation			3105	Cu.m (or)	8165
62.1					

Section Along G-G'

Bench Level	Area in Sq.m	Section Infuence	Volume in Cu.m	Specific Gravity	Quantity in Tonns
194	82	83	6806	2.5	17015
188	0	83	0	2.5	0
Reserve Calculation			6806	Cu.m (or)	17015

Jayachandra Panicker
JAYACHANDRA PANICKER P.S.
 Recognised Qualified Person
 RQP No: DMG/KERALA/RQP/12/2017



4th Year Working (in Tonns)

105500

Section Along - A-A'

Bench Level	Area in Sq.m	Section Infulence	Volume in Cu.m	Specific Gravity	Quantity in Tonns
182	75.6	82	6199.2	2.5	15498
176	87.7	82	7191.4	2.5	17978.5
Reserve Calculation			6199.2	Cu.m (or)	33476.5
75.6					

Section Along - B-B'

Bench Level	Area in Sq.m	Section Infulence	Volume in Cu.m	Specific Gravity	Quantity in Tonns
182	44.5	50	2225	2.5	5562.5
176	37.5	50	1875	2.5	4687.5
Reserve Calculation			2225	Cu.m (or)	10250
44.5					

Section Along - C-C'

Bench Level	Area in Sq.m	Section Infulence	Volume in Cu.m	Specific Gravity	Quantity in Tonns
182	26.8	50	1340	2.5	3350
176	0	50	0	2.5	0
Reserve Calculation			1340	Cu.m (or)	3350
26.8					

Section Along - D-D'

Bench Level	Area in Sq.m	Section Infulence	Volume in Cu.m	Specific Gravity	Quantity in Tonns
182	46.6	50	2330	2.5	5825
176	0	50	0	2.5	0
Reserve Calculation			2330	Cu.m (or)	5825

Section Along - E-E'

Bench Level	Area in Sq.m	Section Infulence	Volume in Cu.m	Specific Gravity	Quantity in Tonns
182	43.3	50	2165	2.5	5412.5
176	0	50	0	2.5	0
Reserve Calculation			2165	Cu.m (or)	5412.5
43.3					

Section Along F-F'

Bench Level	Area in Sq.m	Section Infulence	Volume in Cu.m	Specific Gravity	Quantity in Tonns
188	66.2	50	3310	2.5	8275
182	35.7	50	1785	2.5	4462.5
Reserve Calculation			3310	Cu.m (or)	12737.5
66.2					

Section Along G-G'

Bench Level	Area in Sq.m	Section Infulence	Volume in Cu.m	Specific Gravity	Quantity in Tonns
188	85.897	83	7129.451	2.5	17823.6275
182	80.12	83	6649.96	2.5	16624.9
152	0	83	0	2.5	0
Reserve Calculation			13779.411	Cu.m (or)	34448.53

Jayachandra Panicker
JAYACHANDRA PANICKER P.S.
 Recognised Qualified Person
 RQP No: DMG/KERALA/RQP/12/2017



5th Year Working (in Tonns)					105500
Section Along - B-B'					
Bench Level	Area in Sq.m	Section Infuence	Volume in Cu.m	Specific Gravity	Quantity in Tonns
176	76.8	50	3840	2.5	9600
170	97.8	50	4890	2.5	12225
Reserve Calculation			3840	Cu.m (or)	21825
174.6					
Section Along - C-C'					
Bench Level	Area in Sq.m	Section Infuence	Volume in Cu.m	Specific Gravity	Quantity in Tonns
176	55	50	2750	2.5	6875
170	44.5	50	2225	2.5	5562.5
Reserve Calculation			4975	Cu.m (or)	12437.5
Section Along - D-D'					
Bench Level	Area in Sq.m	Section Infuence	Volume in Cu.m	Specific Gravity	Quantity in Tonns
176	86	50	4300	2.5	10750
170	81.3	50	4065	2.5	10162.5
Reserve Calculation			4300	Cu.m (or)	20912.5
Section Along - E-E'					
Bench Level	Area in Sq.m	Section Infuence	Volume in Cu.m	Specific Gravity	Quantity in Tonns
176	78.594	50	3929.7	2.5	9824.25
170	62.39	50	3119.5	2.5	7798.75
Reserve Calculation			3929.7	Cu.m (or)	17623
Section Along G-G'					
Bench Level	Area in Sq.m	Section Infuence	Volume in Cu.m	Specific Gravity	Quantity in Tonns
176	80.2	83	6656.6	2.5	16641.5
170	77.4	83	6424.2	2.5	16060.5
Reserve Calculation			13080.8	Cu.m (or)	32702.00





JAYACHANDRA PANICKER P.S.
 Recognised Qualified Person
 RQP No: DMG/KERALA/RQP/12/20

PLATE : 09

Date Of Survey : 28.11.2023
Scale : 1:2000

Applicant's Address :

Shri.K.N.Madhusoodanan (Managing Partner),
M/s. Mavanal Granites (P) Ltd,
Sreenikethan, Kalaricoor (P.O),
Puthanamthitta (Dt),
Kerala State.

Location Of Quarry :

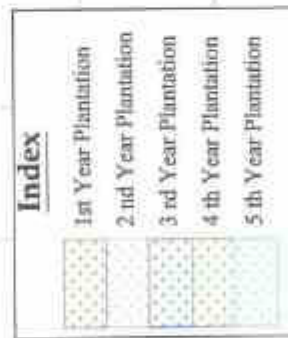
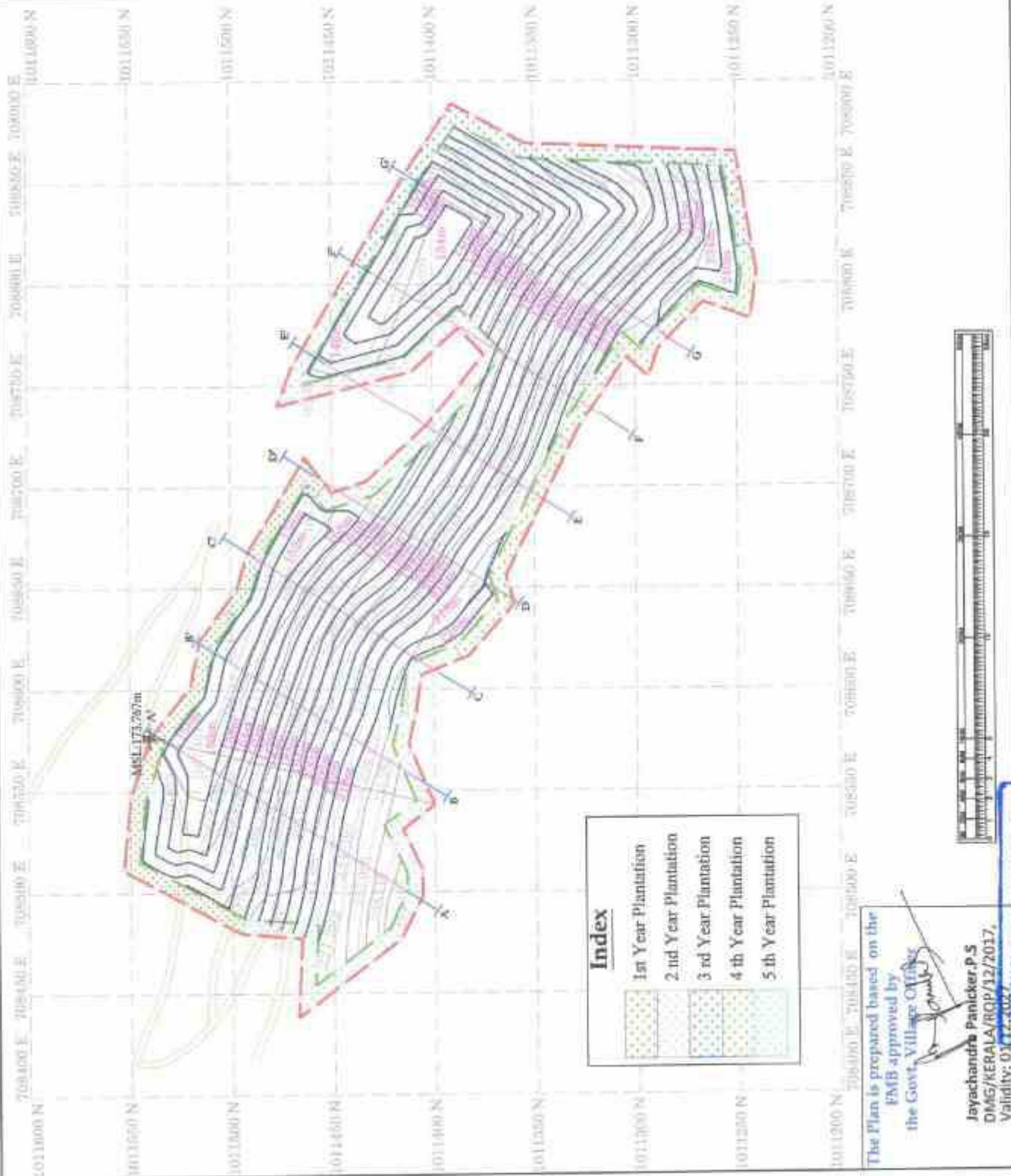
Sy.No : 288/1 (Part)
Extent : 05.21.77 Hect
Village : Koodal
Taluk : Kottai
District : Puthanamthitta
State : Kerala

Index



M/s. Mavanal Granites
(P) Ltd

**Conceptual / Mine
Closure Plan**



The Plan is prepared based on the
FMB approved by
the Govt. Village Office

(Signature)

Jayachandra Panicker, P.S
DMG/KERALA/RQP/12/2017,
Validity: 03/12/2017

JAYACHANDRA PANICKER P.S.

Recognised Qualified Person
RQP No: DMG/KERALA/RQP/12/2017

Date Of Survey : 28.11.2023
Scale : 1:2150






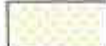

Applicant's Address :

Shri.K.N.Madhusoodanary (Managing Partner),
M/s. Mavanal Granites (P) Ltd,
Sreerikethan, Kalarjoor (P.o),
Pathanamthitta (Dt),
Kerala State.

Location Of Quarry :

Sy.No : 288/I (Part)
Extent : 05.23.77 Hect.
Village : Koodal
Taluk : Kunni
District : Pathanamthitta
State : Kerala

Index

-  Quarry Lease Applied Area
-  7.5 mtr Safety Zone
-  Existing Working Profile
-  Proposed Working Profile
-  Building Stone Mineable Qty
-  Charnokite
-  Top Soil & Over burden



M/s. Mavanal Granites
(P) Ltd

**Conceptual / Mine
Closure Section**

The Plan is prepared based on the
FMB approved by the Govt. Village
Officer

Jayachandra Panicker

Jayachandra Panicker.P.5
DMG/KERALA/RQP/12/2017,

Validity: 01.12.2027

JAYACHANDRA PANICKER P.S.

