

**HALF YEARLY COMPLIANCE REPORT FOR
GRANITE STONE QUARRY**

File No. 1388/EC2/2019/SEIAA dt 04/08/2020, EC No.69/Q/2020

**BUILDING STONE QUARRY OF
M/s. GIMSAK DEVELOPERS PVT LTD**

Situated At

Re Survey No- 163/1,163/2, (Block No.30)
Alakkod Village, Thodupuzha Taluk
Idukki District, Kerala
for an area of 2.2430hectares

MARCH 2023 – SEPTEMBER 2023

Prepared By

PRiME Technology Services
Planet Resources Management Experts
4D Kalpaka Fort Palace, Changampuzha Park,
Edappaly, Cochin-24
Mail: primetechnologyservices@yahoo.com
Ph: 8089085335

Jilmon John

Managing Director
M/s.Gimsak Developers Pvt.Ltd
27/609,M.G Square, Thodupuzha
Idukki-685 584

To,
The Director MoEF&CC,
Regional Office (South Zone), KendriyaSadan,
IVthfloor , E&F Wing ,17th main Road,
Second Block,Koramangala Banglore .

Respected Sir,

Sub: Half Yearly Compliance Report of Granite Stone Mine Project- March 2023 –
September 2023.

Ref: File No. 1388/EC2/2019/SEIAA dt 04/08/2020, EC No.69/Q/2020

With reference to the above we are submitting Half Yearly Compliance report for the EC order, mentioned above. Also enclosed here, copy of all Licenses from Statutory Bodies and Compliance Monitoring Report.



Place: Idukki

Jilmon John

Date:

(Authorised Signatory)

Copy To,

Member secretary / Chairman

SEIAA Kerala

KSRTC Complex, Thampanoor

Thiruvananthapuram, Kerala

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1. INTRODUCTION

The Granite Building Stone Quarry Project situated at Re Survey No- 163/1,163/2, (Block No.30) in Aalakkod Village, Thodupuzha Taluk, Idukki District, Kerala, for an area of 2.2430 hectares in respect of Mr.Jilmon John

Building Stone Quarry of M/s.Gimsak Developers Pvt Ltd was obtained with the Environmental Clearance (File No. 1388/EC2/2019/SEIAA dated 04/08/2020, EC No.69/Q/2020) by State Environmental Impact Assessment Authority on 04.08.2020. As part of general condition No.27 of Environmental Clearance order and EIA Notification the Half Yearly Compliance Report needs to be submitted by the project proponent.

This report contains the compliance of conditions of Environmental Clearance for the period of March 2023 - September 2023.

COMPLIANCE TO THE CONDITION STIPULATED IN THE ENVIRONMENTAL CLEARANCE ISSUED BY STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY, KERALA.

II.SPECIFIC CONDITIONS

Table 2.Specific Conditions

Sl No	Specific Conditions	Compliance Status
1	The Proponent shall carry out quarrying activities as per the Approved Mining Plan and the proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby	As per the Approved Mining Plan, all quarrying activities will be carried out. We will strictly followed all the Kerala Minor Mineral Concession Rules 2015 and amendments. In future also we will follow the rules as per Approved Mining Plan.
2	In the wake of occurrence of large scale industries in the state, as per the information provided by the Department of Mining & Geology ,it is directed to use only NONEL technology for blasting to reduce the vibration of the ground, which is one of the causative factors that triggers landslides, formation of cracks in the surrounding buildings and disturbance to human and wild life	NONEL technology of blasting will be used for mining. Regular testing and inspection of blasting operations in work zone shall be carried out with respect to noise, fly rock throw, vibration, dust and fume generation. These tests shall be conducted six monthly or whenever new patterns of blasting shall be adopted for rock fragmentation. The blast vibration shall be maintained ensure that the vibration levels area well below the permissible limit of 15mm/sec
3	Permanent labelling of geocodes on boundary pillars shall be done and the same should be photographed	The permanent labelling of geocodes on boundary pillars was done and the photographs of the same attached in the site photographs
4	Garland Canal shall be mapped and silt traps shall be provided at appropriate places.	We constructed Garland drains with silt traps were suitably constructed all along the periphery of the pit area. Garland Drains collect the run-off from the lease area and divert into the desiltation tanks proposed within the complex. The surface runoff from the benches will runs into desiltation tank through the garland channel and then passes through the check dam into the natural drainage. All measures were taken not to disturb the existing drainage pattern adjacent to the other property. Desiltation tank installed for silt removal. Cleaning of Desiltation

		tank were done periodically. Clear water is letting out.
5	Slope Stability measures shall be taken up between BP1,BP8&BP7	Slope Stability Measures implemented. There is a barrier wall along the boundary line BP1-BP8-BP7 the proposed site for its protection. The barrier wall has been maintained for the protection of the site. And also, the there is a road near the BP7-BP8 boundary and it will be used no more and that area planted with deep rooted trees. Additionally proper drainage management and plantation in the buffer zone was maintained.
6	Activities relating to CSR amounting to Rs.16,00,000 shall be carried out leading to protection and promotion of environment including waste management in the project district.As per O.M F.No-22-65/2017-IA-III dated 01/05/2018 of MOEF&CC as directed by director,Directorate of Environment & Climate Change and supervised by District Collector.	As part of inclusive growth of the community, we carried out various activities under CSR and will be followed as per the plan committed. Documentary evidences of CSR attached.
7	As per the directions contained in the OM.F.No.22-34/2018-IA.III dated 16 th January 2020 issued by MOEF&CC in obedience to the directions of the Hon'ble Supreme Court the Project Proponent shall undertake regressing the mining area and other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder,flora,fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.	Already site have a green belt , planted 120no's of trees at the boundary(Safe Buffer zone) This shall be maintained well.Treeslike Mango,Anjili,Teak,Vaka,Bamboo,Passion Fruits,Perumaram were planted.