Recognised Qualified Person

RQP No: DMG/KERALA/RQP/12/2017

4-21-2023

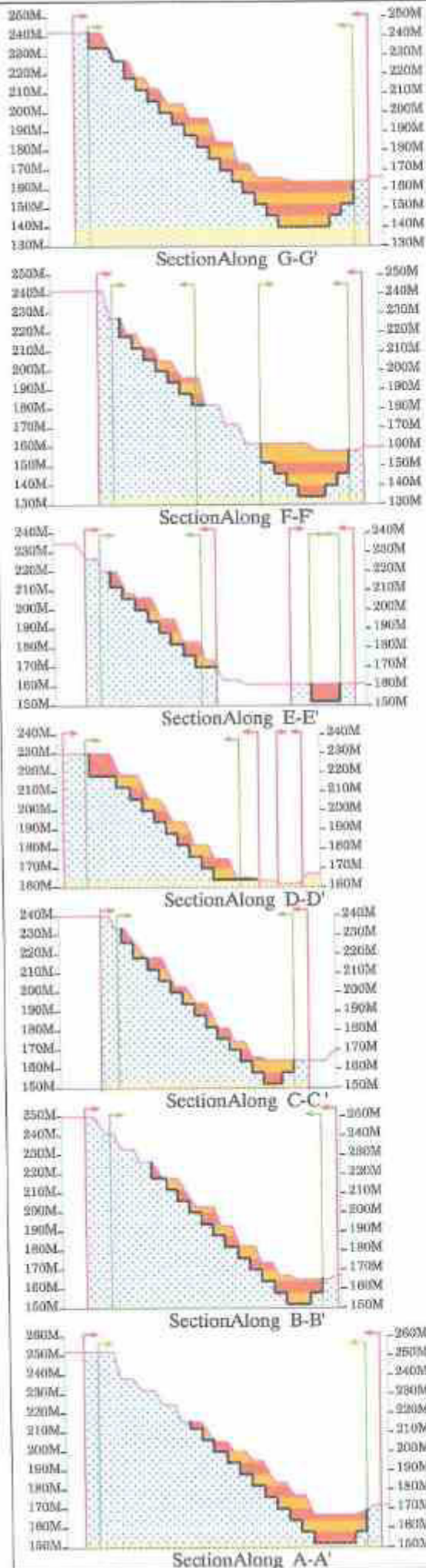


Plate No : 11

M /s. Mavalan Granites (P) Ltd - Mineable Qty Calculation

Mineable Qty

Section Along	Avg Area in Sq.m	Avg Section Infulence in mtr	Volume in Cu.m	Sp.Gravity	Qty in Tonn
A-A'	998.9	82	81909.80	2.5	204774.50
B-B'	737.4	50	36870.00	2.5	92175.00
C-C'	607.6	50	30380.00	2.5	75950.00
D-D'	754.4	50	37720.00	2.5	94300.00
E-E'	518.77	50	25938.60	2.5	64846.50
F-F'	1158	50	57900.00	2.5	144750.00
G-G'	1826.9	83	151632.70	2.5	379081.75
Total			422351.10		1055877.75

Blocked up Qty

Section Along	Avg Area in Sq.m	Avg Section Infulence mtr	Volume in Cu.m	Sp.Gravity	Qty in Tonn
A-A'	7016.8	82	575377.6	2.5	1438444.00
B-B'	5673.1	50	283655	2.5	709137.50
C-C'	4021.4	50	201070	2.5	502675.00
D-D'	3064.2	50	153210	2.5	383025.00
E-E'	3173.1	50	158655	2.5	396637.50
F-F'	5697.6	50	284880	2.5	712200.00
G-G'	6185.1	83	513363.3	2.5	1283408.25
Total			2170210.9		5425527.25



JAYACHANDRA PANICKER P.S.
Recognised Qualified Person
RQP No: DMG/KERALA/RQP/12/2017

Date Of Survey : 28.11.2023
Scale : 1:2000

Applicant's Address :

Shri.K.N.Madhusoodan (Managing Director),
M/s. Mavalan Granites (P) Ltd,
Sreenikethan, Kalarjoor (P.O),
Puthanambutha (Dt),
Kerala State.

Location Of Quarry :

Sy.No : 288/1 (Part)
Extent : 05.23.77 Hect
Village : Koodal
Taluk : Kottu
District : Puthanambutha
State : Kerala

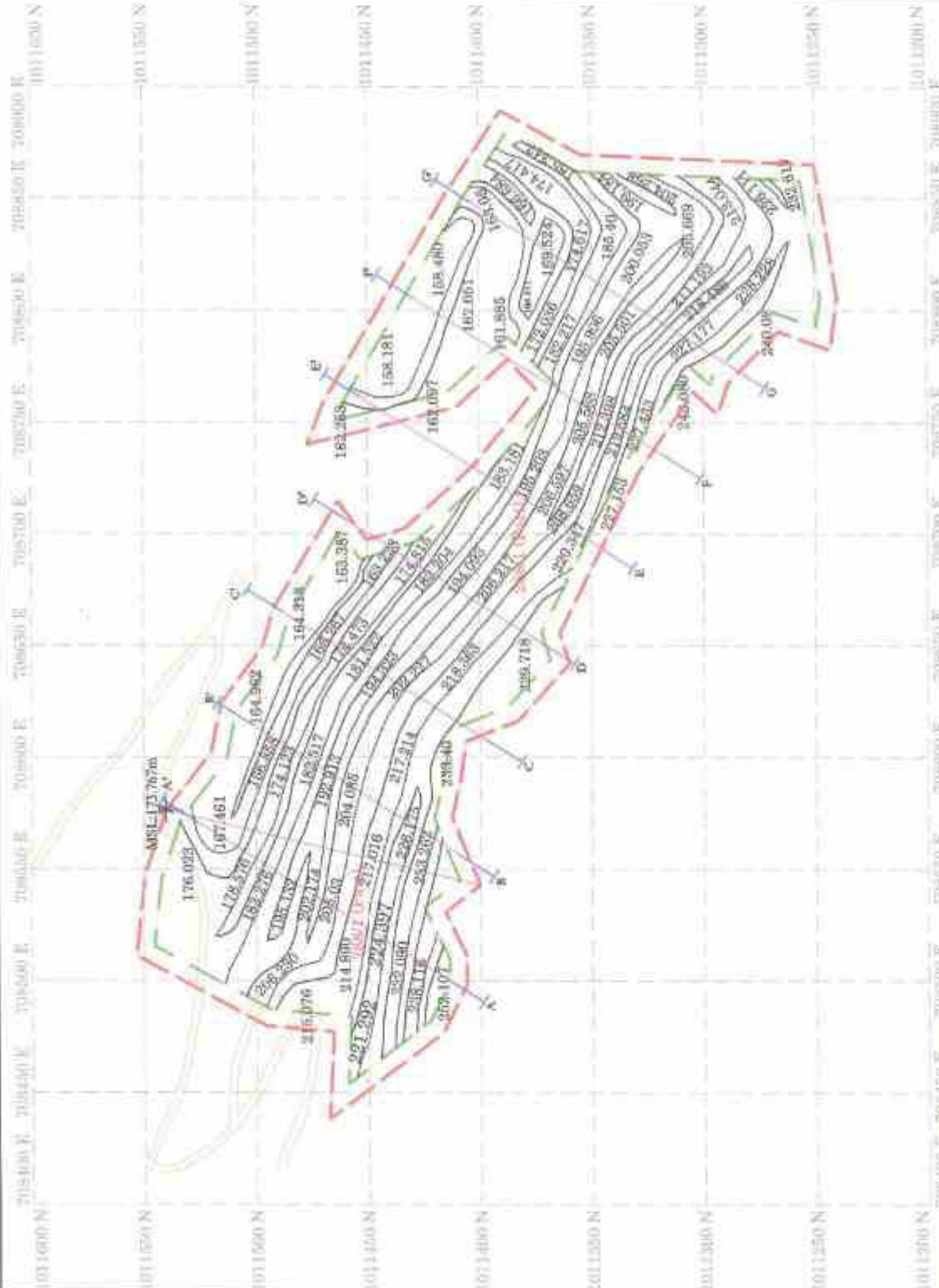
Index

	Quarry Lease Applied Area
	7.5 mtr Safety Zone
	Mine Working
	Road
	Bench Mark
	Grid Line (50m X 50m)
	Section Line



M/s. Mavalan Granites (P) Ltd

Mined out Quantity Calculation Plan



The Plan is prepared based on the
IMB approved by
the Govt. Village Office

Jayachandra Panicker P.S.

Jayachandra Panicker.P.S
DMG/KERALA/ROF/12/2017
Validity: 01.12.2023

Recognized Qualified Person
RQP No: DMG/KERALA/ROF/12/2017



PLATE : 13

Date Of Survey : 28.11.2023
Scale : 1:2150

Applicant's Address :

Shri.K.N.Madhusoodanan (Managing Partner),
M/s. Mavalan Granites (P) Ltd,
Sreenikethan, Kalanjoor (P.o),
Pathanamthitta (Dt),
Kerala State .

Location Of Quarry :

Sy.No : 288/1 (Part)
Extent : 05.23.77 Hect
Village : Koodal
Taluk : Konni
District : Pathanamthitta
State : Kerala

Index

-  Quarry Lease Applied Area
-  7.5 mtr Safety Zone
-  Original Ground Profile
-  Existing Working Profile
-  Mined Out Area
-  Charnokite
-  Top Soil (Avg.Depth : 1. mtr)
Over burden (Avg.Depth :2.mtr)



**M/s. Mavalan Granites
(P) Ltd**

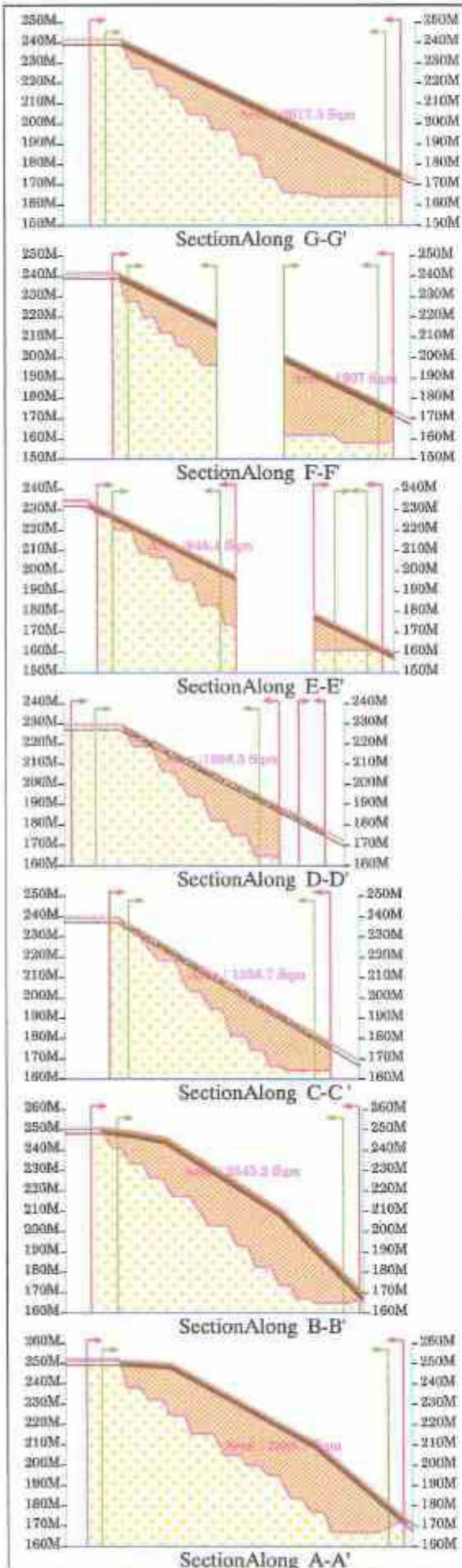
**Mined out Quantity
Calculation Section**

The Plan is prepared based on the
FMB approved by the Govt. Village

(Signature)
Office

Jayachandra Panicker.P.S
DMG/KERALA/RQP/12/2017,
Validity: 01.12.2027

JAYACHANDRA PANICKER P.S.
Recognised Qualified Person
RQP No: DMG/KERALA/RQP/12/2017



M /s. Mavalan Granites (P) Ltd Mined out Calculation

Mined Out Qty

Section Along	Avg Area in Sq.m	Avg Width in mtr	Volume in Cu.m	Sp.Gravity	Qty in Tonn
A-A'	2988.3	82	245040.6	2.5	612601.5
B-B'	2545.2	50	127260	2.5	318150
C-C'	1356.7	50	67835	2.5	169587.5
D-D'	1098.5	50	54925	2.5	137312.5
E-E'	948.4	50	47420	2.5	118550
F-F'	1997	50	99850	2.5	249625
G-G'	2617.5	83	217252.5	2.5	543131.25
Total			859583.1		2148957.75

Development - Top Soil Qty (1m Depth)

Section Along	Avg Area in Sq.m	Avg Width in mtr	Volume in Cu.m	Sp.Gravity	Qty in Tonn
A-A'	166.9	82	13685.8	2	27371.6
B-B'	156.3	50	7815	2	15630
C-C'	115	50	5750	2	11500
D-D'	117.6	50	5880	2	11760
E-E'	168.1	50	8405	2	16810
F-F'	151.4	50	7570	2	15140
G-G'	152.2	83	12632.6	2	25265.2
Total			61738.4		123476.8

Development - Over burden Qty (2m Depth)

Section Along	Avg Area in Sq.m	Avg Width in mtr	Volume in Cu.m	Sp.Gravity	Qty in Tonn
A-A'	327.2	82	26830.4	2.2	59026.88
B-B'	310.9	50	15545	2.2	34199
C-C'	232.4	50	11620	2.2	25564
D-D'	221.7	50	11085	2.2	24387
E-E'	332	50	16600	2.2	36520
F-F'	300.1	50	15005	2.2	33011
G-G'	303.2	83	25165.6	2.2	55364.32
Total			121851		268072.2



Jayachandra Panicker

JAYACHANDRA PANICKER P.S.
 Recognised Qualified Person
 RQP No: DMG/KERALA/RQP/12/2017

Date Of Survey : 28.11.2023















Applicant :

Shri.K.N.Madhusoodanan (Managing Director),
M/s. Mavunal Granites (P) Ltd.,
Sreenikethan, Kalanjoor (Post),
Pathanamthitta (Dt),
Kerala State.

Location Of Quarry :

SCNo : 288/1 (Part),
Extent : 05.23.77 Hect
Village : Koodal,
Taluk : Kanni
District : Pathanamthitta
State : Kerala

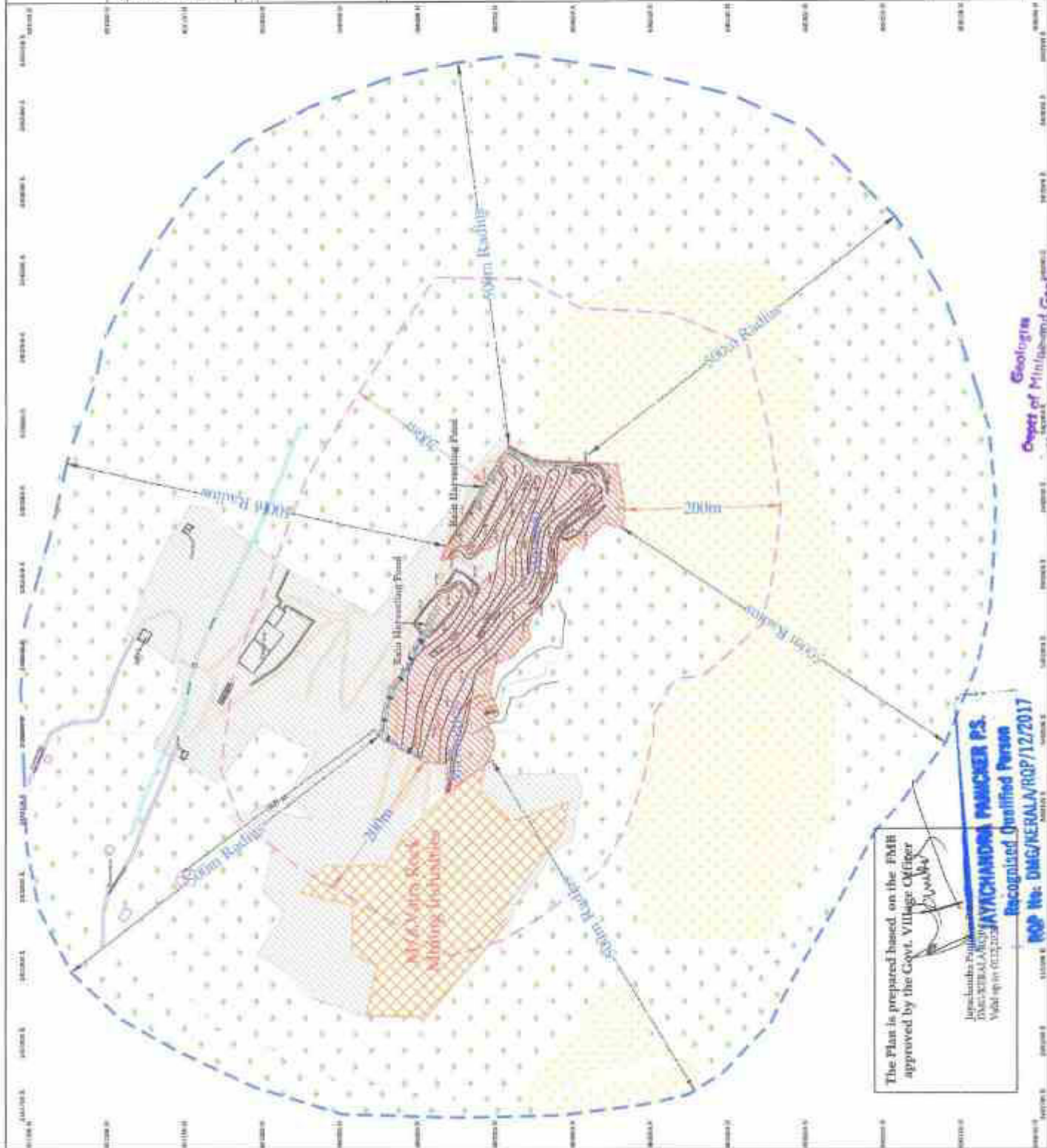
Index

-  Quarry Application Boundary
-  Applicant Own Land Boundary
-  Private Road
-  Public Road
-  Structure Not Belong To Owner
-  Odai
-  500 mtr Radius
-  200 mtr Radius Safety Zone
-  Granite Out crop
-  Rubber / Tree Plantation
-  Water Sampling Station
-  Rain Water Channel With Check Dam
-  Adjacent Quarry
-  Rain Harvesting Pond



M/s. Mavunal Granites (P) Ltd
500 mtr Radius /
Environmental Plan

Scale : 1:5100



The Plan is prepared based on the FMR approved by the Govt. Village Officer

Jayachandran Pancher P.S.
D.M.G./KERALA/RO/12/2017
Valid up to 01.02.2024
Recognised Qualified Person

IMP No: DMG/KERALA/RO/12/2017

This mining scheme is approved
18/11/24

Geologists
Dept of Mining and Geology



KERALA STATE POLLUTION CONTROL BOARD

FILE NO. :PCB/PTA/ICO/QR-9/2007

Date of issue :22/05/2023

INTEGRATED CONSENT TO OPERATE - RENEWAL

Consent No : QCO/PTA/02/R6/2023

- Ref : 1.CONSENT NO:QCO/PTA/02/R3/2016, DATE OF ISSUE:23/05/2016,VALID UP TO:30/06/2019.
 2.CONSENT NO: QCO/PTA/02/R3/EXP/17, DATE OF ISSUE:15/11/2017,VALID UP TO:31/10/2020.
 3.Consent No : QCO/PTA/02/R4/2020,Date of issue :24/10/2020,Valid UP TO 15/08/2022.
 4.Consent No : QCO/PTA/02/R5/2022,Date of issue :06/05/2022, Valid UP TO 15/08/2023.
 5.Online Application No: 18639606, Submitted on 06/04/2023.

The ' Integrated Consent to Operate' issued as per reference above to M/s QUARRY OF MAVANAL GRANITES Pvt Ltd, NIRATHUPARAP.O., KOODAL, KONNI, PATHANAMTHITTA. is hereby renewed up to 15/08/2027 and issued to M/s QUARRY OF MAVANAL GRANITES Pvt Ltd, NIRATHUPARAP.O., KOODAL, KONNI, PATHANAMTHITTA. The consent(s)/ variation order(s) cited under reference are integral part of this renewal order and this order is subject to the conditions stipulated therein and the following modifications/ additions.

I. GENERAL

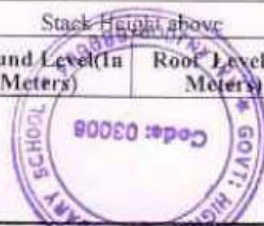
S.No.	Items	Description
1	1. VALIDITY	15/08/2027
2	2. Survey Number	288/1 , BL.32 (Extent of quarrying 5.2377 Hectares)
3	3. Annual Fee/ Fee Remitted	Rs.30,000/- Rs.1,20,000/- (Rs.64,066/- + Excess Fees Rs.55,934/-)
4	4. Machinery Details	(1). HITACHI ZAXIS 210 - 2 NOS- 150 HP EACH, (2) COMPRESSOR - 1 NO- 103 HP, (3) JACK HAMMER - 4 NOS. (4) TIPPER 1613 - 3 NOS (5) ROCK BRAEKER - 1 NO

II. Stack Details

Stack No.	Source of Emission	Emission Rate(Nm3/Hr)	Stack Height above		Control Equipment
			Ground Level(In Meters)	Roof Level(In Meters)	

Signature
 PRATHAPKUMAR
 ASSISTANT SECRETARY
 KERALA STATE POLLUTION CONTROL BOARD
 THIRUVANANTHAPURAM

Page 1



III. CONDITIONS

- 3.1. This consent is granted based on the application, affidavit, particulars submitted by the applicant, and Board's circular No. PCB/HO/CIRCULAR/51/2019 dated 04.05.2022, and subject to the power of the Board to review and make variation in or revoke the conditions as the Board deems fit.
- 3.2. The Validity of this consent is subject to subsequent Government Order & direction / judgement of Honourable Supreme Court of India, High Court, and National Green Tribunal.
- 3.3. The consent unless withdrawn earlier and subject to condition no. 3.1 and 3.2 shall be valid up to 15.08.2027. For renewal of consent, application may be submitted online two months in advance of expiry of validity date, along with the re validated Environmental Clearance Certificate.
- 3.4. The concentration of suspended particulate matter at the boundary of the premises shall not exceed the National Ambient Air Quality Standards for the adjoining area.
- 3.5. The sound level (Leq) at 1 m outside the boundary of the site should not exceed 55dB(A) or the ambient noise standard applicable to the adjoining areas.
- 3.6. Sufficient number of water sprinkler shall be provided to prevent dust emission.
- 3.7. Facility for regular cleaning and wetting of the road within the quarry premises shall be provided.
- 3.8. The products shall be transported with proper cover or with adequate measures to prevent spreading of dust during transportation.
- 3.9. The applicant shall comply with the instructions that the Board may issue from time to time regarding prevention and control of air, water and land pollution.

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

Pravithamol T N Digitally signed by Pravithamol T N
Date: 2023.05.22 17:19:45 +05'30'

DATE :22/05/2023

SIGNATURE & SEAL OF ISSUING AUTHORITY
ENVIRONMENTAL ENGINEER (I/C)



J. Prathibha
J. PRATHIBHA
HSE (ECONOMICS)
HQS - KALAMANGUDI
PATTANAMTHITTA

To
Sri.K.N.MADHUSOODANAN,
SREENIKETHAN,
KALANJOOR P.O.,
KONNI,
PATHANAMTHITTA,
KERALA,
PIN- 689694.

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

2. For verifying this document please go to kroemms.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.


J. PRALIN KALAN
BEST (EGORHESI)
BUS - KALANJOOR
PATHANAMTHITTA





KERALA STATE POLLUTION CONTROL BOARD

FILE NO. : PCB/PTA/ICO/CR/62/2013

Date of issue : 30/10/2020

INTEGRATED CONSENT TO OPERATE - RENEWAL

Consent No : ICO/PTA/CR/52/R1/2020

Ref : 1.CONSENT NO:ICO/PTA/CR/52/2017, DATE OF ISSUE:19/12/2017,VALID UP TO:31/12/2020

2.ONLINE APPLICATION NO:13947508

The Integrated Consent to Operate issued as per reference above to M/s MAVANAL GRANITES Pvt Ltd., KALLIPPARA, NIRATHUPARA P.O, KOODAL, PATHANAMTHITTA is hereby renewed up to 31/12/2025 and issued to M/s MAVANAL GRANITES Pvt Ltd., KALLIPPARA, NIRATHUPARA P.O, KOODAL, PATHANAMTHITTA . The consent(s)/ variation order(s) cited under reference are integral part of this renewal order and this order is subject to the conditions stipulated therein and the following modifications/ additions.

I. GENERAL

S.No.	Items	Description
1	1.12. Annual Fee/Fee remitted	Rs.50,320, Rs.3,00,114/-
2	1.13. Capital Investment (Rs.in lakhs)	883
3	1.16. Total Power required(HP)	1000 (Primary Crusher - 250 HP, Cone Crusher-200 HP, VSI- 300 HP, Conveyors-100 HP,Auxilliarities- 150 HP) DG sets- 725 kVA, 600 kVA

II. Stack Details

Stack No.	Source of Emission	Emission Rate(Nm ³ /Hr)	Stack Height above		Control Equipment
			Ground Level(In Meters)	Roof Level(In Meters)	

III. CONDITIONS

3.1 This integrated Consent (renewal) is granted-subject to the power of the Board to review and make variation in the conditions or revoke the consent as the Board deems fit.

3.2 The consent unless withdrawn earlier and subject to condition no. 1 & 2 shall be valid up to 31.12.2025. For renewal of the consent, application in the prescribed form shall be submitted to the Board online on or before 31.10.2025 along with a copy of this consent order. Late fee as per norms will be charged for application submitted thereafter.

3.3 The applicant shall comply with the instructions that the Board may issue from time to time regarding prevention and control of air, water and land pollution.

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

DATE : 30/10/2020

SUCHITRA V

Digitally signed by SUCHITRA V
Date: 2020.10.30 20:09:11 +05'30'

SIGNATURE & SEAL OF ISSUING AUTHORITY
ENVIRONMENTAL ENGINEER



To

Sri. K.N. Madhusudhanan
Sreenikethan,
Kalanjoor P.O., Konni,
Pathanamthitta- 689694.

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.



കലണ്ടർ ഗ്രാമപഞ്ചായത്തിൽ നിന്നും
1994ലെ കേരള പഞ്ചായത്ത് രാജ് ആക്ട് (1994ലെ 13) 232, 233, 234, 254 എന്നീ വകുപ്പുകളും
അതേ തുടർനുള്ള ചട്ടങ്ങളും അനുസരിച്ച്
ഫാക്ടറികൾ, വ്യാപാരങ്ങൾ, സംരംഭങ്ങൾ, മറ്റു സേവനങ്ങൾ എന്നിവയ്ക്കായി നൽകുന്ന
ലൈസൻസ്

നമ്പർ : A8-1763/25

തീയതി : 28.03.2025

ലൈസൻസിയുടെ പേരും മേൽവിലാസവും	കെ. എൻ. മധുസൂദനൻ (മാനേജിങ് ഡയറക്ടർ), മാവാനൽ ഗ്രാനൈറ്റ്സ് (P) ലിമിറ്റഡ്, ശ്രീനികേതൻ, കലണ്ടർ പി.ഓ	
സ്ഥാപനത്തിന്റെ പേരും സ്ഥലനാമവും	മാവാനാൽ ഗ്രാനൈറ്റ്സ് (P) ലിമിറ്റഡ്, പോത്തുപാറ - കള്ളത്തുമൺ	
ലൈസൻസ് നൽകിയിട്ടുള്ള പ്രവർത്തനങ്ങൾ	കരിങ്കൽ ഖനനം നടത്തുന്നതിന് (കരിങ്കൽ ക്വാറി)	
കെട്ടിടത്തിന്റെ നമ്പരും വാർഡ് നമ്പരും	Survey Number - 288/1	
ലൈസൻസ് കാലയളവ്	01-04-2025 മുതൽ 31-03-2030 വരെ	
ഈടാക്കിയ ലൈസൻസ് ഫീസ്	₹75000	രസീത് നം: 1240800239 തീയതി: 27-03-2025
തൊഴിൽക്കരം	₹12500 + ₹0	രസീത് നം: 1240800239 തീയതി: 27-03-2025
ലൈസൻസ് അനുവദിക്കുന്നതിനായി ഹാജരാക്കിയ നിരാകേഷപത്രങ്ങളുടെ വിശദാംശങ്ങൾ (നമ്പർ, തീയതി, കാലയളവ്, നൽകിയ അധികാരസ്ഥാനം)	Consent from Kerala Pollution Control Board - up to 15-08-2027 Letter of Intend from Mining & Geology Mining & Geology Lease Agreement - upto Feb-2035 SEIAA - Validity - Life of Mine License From Explosive Dept - up to 31-03-2030 NOC From Fire & Rescue Service Permit Fees for Running Machinery - 13825.00	

സെക്രട്ടറി
കലണ്ടർ ഗ്രാമപഞ്ചായത്ത്

Document certified by Suresh Babu S
-babuchirakattu@gmail.com-
Digitally signed by Suresh Babu S
Date: 2025.03.28 14:40:40 IST
Reason: ILGMS Govt. of Kerala

Duplicate no. 305/2025/H

നോൺ ജുഡീഷ്യൽ

NON JUDICIAL

Certified that the original of this document bears a stamp duty of Rs. 1,08,1324 (Ten Lakh Eighty on Thousand Three Hundred and Twenty four) ₹500

കേരള സർക്കാർ

Coaching Centre GOVERNMENT OF KERALA

Sub-Registrar

29/03/2025

e-Stamp

e-Stamp Serial Number : 202425000001922416

Verification Code : 728283557V

Govt. Reference No.(GRN)

: KL038968997202425E

Purpose

: Agreement or memorandum of an agreement - If relating to public works or service level agreements.

Amount of Stamp Paper Purchased in Numeral

: ₹ 500

Amount of Stamp Paper Purchased in Words

: Rupees Five Hundred

Stamp Paper Purchased on

: 03/03/2025

First Party Name

: K N Madusoodhanan

First Party Address

: Managing Director, Mavanal Granites Pvt. Ltd, Sreenikethan Kalanjoor

Second Party Name

: Geologist

Second Party Address

: Mining and Geology Department, Pathanamthitta

Vendor Code & Name

: 05032039 - K Rajendran Nair

Treasury Code & Name

: 0503 - Sub.Treasury Adoor



Please write or type below this line

FORM

(See Rule 43)

QUARRYING LEASE

This deed of lease made on this the 04th day of March 20 25 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 M/s. Mavanal Granites Pvt. Ltd., Sreenikethan, Kalanjoor, Pathanamthitta District, Pin-689694 (Represented by its Managing Director Shri. K.N. Madhusoodanan) (Aadhaar No. 7717 7399 9792) (hereinafter called the "lessee/lessees" which expression

Lessor

SHYJU P. Geologist Dept. of Mining & Geology District Office, Pathanamthitta Adoor P.O., Pin - 691 523

Lessee



This can be verified by https://www.estamp.treasury.kerala.gov.in/index.php/estamp_search using e-Stamp Serial Number and Verification Code.

In case of any discrepancy, please inform the competent authority.

കേരള സർക്കാർ രാജ്യസർക്കാർ

Handwritten signature

Duplicate
No. 305/2025/LI

Presented in the office of the sub Registrar
Enadimangalam at 3:00 Pm on the 29th
day of March 2025 Photograph and
Thumb Impression of the Sellers/buyers presentant
affixed under section 32A and paid a fee of Rs. 272980
Through E-Payment by

K.M. Madhusudhan - 

residing at Sreenikelhan

Dated 29th March 2025

Execution Admitted by M/s Mavamal Granites Pvt Ltd
represented by K.M. Madhusudhan
its managing Director

RAJESH.V.L
Sub Registrar





residing at Sreenikelhan, Kadanjoor
Paltanamhitta 686694

I have satisfied myself as to the
execution of this document by
Sri. Shyju P, Geologist, Department of
Mining and Geology, District office
Paltanamhitta for and on behalf of
Governor of Kerala who is exempted
from personal appearance under section
88(c) of Registration Act



Doc.No. 305 of 2025 Book

9 Sheets 1 Sheet

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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 the lessee/lessees the land measuring 5.2377 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 10 (ten) years commencing from the 04/03/2025 and ending on the 03/03/2035 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.

1. The lessee/lessees shall have the right in and upon the said lands to extract Granite Building Stone (herein after 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 authorized 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


Lessor

SHYJU P.
Geologist
Dept. of Mining & Geology
District Office, Pattanamthitta
Adoor P.O., Pin - 691 523


Lessee

Identified by

Vijayamma Uyayam D/o Thankamma Housewife
residing at Ellathuvelakathi, Vallicode

Suresh S Bhu S/o Sivaraman Nair Ex-Serviceman
Residing at Suresh Bhu K Nagar

Dated 29th March 2025

RAJESH.V.L
Sub Registrar

Registered as Doc. No:
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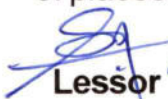
Dated 29th March 2025

RAJESH.V.L
Sub Registrar



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 authorized by him to examine the said books of account and the register of employees and to take copies and extracts there from. 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 here to annexed.
7. The lessee shall not carry on or allow to be carried on any quarrying operations at or to any points within a distance of 100 meters from any railway line except with the previous written permission of the railway administration concerned and any bridge on National Highway or 50 meters from any reservoir, tanks, canals, rivers, bridges, public roads, other public works, residential buildings, the boundary walls of places of worship, burial grounds or burning ghats or any monument protected

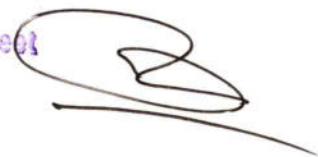

Lessor

SHYJU P.
Geologist
Dept. of Mining & Geology
District Office, Pattanam, Ita
Adoor P.O., Pin - 681542


Lessee

Doc No 305 of 2025 Book

9 Sheets 3 Sheet

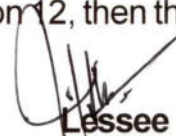


by Government except with the previous permission of the authorities concerned or the Government or competent authority. Provided that the railway administration or the State Government or any other authority in this behalf may in granting such permission impose such other conditions as may be found proper and necessary.

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 authorized 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 Government/competent authority. State.
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

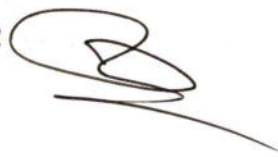

Lessor

SHYJU P.
Geologist
Dept. of Mining & Geology
District Office, Pathanamthitta
Adoor P.O., Pin - 691 823


Lessee

Doc.No. 305 of 2025 Book

9 Sheets 4 Sheet



favor 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.

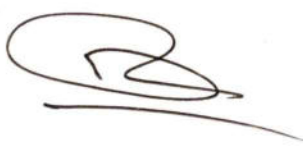
14. The lease may be surrendered by the lessee/lessees at any time after 3 months notice in writing to the State Government/competent authority: Provided the lessee lessees has have paid all sums due on account of the lease. Provided further that if the lessee lessees elects/elect to determine this lease 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, 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.
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 authorized by this lease or fail to carry on quarrying operations as per the approved mining plan 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 after giving the lessee an opportunity of being heard or the alternative to receive from the lessee/lessees such penalty not exceeding Rs.5,00,000/- (Rupees Five Lakhs only) for the breach as the State Government/competent authority may fix.
17. In cases where the area under quarrying lease is Government land, the lessee shall close the mine within three calendar months after the expiry of the lease or its determination and remove any engine, machinery, buildings, structures and other


Lessor
SHYJU P.
Geologist
Dept. of Mining & Geology
District Office, Pathanamthitta
Adoor P.O., Pin - 691 523


Lessee

Doc. No. 305 of 2019 Book

9 Sheets 5 Sheet



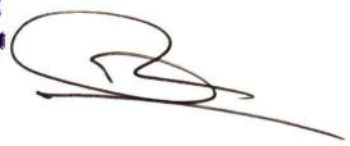
works and conveniences from the area under the lease. If the lessee does not remove the same within the said period, the same shall become the property of the State Government and the State Government shall have the right to dispose the same on such terms and conditions as it deems fit.

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 authorized 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. 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.
23. In this case, the anticipated royalty to be remitted for the mineral extracted per year at the present rate of royalty of Rs.48/- per tonne for the proposed average annual


Lessor
 SHYJU P.
 Geologist
 Dept. of Mining & Geology
 District Office, Pallanamthi
 Adoor P.O., Pin - 691 633


Lessee

Doc. No. 305 of 2025 Book
9 Sheets 6 Sheet



production of 1,05,500 metric tonnes is Rs. 50,64,000/- (Rupees Fifty lakh sixty four thousand only).

24. In this case, the annual surface rent to be remitted per year at the present rate of Rs.8/- per Are per year is Rs 4,190 (Rupees Four thousand one hundred and ninety only) and the refundable Security Deposit is Rs. 52,377/-(Rupees Fifty two thousand three hundred and seventy seven only).

SCHEDULE OF DESCRIPTION OF LAND

District : Pathanamthitta

Taluk : Konni Block : 32

Village	Survey No.	Lease area in Hectares
Koodal	288/1(Govt Land)	5.2377
Total Area in Hectares		5.2377

Bounden by Survey No.

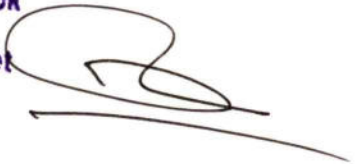
On the North by	271/2, 271/12, 272/1, 282/2, 273/3
On the East by	288/1
On the South by	288/1, 255/2, 255/1, 254/1, 253/1, 251/1
On the West by	251/1, 256/3, 288/1


Lessor


SHYJU P.
Geologist
Dept. of Mining & Geology
District Office, Pathanamthitta
Adoor P.O., Pin - 691 521


Lessee

Doc.No. 305 of 2029 Book
9 Sheets 2 Sheet



In the witness whereof the parties here to have signed on the date and year first above written.

Signed by SHYJU P 

SHYJU P.
Geologist
Dept. of Mining & Geology
District Office, Pathanamthitta
Adoor P.O., Pin - 691 523

For and on behalf of the Governor of Kerala.


In the presence of

(1) Reethu Mohan, Assistant Geologist
Department of Mining & Geology




(2) Santhosh Kumar K, Sr. Clerk, Dept of
Mining & Geology, Dist. office, Pathanamthitta



Signed by K.Ni Madhu Soodman 

For and on behalf of the lessee/lessees

In the presence of

(1) Suresh S 
Suresh Bhavan,
Kelayaru

(2) Mithras P
Thayyil Vadakkathil
Govindan Nalatham P.O
Kalyanpalam



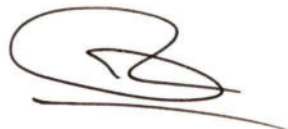

Lessor


Lessee



SHYJU P.
Geologist
Dept. of Mining & Geology
District Office, Pathanamthitta
Adoor P.O., Pin - 691 523

Doc.No. 305 of 2025 Book

9 Sheets 8 Sheet



REGISTERED POST

	<p style="text-align: center;">भारत सरकार/ Govt. of India श्रम एवं रोजगार मंत्रालय/ Ministry of Labour & Employment खान सुरक्षा महानिदेशालय/ Directorate General of Mines Safety बेंगलुरु, क्षेत्र, द.अं / Bengaluru Region, SZ.</p>	
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सं.SZ/BGR/KL/PTH/106(2)(b)/P-135/2014-15/829 बेंगलुरु, दिनांक, 19/5/2015.

प्रेषक,

खान सुरक्षा निदेशक,

खान सुरक्षा महानिदेशालय,

बेंगलुरु क्षेत्र, द.अं।

#5, 17th Main, 100 ft. Road, 4th B-Block,
कोरामंगला, बेंगलुरु-560 034 (KA)

सेवा में,

Sri K.N.Madhusoodan

Nominated Owner: Koodal Stone Quarry

M/s Mavanal Granites Pvt Ltd.

"Sreenikethan"

Kalanjoor post, Pathanamthitta District,
Kerala-689 694.

विषय:- Conditions governing the use of Heavy Earth Moving Machinery(HEMM) without deep hole drilling and blasting under Reg.106(2)(b) of the MMR, 1961, at Koodal Stone Quarry(M/s Mavanal granites Pvt.ltd, Owner Sri K.N.Madusoodanan), in Sy No.288/1 part in block 32 of Koodal village, Konni Taluk, Pathanamthitta District of Kerala.

महोदय,

Please refer to your application No Nil dated 16.02.2015 on the above subject along with Surface Plan No. No. GTS/MG-Kjr/01/2014 dated 03.01.2014 enclosed therewith.

The matter has since been examined in the light of what has been stated in your application. In exercise of the powers conferred on the Chief Inspector of Mines under the provisions of Regulation 106(2)(b) of the Metalliferous Mines Regulations, 1961 and by virtue of the authorization granted to me by the Chief Inspector of Mines (also designated as Director-General of Mines Safety) under Section 6(1) of the Mines Act, 1952, I hereby impose following conditions governing the use of Heavy Earth Moving Machinery(HEMM) without deep hole drilling and blasting under Regulation 106(2)(b) of the Metalliferous Mines Regulations, 1961 to form benches in overburden & orebody at Kodal Stone Quarry(M/s Mavanal granites Pvt.ltd, Owner Sri K.N.Madusoodanan), in Sy No.288/1 part in block 32 of Koodal village, Konni Taluk, Pathanamthitta District of Kerala:

1.0 General:

1.1 Except where otherwise provided for, all provisions of the Metalliferous Mines Regulations, 1961 shall be strictly complied with.

First Class without deep hole

2.0 Opencast Working:

2.1 Height and Width of Benches:

- 2.1.1 The height of benches in overburden, ore body or other rock formation shall not be more than maximum digging height of the machine used for digging, excavation or removal or 7.0m whichever is less.
- 2.1.2 Width of any bench shall not be less than -
 - (a) width of the widest machine plying on the bench plus 2 m, or
 - (b) if dumpers ply on the bench, 3 times the width of the dumper, or
 - (c) the height of the bench, whichever is more.
- 2.1.3 When persons are employed at the working face, adequate precautions shall be taken to ensure their safety by dressing the sides of the bench.
- 2.1.4 Formation of benches shall be done from top downwards.

2.2 Roads for Trucks and Dumpers etc:

- 2.2.1 All roads for trucks, dumpers or other mobile machinery shall be maintained in good condition.
- 2.2.2 Wherever practicable, all roads from the opencast workings shall be arranged to provide one-way traffic. Where one-way traffic it is not practicable, no road shall be of width less than three times plus 5m width of the largest vehicle plying on road.
- 2.2.3 All corner and bends shall be made in such a way that operator of vehicle have clear view of distance of not less than 3 times the braking distance of largest HEMM working at 40Km/hour.
- 2.2.4 Where it is not possible to ensure a visibility for a distance as mentioned in clause (2.2.3), there shall be provided with two roads of width not less than 2 times plus 3m of largest vehicle plying on the road with a strong road divider at centre with adequate lighting and reflector along the divider.
- 2.2.5 Where any road existing above level of surrounding area it shall be provided with strong parapet wall/embankment of following dimensions:
 - (a) Width at top-not less than 1 m.
 - (a) Width at bottom-not less than 2.5 m.
 - (b) The height not less than the diameter of tyre of largest vehicle plying on road. It may be noted that just dumping of mud or OB shall not be treated as strong parapet wall.
- 2.2.6 No road shall have gradient more than 1 in 16. However, the ramps with 1 in 10 gradient shall not be for more than 100m at one stretch.

3.0 Supervision :

- 3.1 A person possessing First Class Mine Manager's Certificate of competency under Regulation MMR, 1961 shall be appointed as the manager of the mine to look after HEMM operation. This permission shall stand revoked as soon as the qualified manager ceases to work at the mine. Use of HEMM shall be suspended in the absence of manager with aforesaid qualification.
- 3.2 During every production shift, the opencast workings shall be placed under the charge of an Assistant Manager and during maintenance shift, the workings shall be placed under the charge of a Foreman, who shall be responsible to see that all the regulations and orders made there under are strictly complied with.
- 3.3 Adequate number of supervisors including duly qualified Foremen and Mates shall be appointed in each working shift to assist the manager. Manager, Foreman and Mate shall be responsible to see that all the regulations and the orders made there under are strictly complied with.

II- MACHINERY

4.0 DESIGN & MAINTENANCE OF MACHINERY & VEHICLES

Every Heavy Earth Moving Machinery shall be maintained in good and safe working condition.

- 4.1 Every Heavy Earth Moving Machinery shall be provided with efficient warning devices, adequate front and rear lights and efficient brakes. Every Dumpers/Truck shall be provided with Audio-Visual warning device, which shall be actuated automatically to produce both audible and visual warning system during reversal of vehicle and any other advanced mechanism like rear view mirror shall be provided
- 4.2 Every shovel shall be so designed as to afford the operator clear and uninterrupted vision all around
- 4.3 Operators cabin of every machine or vehicle shall be well designed and substantially built so as to ensure adequate protection to the operator against heat, dust, noise etc., and at the same time provide adequate safety to the operator in the event of overturning of heavy earth moving machinery. A seat belt for the safety of the operator shall also be provided.
- 4.4 The code of instructions furnished by the manufacturers in the matter of maintenance of various machinery and vehicles and preventive maintenance schedules for each type of machinery and vehicle shall be strictly followed.
- 4.5 Every machine and vehicle shall be allocated at least one day in every week for maintenance. Before the machine or vehicle is sent out for work after maintenance, it shall be thoroughly inspected by the engineer, mechanical foreman or other competent person authorized by the Manager in writing, who shall satisfy himself that the machine or vehicle is mechanically sound and in efficient working order.
- 4.6 A report of every inspection made under clause (4.6) shall be recorded in a bound paged book kept for the purpose and shall be signed and dated by the person making the inspection and countersigned by the Engineer
- 4.7 Every machine in use shall be thoroughly inspected once at least in every 24 hours by a competent person duly authorized by the Manager of the mine.
- 4.8 If the Engineer, Mechanical Foreman or other competent person making inspection, notices any defect in any machinery or vehicle, the said machinery or vehicle shall not be used until the defect has been remedied.
- 4.9 Any defect in a machinery or vehicle reported by its operator shall be promptly attended to.
- 4.10 Any machine or vehicle found to be in an unsafe operating condition shall be tagged at the operator's position "OUT OF SERVICE, DO NOT USE" and its use shall be prohibited until the unsafe condition has been corrected
- 4.11 All repair to machinery or vehicle shall be done at a location, which will provide a safe place for the persons engaged on repairs
- 4.12 Except for testing, trial, or adjustment, which must necessarily be done while the machine or vehicle is in motion, every machine or vehicle shall be shut down and positive means taken to prevent its operation while any repair or manual lubrication is being done.
- 4.13 Any machinery, equipment or part thereof which is suspended or held apart by use of slings, hoists, jacks shall be substantially blocked or cribbed before men are permitted to work underneath or between such machinery, equipment or part thereof.
- 4.14 Power shall be disconnected when repairs are made to any electrical machinery.
- 4.15 While inflating tyres of transport vehicles, suitable protective cages shall be used. Tyres shall never be inflated by standing/sitting either in the front or on the top of the same.
- 4.16 Only such fitters or mechanics, who possesses driving license under Motor Vehicles Act shall be authorized by the manager to test-run the HEMM.

- 4.17 The Brakes of all trucks-dumpers and other transport vehicles shall be tested atleast once in every fortnight by a competent person duly authorized by the Manager of the mine in manner detailed below:

Service Brake Test: The Service brake shall be tested with the vehicle is fully loaded condition on a specified gradient and speed. It shall stop within a specified distance by the manufacturer of the vehicle when the service brake is applied.

Parking Brake Test: The parking brake shall be capable of holding the truck/dumper/transport vehicle when is fully loaded and placed on maximum gradient of roadway which is permitted, for a period of atleast ten minutes

- 4.18 A record of all such test shall be maintained in a bound paged book kept for the purpose and shall be signed by the person carrying out the test and countersigned by the Engineer and Manager of the mine.
- 4.19 Every dumper/tipper/truck shall be provided with automatically operating audio-visual reversing alarm, which shall always be kept in working order.
- 4.20 No person shall be permitted to work on the chassis of truck or dumper with the body in a raised position until the truck or dumper body has been securely blocked in position. The mechanical hoist mechanism alone shall not be depended upon to hold the body of the truck or dumper in raised position.

5.0 DAILY EXAMINATION OF MACHINERY AND VEHICLE:

- 5.1 At the commencement of every shift, the Engineer or Mechanic or Foreman or other authorized Competent persons shall personally inspect and test every machine and vehicle paying special attention to the following details:

- 5.1.1 That the brakes and the horn or other warning devices are in working order;

if the vehicle or machine is required to work after day light hours that the lights are in working order.

- 5.1.2 He shall not permit the vehicle or machine to be taken out for work nor shall he drive the vehicle unless he is satisfied that it is mechanically sound and in efficient working order.

- 5.1.3 He shall also maintain a record of every inspection in a bound paged book kept for the purpose. Every entry in the book shall be signed and dated by the person making the inspection.

6.0 OPERATION OF MACHINERY:

- 6.1.1 No person other than the operator or his helper if any or any person so authorized in writing by the manager shall ride on a Shovel or Excavator.

- 6.1.2 No shovel or excavator shall be operated in a position where any part of the machine, suspended loads or lines are brought closer than three metres to exposed high voltage lines, unless the current has been cut off and the line de-energized. A notice of this requirement shall be posted at the operator's control panel.

- 6.1.3 Electrical cables, if any shall be laid in such a manner that they are not endangered either by falling rocks or by mobile equipment.

- 6.2 If more than one stripping machine is in use in any area, either on the same bench or on different benches the machines shall be so spaced that there is no danger of accident from flying or falling objects etc. from one machine to the other.

7.0 DUTIES OF MACHINERY OPERATORS:

- 7.1 a) Every Heavy Earth Moving Machinery shall be under the charge of a competent person (herein called the 'operator') authorized in writing by the Manager.
- b) Operator/driver of each HEMM shall be selected from amongst persons possessing requisite qualifications. The selection process shall comprise a test to check driving/operating skill, aptitude, health and oral examination of the candidate by a competent selection committee. The selected person shall be trained and their competency shall be evaluated by a board constituted by the mining company.
- c) All operators of HEMM shall undergo regular checks to test their driving/operating skill, knowledge and health once in every five years.
- d) To prevent unauthorized driving, a system shall be evolved whereby the ignition key and /or cabin key always remain with the driver/operator or with specifically designated competent person
- 7.2 At the commencement of every shift, the operator shall personally inspect and test the machine, paying special attention to the following details:
- 7.3.1 That the brakes and every warning device are in working order.
- 7.3.2 If it is required to work after the day light hours, all the lights on the vehicle are in working order.
- 7.3.3 Operator shall not take out the machine for work nor shall he work the machine unless he is satisfied that it is mechanically sound in efficient working order.
- 7.3.4 The operator shall not operate the machine when persons are in such proximity as to be endangered.
- 7.3.5 Operator shall not swing the bucket of a shovel over passing haulage units and other. While truck are being loaded he shall swing over the body of the truck/dumper and not over the cab, unless the cab is protected by a substantially strong cover.
- 7.3.5 The operator shall not allow any unauthorized person to ride on the machine.

8.0 OPERATION OF THE TRUCKS-DUMPERS & OTHER TRANSPORT VEHICLES:

- 8.1 The Manager of the mine shall frame a Standard Operating Guidelines/Code of Practice for operation of trucks-dumpers and other vehicles on the following aspects and ensure its compliance.
- 8.2 No person shall be permitted to ride on the running board of a truck or dumper.
- 8.3 As far as possible, loaded dumpers or trucks shall not be reversed on gradients.
- 8.4 While reversing a vehicle at dump yard/stopping point suitable mechanism like stop blocks/earthen bund etc. shall be provided to prevent a vehicle from approaching towards edge of dump.
- 8.5 Standard traffic rules shall be framed and followed during movement of all trucks and dumpers. They shall be prominently displayed at the relevant places in the opencast workings and truck/dumper roads.
- 8.6 When not in use every truck or dumper or other transport vehicle shall be moved to and parked at proper parking places.
- 8.7 No unauthorized person shall be permitted to enter or remain in any dumping yard or turning points.
- 8.8 While vehicle is being loaded/unloaded on a gradient, the same shall be secured on a stationary position by parking brake and any other suitable mechanism.

First Class without deep hole

9.0 DUTIES OF TRUCK/DUMPER OPERATORS:

9.1 At the commencement of every shift, the operator shall also personally inspect and test the machine, paying special attention to the following details:

- (i) That brakes and every warning device are in working order; and
- (ii) If the machine is required to work after day-light hours, that lights are in working order.
- (iii) He shall not take out the machine for work nor shall he operate the machine unless he is satisfied that it is mechanically sound and in efficient working order.

- 9.2.1 He shall not drive too fast, shall avoid distraction, and shall drive defensively. He shall not attempt to overtake another vehicle unless he can see clearly far enough ahead to be sure that he can pass it safely. He shall also sound the audible warning signal before overtaking.
- 9.2.2 When approaching stripping equipment, the driver of the dumper/truck shall sound the audible warning signal and shall not attempt to pass the stripping equipment until he has received a proper audible signal in reply.
- 9.2.3 Before crossing a road or railway line, he shall reduce his speed, look in both directions along the road or railway line, and shall proceed across the road or line only if it is safe to do so.
- 9.2.4 The operator shall sound the audible warning signal before while approaching 'blind' corners or any other points from where persons may walk in front unexpectedly.
- 9.2.4 The operator shall not operate the truck or dumper in reverse unless he has a clear view of the area behind the vehicle. He shall give an audible warning signal before reversing a truck or dumper.
- 9.2.5 The operator shall be sure of clearance before driving through tunnels, archways, plants, structures etc.
- 9.2.6 The operator shall see that the vehicle is not overloaded and that the material is not loaded in a dumper or truck so as to project horizontally beyond the sides of its body and that any material projecting beyond the front or rear is indicated by a red flag during day and a red light after day light hours.
- 9.2.7 The operator shall not allow any unauthorized persons to ride on the vehicle. He shall also not allow more than authorized number of persons to ride on the vehicle.
- 9.2.8 As far as possible loaded trucks or dumper shall not be reversed on gradient
- 9.3 "The Code of Traffic Rules" framed by the Mines Manager for movement of all trucks, tippers and dumpers prominently displayed at the relevant places in the opencast workings of the mine shall be complied with.

10 SPOIL BANKS

- 10.1 The spoil bank shall be designed and maintained scientifically.

- 13.1.9 Engine of a vehicle transporting explosives shall be stopped and the brakes set securely before it is unloaded or left standing.
- 13.1.10 A vehicle transporting explosives shall not be driven at a speed exceeding 25 kilometers per hour.
- 13.1.11 A vehicle loaded with explosives shall not be taken into garage or repair shop and shall not be parked in a congested place.
- 13.1.12 A vehicle transporting explosives shall not be re-fuelled except in emergencies and only when its engine is stopped and other precautions taken to prevent accidents.
- 13.1.13 No trailer shall be attached to a vehicle transporting explosives.
- 13.1.14 Every vehicle used for the transport of explosives shall be carefully inspected once in every 24 hours by a competent person to ensure that:
 - (a) fire extinguishers are filled and in place;
 - (b) the electric wiring is well-insulated and firmly secured;
 - (c) the chassis, engine and body are clean and free from surplus oil and grease;
 - (d) the fuel tank and feed lines are not leaking; and
 - (e) lights, brakes and steering mechanism are in good working order.
- 13.1.15 Report of every inspection made under clause (13.1.14) shall be signed and dated by competent person making the inspection.
- 13.1.16 All operations connected with transport of explosives shall be conducted under the personal supervision of a Foreman in charge of blasting operations at the mine.
- 13.1.17 The blaster shall personally search every person engaged in the transport and use of explosives and shall satisfy himself that no person so engaged has in his possession any cigarette, 'biri' or other smoking apparatus, or any match or any other apparatus of any kind capable of producing a light, flame or spark.

14.0 Precaution during Firing:

- 14.1 Shots shall not be fired except during hours of day-light. All holes charged on any one day shall be fired on the same day.
- 14.2 As far as practicable, shot firing shall be carried out either between shifts or during the rest interval, or at the end of work for the day.
- 14.3 During the approach and progress of an electric storm, the following precautions shall be taken:
 - (a) no explosive, particularly detonators, shall be handled;
 - (b) if charging operations have been commenced, the work shall be discontinued until the storm has passed;
 - (c) if the blast is to be fired electrically, all exposed wires shall be coiled up and if possible placed in the mouth of the holes, or kept covered by something other than a metal plate/conductive material;
 - (d) all wires shall be removed from contact with the steel rails or a haulage track so as to prevent the charge being exploded prematurely by a local strike of the lightning.
- 14.4 The danger zone shall be distinctly demarcated (by means of red flags properly arranged and supported) before charging of holes is to commence.
- 14.5 Before firing, a siren installed for the purpose shall be blown three times for one minute each at intervals of one minute; and no shots shall be fired unless the blasting foreman with assistance of sufficient number of persons appointed in writing by the manager for the purpose has ensured that all persons have left the danger zone or have taken adequate shelter.
- 14.6 No shot shall be fired when there is traffic on any road or railway track within the danger zone.

10.2 The toe of the spoil bank shall not approach Railway or other public works, public road or building or other permanent structures not belonging to the owner of the mine closer than a distance equal to the vertical height of the spoil bank.

10.3 A suitable fence shall be provided between any railway or public works or road or building or structure and the toe of an active spoil-bank so as to prevent unauthorized persons from approaching the spoil bank.

10.4 No person shall, or shall be permitted to approach the toe of an active spoil bank where he may be endangered from material rolling down the face.

11.1 ADDITIONAL DUTIES ENGINEER IN CHARGE OF MACHINES AND VEHICLES IN OPENCAST WORKINGS:

11.2 During each shift the machines and vehicles at work shall be placed under the charge of qualified and experienced Engineer to effect inspection, examination, safe operations and maintenance of the machines and vehicles. During his shift the competent shall;

- (a) inspect, examine machines, equipments and vehicles satisfy himself that they are in sound and safe working order;
- (b) not allow any machine and vehicles to be used, if it is found defective;
- (c) ensure that every machines and vehicles used is in a safe and efficient order;
- (d) ensure that each operation, activity is carried on in safe and efficient manner.

12.0 Precautions while Drilling:

12.1 The position of every shot - hole to be drilled shall be distinctly marked by the mine Foremen so as to be readily seen by the drillers.

12.2 No person shall be permitted to remain within a radius of 20m or within 60m on the same bench where charging of holes with explosives is being carried out.

13.0 Transport of Explosives:

13.1 Where explosives are transported in bulk, the following precautions shall be taken:

13.1.1 Transport of explosives from the magazine to the priming station or the site of blasting shall not be done except in original wooden or cardboard packing cases. The quantity of explosive transported at one time to the site of blasting shall not exceed the actual quantity required for use in one round of shots. Explosives shall be transported to the site of blasting not more than 90 minutes before the commencement of charging of the holes.

13.1.2 No mechanically propelled vehicle shall be used for the transport of explosives unless it is of a type approved in writing by the Chief Inspector.

13.1.3 Every vehicle used for transportation of explosive shall be marked or placarded on both sides and ends with the word 'Explosives' in white letters not less than 15 cm high on a red background.

13.1.4 Every mechanically propelled vehicle transporting explosives shall be provided with not less than two fire extinguishers (one of carbon tetrachloride type for petroleum fire and the other of carbon dioxide under pressure type for electrical fire) suitably placed for convenient use.

13.1.5 The vehicle used for transport of explosives shall not be overloaded and in no case shall the explosive cases be piled higher than the sides of its body.

13.1.6 Explosives and detonators shall not be transported in the same vehicle, at the same time.

13.1.7 No persons other than the driver and his helper shall ride on a mechanically propelled vehicle used for transport of explosives.

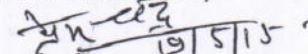
13.1.8 A vehicle loaded with explosive shall not be left unattended.

First Class without deep hole

15.0 MISCELLANEOUS:

- 15.1 Tractor-trailer combination shall normally not be allowed on haul roads. (Where inevitable, only four wheeler trailers with separate brakes of their own shall be used.
- 15.2 Trucks, tippers and other heavy vehicles, not belonging to management shall not be allowed in the mine premises without a valid pass issued by the competent authority of the mine. Before the pass is issued the mine engineer/competent person shall check the roadworthiness of such vehicle. In order to check the entry of such vehicle in the mine premises, properly manned check gate shall be provided at the mine entrance where the record of entry & exit of each vehicle shall be maintained. At the check gate the license of the drivers shall also be checked for eliminating the possibility of unlicensed persons driving the vehicle.
- 15.3 Persons engaged in surface operation and in particular, the contractor's workers shall be provided closer and competent supervision.
- 15.4 All persons engaged at any work within the mine premises through the contractors shall be provided with relevant training and other job related briefings and it shall be ensured that the drivers of the vehicle belonging to contractors entering the mine premises have additionally been explained the salient provisions of "Traffic Rules".
- 15.5 Each and every operation, including the operation carried out through contractor's worker or by outside agency, shall be placed under the charge of a competent supervisor, duly appointed and authorized by the manager.
- 15.6 Manager shall frame Safe Operating Procedure (SOP) for each operation/equipment and copy of it shall be handed over to all concerned. It shall be the duty of all statutory persons to enforce the SOPs so framed.
- 15.6.1 In case of "Dimensional Mining", Manager shall also frame safe operating procedure for use of Derrick Crane, Mobile Crane, Wire-Saw, use of expansion chemical/mortar along with use of excavators for handling of granite blocks and the copies of the same shall be handed over to all concerned including all statutory persons for enforcement
- 15.7 All the precautions and directives given in DGMS circulars issued from time to time shall be compiled with.
- 15.8 The Owner, Agent and Manager shall ensure that the aforesaid conditions are made known to all concerned. They shall also ensure that every such person has fully understood the same and complies with them.
- 15.9 Please note that the above governing conditions are subject to the following additional conditions:
- 15.9.1. In the event of any change in the circumstances connected with the use of HEMMs which is likely to endanger the life of workmen employed in the mine, operations for which these conditions have been imposed shall be stopped forthwith and intimation thereof shall be sent to this Directorate. The said mining operation shall not be resumed without an express and fresh authority to that effect in writing from this Directorate.
- 15.9.2. These governing conditions may be amended or withdrawn at any time should it be considered necessary in the interest of safety.
- 15.9.3 These governing conditions are being issued specifically under the regulations mentioned above and without prejudice to any other provision of law, which may be or may become applicable at any time.

आपका विश्वसनीय,


(पी.सी. रजक)

खान सुरक्षा निदेशक,

बेंगलुरु क्षेत्र, द.अं.



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, ब्लाक सी-2, तीसरी मंजिल | Kendriya Bhavan, Block C-2, 3rd Floor

CSEZ पी.ओ. कक्कनाड कोच्ची | CSEZ PO Kakkanad Dist. Ernakulam Ernakulam 682037

फोन (Phone):- 2427286 | फैक्स (Fax):- 2427276

ई-मेल Email: dyccecochin@explosives.gov.in

संख्या (No.): E/SC/KL/22/7(E8513)

दिनांक (Date): 06/03/2025

सेवा में | To,

Manager Director Shri K.N.MADHUSOODHANAN,
M/s. Mavanal Granites Pvt.Ltd., Sreenikethan, Kalanjoor Village, Town/Village - Kalanjoor
District-PATHANAMTHITTA, State-Kerala, Pincode - 689649

विषय: Survey No(s).901/1F, ग्राम Kalajoor ,Adoor taluk, जिला PATHANAMTHITTA, राज्य Kerala में विस्फोटक के मैगजीन में उपयोग के लिए कब्जा हेतु विस्फोटक नियम, 2008 के अंतर्गत LE-3 में जारी अनुज्ञप्ति सं E/SC/KL/22/7(E8513) के नवीनीकरण संदर्भ में।

Subject: Possession for Use of of Explosives from magazine situated at Survey No(s).901/1F, Kalajoor ,Adoor taluk, Dist. PATHANAMTHITTA, Kerala -Licence No.: E/SC/KL/22/7(E8513) granted in Form LE-3 of Explosives Rules, 2008 - Renewal regarding

महोदय | Sir,

आपका उपर्युक्त विषय पर पत्र संख्या 146278 दिनांक 03/03/2025 का संदर्भ ग्रहण करें। विस्फोटक नियम, 2008 के अंतर्गत प्ररूप LE-3 में जारी अनुज्ञप्ति दिनांक 31/3/2030 तक नवीनीकृत कर इस पत्र के साथ भेजी जा रही है।

Reference to your letter No.: 146278 dated: 03/03/2025, the subject licence duly renewed upto 31/3/2030 and issued in Form LE-3 of Explosives Rules, 2008 is forwarded herewith.

अनुज्ञप्ति के आगामी नवीकरण हेतु कृपया निम्नलिखित दस्तावेज दिनांक 31/03/ 2030 से पहले इस कार्यालय को भेजे जाए

For further renewal of licence, please submit the following documents so as to reach this office on or before 31/3/2030.

- प्ररूप आरई-1 में विधिवत पूर्ण एवं हस्ताक्षरित आवेदन।
Application in Form RE-1 duly filled in and signed.
- एक से पाँच वर्ष के अनुज्ञप्ति शुल्को का, विस्फोटक नियम, 2008 के तहत ऑनलाइन आवेदन पोर्टल पर उपलब्ध ई-भुगतान सुविधा के माध्यम से लाइसेंस 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 अनुज्ञप्ति।
Original licence with approved plan.
- कृपया इस संबंध में विस्फोटक नियम, 2008 के नियम 112 का भी संदर्भ ग्रहण करें।
In this connection, please also refer to Rule 112 of Explosives Rules, 2008.
- विस्फोटकों के क्रय हेतु आरई-11 में मांगपत्र (इंडेंट) 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 त्रैमासिक 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.

भवदीय | Your's faithfully

(दीपक कुमार | Deepak Kumar)

विस्फोटक नियंत्रक | Controller of Explosives

कृते उप मुख्य विस्फोटक नियंत्रक | For Dy. Chief Controller of Explosives

कोच्ची | Ernakulam

प्रतिलिपि प्रेषित | Copy Forwarded to:

1. जिला मजिस्ट्रेट (District Magistrate), PATHANAMTHITTA (Kerala)- सूचना के लिए (for information.)

कृते उप मुख्य विस्फोटक नियंत्रक | For The Dy. Chief Controller of Explosives,

कोच्ची | Ernakulam

(अधिक 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>)

Note :- This is system generated document does not require physical signature. Applicant may take printout for their records.

No. C7-848/2016

Collectorate, Pathanamthitta

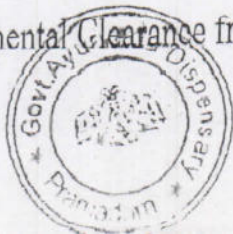
Dated: 26-01-2016

No Objection Certificate

Sri.K.N.Madhusoodanan, Managing Director, M/sMavanalGranites (P) Ltd, Registration No.09-05805/1990 , Sreenikethan , Kalanjoor, Pathanamthitta has requested for No Objection Certificate for renewing the quarrying lease for an extent of **01.1908** hrs of Govt. poramboke land comprised in Resurvey No. **288/1** of Block No. **32** of Koodal Village in Konni Taluk . The Tahsildar Konni vide his Report No. **C4-22816/15** dated **31.12.2015** has recommended to grant No Objection Certificate for quarrying rock from the poramboke land of **01.1908** Hrs comprised in Resurvey No. **288/1** of Block No. **32** of Koodal Village in Konni Taluk.

In the above circumstances, it is certified that there is no objection to run quarrying operations for an extent of **01.1908** Hrs of para poramboke land comprised in Re-survey No. **288/1** of Block No. **32** of Koodal Village in Konni Taluk for a period of **Twelve** years from the date of issuing of quarrying lease under Kerala Mines and Mineral Concession Rules 1967 and Amendment Rules 2015 to Sri. K.N. Madhusoodanan , Managing Director, M/s Mavanal Granites (P) Ltd, Registration No.09-05805/1990 , Sreenikethan , Kalanjoor, Pathanamthitta as per the survey plan appended and subject to the following terms and conditions.

1. Environmental Clearance under EIA Notification 2006 should be submitted to this office on receipt of the same.
2. The orders, rules and regulations issued till date and may be issued in future by the Government of India, Government of Kerala, Various Courts and this office should be complied with.
3. The royalty, lease amount, license fee, cost of rock and other charges fixed by the competent authorities in time to time should be remitted to Government without raising any objection.
4. Facilities may be given to the RDO, Tahsildar and the Village Officer for inspecting the quarry periodically. The protection of the adjacent poramboke lands should be ensured. The RDO on 1st of April of every year and the Tahsildar, on 1st of October of every year should submit detailed report about the quarry after proper site inspection.
5. The quarrying operations can be started only after getting permit from the Mining and Geology Department, Pollution Control Board Consent, D&O License from Kalanjoor Grama Panchayat, Environmental Clearance from SEIAA and other relevant license from the competent authorities.



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 Ajayakumar
 Chief Medical Officer N.C
 Reg. No : 5035-A
 Govt. Ayurveda Dispensary
 Pathanam, Vakayar P.O

6. Any violation of the rules will lead to the cancellation of this certificate and the licenses obtained on the basis of this NOC.
7. Rain water harvesting to collect and utilize the entire water falling in land area should be provided.
8. Environment Monitoring Cell should be formed and made functional.
9. Suitable avenue trees should be planted along either side of the tarred road and open parking areas, if any, inclusive of approach road and internal roads.
10. The project shall be incorporated devices for solar energy generation and utilization whenever possible.
11. Sprinklers shall be installed and used in the project site to contain dust emissions.
12. Barbed metal wire fencing around the mining area shall be provided with a height of not less than 5 feet.
13. Warning alarms indicating the time of blasting has to be arranged as per stipulations of Explosive Department (to be done at specific timings)
14. Access roads to the quarry shall be tarred to contain dust emissions that may arise during transportation of materials.
15. Overburden materials should be managed with in the site and the old quarry if any should be reclaimed and stored. No wet land, paddy land or water bodies shall be filled.
16. Benches should be maintained. Height of benches should not exceed five metres and width should not be less than five metres.
17. Mats to reduce fly rock blast to a maximum of 15 PPV should be provided.
18. Mining depth should not exceed beyond 40 metres, unless and otherwise specified or not below the level of nearest stream bed, which ever is less.
19. Acoustic enclosures should be provided to reduce sound amplifications in additions to the provisions of green belt and hollow brick envelop for crushers so that the noise level is kept within prescribed standards given by the Pollution Control Board.
20. Eco- restoration including the mine closure plan shall be done at their own cost of the NOC holder.



Attested *[Signature]*

Dr. S.S. Aiyaz
Chief Medical Officer
Reg. NO 5035-A
Govt. Ayurveda Dispensary,
Kramadalli, Vakeyal P.O.

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3.

21. Garland draws to be provided in the lower slopes around the core area to channelize storm water.
22. Debris/Silt traps to be provided to prevent entry of dust and quarry wastes entering the main streams.
23. An Eco-restoration plan should be submitted to this office within one month from the date of receipt of this NOC and it should be fully implemented.
24. A Corporate Social Responsibility Plan should be submitted to this office within one month from the date of receipt of this NOC and it should be fully implemented.
25. The stipulations by statutory Authorities under different Acts and Notifications should be complied with, including the provisions of water (Prevention and Control of Pollution) Act 1974, the Air (Prevention and Control of Pollution) Act 1981, the Environment (Protection) Act 1986, the Public Liability (Insurance) Act 1991 and the EIA Notification 2006.
26. The NOC holder should provide an affidavit attested by a Notary who has jurisdiction in this District stamp paper worth of Rupees One hundred, expressing his willingness that all the conditions stipulated in the NOC will be scrupulously followed within ten days on receipt of this order.

This certificate is issued to produce before the Director, Mining and Geology Department, Thiruvananthapuram.



Sd/-

District Collector

✓ Sri. K.N. Madhusoodanan, Managing Director, M/s Mavanal Granites (P) Ltd,
Registration No.09-05805/1990, Sreenikethan, Kalanjoor, Pathanamthitta.

- Copy to: 1. The Director, Mining & Geology Department, Thiruvananthapuram
2. The Member Secretary, State Level Environment Impact Assessment Authority,
Pallimukku, Pettah, Thiruvananthapuram
3. The Revenue Divisional Officer, Adoor
4. The Senior Geologist, Mining and Geology Department, Mini Civil Station, Aranmula,
5. Tahsildar, Konni
6. Secretary Kalanjoor Grama Panchayath,
7. Village Officer, Koodal
8. Stock file C7

Approved for Issue


Deputy Collector (L.R.) I/c

TEST REPORT

ULR No: TC129392500022041F

Page 1 of 1

LRI No.: SEAAL25091379A

Date: 23-09-2025**CUSTOMER DETAILS**

Customer Name & Address	M/s Mavalan Granites Private Limited Kallippara, Nirathupara P.O. Koodal, Pathanamthitta District.
Customer Reference	Test Request date: 15-09-2025

SAMPLE DETAILS

Product Category	Atmospheric Pollution	Sample Code	EN25090417
Sample Name	Ambient Air	Sample Received on	16-09-2025
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	17-09-2025
Sampled by	Lab Authorized Sampler	Test Completed on	22-09-2025

DETAILS OF SAMPLING

Sampling Location	Near Boundary	Date of Sampling	15-09-2025
Sampling Procedure	SEAAL/CHL/SOP/7.3/02	Humidity	70 %

TEST RESULTS-CHEMICAL DISCIPLINE

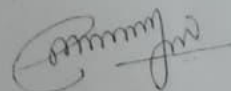
S NO	PARAMETERS	TEST METHOD	UNIT	RESULT	KSPCB LIMIT
1	Particulate matter ,PM ₁₀	IS 5182 (Part 23): 2006	µg/m ³	53.4	100 (Max)
2	Particulate matter ,PM _{2.5}	IS 5182 (Part 24): 2019	µg/m ³	23.6	60 (Max)

Remarks:

End of Report



Shency Joy
 TM - Chemical
 Checked by

Laiju P.N.
 Laboratory Head
 Authorized Signatory

The results are related to the samples tested; This test report shall not be reproduced except in full, without the written approval of the laboratory. Unless requested by the customer; the samples will not be retained for more than 7 days from the date of report.

Standards Environmental & Analytical Laboratories

Accreditation & Certification:

NABL accredited Laboratory as per ISO/IEC 17025:2017 vide Certificate No. TC-12939; ISO 45001:2018 OHSAS certified laboratory.

Approval & Recognition: MoEF recognized Environmental Laboratory; "A" Grade Laboratory approved by KSPCB.

TEST REPORT

ULR No.: TC1293925000022042F

LRI No.: SEAAL25091380A

Date: 23-09-2025

Page 1 of 1

CUSTOMER DETAILS

Customer Name & Address	M/s Mavalan Granites Private Limited Kallippara, Nirathupara P.O Koodal, Pathanamthitta District.
Customer Reference	Test Request date: 15-09-2025

SAMPLE DETAILS

Product Category	Atmospheric Pollution	Sample Code	EN25090418
Sample Name	Ambient Air	Sample Received on	16-09-2025
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	17-09-2025
Sampled by	Lab Authorized Sampler	Test Completed on	22-09-2025

DETAILS OF SAMPLING

Sampling Location	3 m & 10 m away from the stone crusher	Date of Sampling	15-09-2025
Sampling Procedure	SEAAL/CHL/SOP/7.3/02	Humidity	68 %

TEST RESULTS-CHEMICAL DISCIPLINE

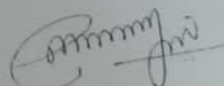
NO	PARAMETERS	TEST METHOD	UNIT	RESULT	KSPCB LIMIT
1	Suspended Particulate Matter	IS 5182 (Part 4): 1999	µg/m ³	98.2	200 (Max)

Remarks:

End of Report



Shency Joy
TM - Chemical
Checked by

Laiju P.N.
Laboratory Head
Authorized Signatory

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Approval & Recognition: MoEF recognized Environmental Laboratory; "A" Grade Laboratory approved by KSPCB.

TEST REPORT

ULR No.: TC1293925000022044F

LRI No.: SEAAAL25091382A

Date: 23-09-2025

Page 1 of 1

CUSTOMER DETAILS

Customer Name & Address	M/s Quarry of Mavalan Granites Private Limited Nirathupara P.O., Koodal Konni, Pathanamthitta District.
Customer Reference	Test Request date: 15-09-2025

SAMPLE DETAILS

Product Category	Atmospheric Pollution	Sample Code	EN25090420
Sample Name	Ambient Air	Sample Received on	16-09-2025
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	17-09-2025
Sampled by	Lab Authorized Sampler	Test Completed on	22-09-2025

DETAILS OF SAMPLING

Sampling Location	Near Boundary	Date of Sampling	15-09-2025
Sampling Procedure	SEAAAL/CHL/SOP/7.3/02	Humidity	70 %

TEST RESULTS-CHEMICAL DISCIPLINE

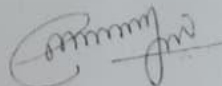
S NO	PARAMETERS	TEST METHOD	UNIT	RESULT	KSPCB LIMIT
1	Particulate matter ,PM ₁₀	IS 5182 (Part 23): 2006	µg/m ³	55.6	100 (Max)
2	Particulate matter ,PM _{2.5}	IS 5182 (Part 24): 2019	µg/m ³	23.9	60 (Max)

Remarks:

End of Report



Shency Joy
TM - Chemical
Checked by

Laju P.N.
Laboratory Head
Authorized Signatory

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Approval & Recognition: MoEF recognized Environmental Laboratory; "A" Grade Laboratory approved by KSPCB.

TEST REPORT

ULR No: TC1293925000022043F

LRI No.: SEAAL25091381A

Date: 23-09-2025

Page 1 of 1

CUSTOMER DETAILS

Customer Name & Address	M/s Mavanal Granites Private Limited Kallippara, Nirathupara P.O Koodal, Pathanamthitta District.
Customer Reference	Test Request date: 15-09-2025

SAMPLE DETAILS

Product Category	Atmospheric Pollution	Sample Code	EN25090419
Sample Name	Noise Level	Monitoring Commenced on	15-09-2025
Test Method	IS 9989:1981	Sampled by	Lab Authorized Sampler
Monitoring Location	1m away from the boundary		

TEST RESULTS-CHEMICAL DISCIPLINE

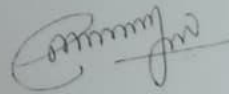
SL NO	SOURCE	UNIT	RESULT	KSPCB LIMIT
1	Ambient Sound Level (Leq) Day Time	dB(A)	53.1	55 (Max)

Remarks:

End of Report



Shency Joy
TM - Chemical
Checked by

Laiju P.N.
Laboratory Head
Authorized Signatory

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Approval & Recognition: MoEF recognized Environmental Laboratory; "A" Grade Laboratory approved by KSPCB.

TEST REPORT

ULR No: TC1293925000022045F

LRI No.: SEAAL25091383A

Date: 23-09-2025

Page 1 of 1

CUSTOMER DETAILS

Customer Name & Address	M/s Quarry of Mavalan Granites Private Limited Nirathupara P.O, Koodal Konni, Pathanamthitta District.
Customer Reference	Test Request date: 15-09-2025

SAMPLE DETAILS

Product Category	Atmospheric Pollution	Sample Code	EN25090421
Sample Name	Noise Level	Monitoring Commenced on	15-09-2025
Test Method	IS 9989:1981	Sampled by	Lab Authorized Sampler
Monitoring Location	1m away from the boundary		

TEST RESULTS-CHEMICAL DISCIPLINE

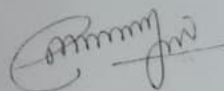
SL NO	SOURCE	UNIT	RESULT	KSPCB LIMIT
1	Ambient Sound Level (Leq) Day Time	dB(A)	53.5	55 (Max)

Remarks:

End of Report



Shency Joy
TM - Chemical
Checked by

Laiju P.N.
Laboratory Head
Authorized Signatory

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