III.GENERAL CONDITIONS

Table3.General Conditions

Sl No	Conditions	Compliance
General Condition		
1	A separate Environmental Management and monitoring cell with qualified personal should be set up under the control of Senior Executive, who will report directly to the Head of Organisation	To monitor all conditions stipulated in the Environment Clearance and Environment Management Plan, we constituted an Environment Monitoring Cell. The Environmental Management Cell will regularly report to the head of the organization. Environmental monitoring cell was constituted and Implemented their responsibilities as well.
2	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.	Already site have a green belt, planted 120no's of trees at the boundary(Safe Buffer zone) This shall be maintained well. Trees like Mango, Anjili, Teak, Vaka , Bamboo, Passion Fruits, Perumaram were planted
3	Sprinklers shall be installed and used in the project site to contain dust emissions.	Sprinklers of 5no's are available at the site and are using at the time of generating dust from the site and make wet the internal roads daily.
4	Eco-restoration including the mine closure plan shall be done at the own cost of the project proponent.	It is assured that Eco-restoration including the mine closure plan shall be done at the own cost of the project proponent.
5	In view of deep pits leave after the excavation, stacking at maximum top level should be carried out	After the excavation, deep pits stacking at maximum top level will be carried out
6	Tarring/multiple options on the access roads shall be undertaken so as to reduce dust pollution during movement of vehicle.	To reduce dust emissions and for the trouble free transportation of materials, the project proponent has properly surfaced the access road to the quarry site. The project proponent is regularly maintaining the access road in good manner.
7	Overburden materials should be managed within the site and the old quarries, if any, should be reclaimed and restored.	The over burden materials is dumping in area within the site and this area is well protected in by retaining walls to avoid seepage. This will be utilize in the reclamation purpose.
8	Height of benches should not exceed 5m and width should not be less than 5m.	The quarrying activity in the project site is progressing by creating benches of 5m width

		and 5m height. The formation of benches is under the direction and supervision of competent person.
9	Ground level should be fixed in individual cases seperately	Scrupulously follows the directions contained
10	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.
11	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.	Scrupulously follows the directions contained.
12	The workers on the site should be provided with the required protective equipment such as ear muffs, helmet, etc.	We provided adequate Personnel Protective Equipments (PPE) such as helmets, ear muffs, safety belts, glows, etc. to ensure the safety of workers in working site
13	Garland drains with clarifiers to be provided in the lower slopes around the core area to channelize Storm Water.	We are very conscious to prevent all quarry waste to enter in the public drainage or stream. The project proponent has constructed Garland drains with silt traps were suitably constructed all along the periphery of the pit area. Garland Drains collect the run-off from the lease area and divert into the desiltation tanks proposed within the complex. The surface runoff from the benches will runs into desiltation tank through the garland channel and then passes through the check dam into the natural drainage. All measures were taken not to disturb the existing drainage pattern adjacent to the other property. Desiltation tank installed for silt removal. Cleaning of Desiltation tank were done periodically. Clear water is letting out.
14	The transportation of minerals should be done in covered trucks to contain dust emissions.	To avoid dust emission from the vehicle while transportation of materials the project proponent assure that the trucks are covered before leaving the site.
15	The proponent should plant trees at least 5 times of the loss that has been occurred while clearing the land for the project.	This will be considered at the time of mine closure
16	Disposal of spent oil from diesel engines should be as specified under relevant Rules/Regulations.	Shall be disposed through the authorized recyclers

17	Explosives should be stored in magazines in isolated place specified and approved by the Explosives Department.	Magazine keep at an isolated area located at more than 50 m from the mining area
18	A minimum buffer distance of 100m from the boundary of the quarry to the nearest dwelling unit or other structures, not being any facility for mining shall be provided	Maintain the said distance from the mining boundary to the nearest structure
19	50m buffer distance should be maintained from forest boundaries.	Forest area is not there in this locality
20	Consent from Kerala State Pollution Control Board under Water and Air Act(s) should be obtained before initiating activity.	Obtained consent from KSPCB Attached as Annexure 02
21	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.	Obtained <input type="checkbox"/> Quarrying lease <input type="checkbox"/> Consent from Kerala Pollution Control Board <input type="checkbox"/> Environment Clearance from SEIAA <input type="checkbox"/> NOC from Explosive Dept. <input type="checkbox"/> D&O License from the LSGD
22	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Authority.	The company shall abide by the directions of SEIAA Kerala. At present the project is running as per plan submitted in Environmental Impact Assessment Authority, Govt. of India and approved mining plan. There is no change in the scope of the project. The project will seek for a new Environmental clearance in the case of any changes in the scope of the project.
23	The Authority reserves the right to add additional safeguard measures Subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.	The company shall abide by the directions of SEIAA Kerala
24	The stipulations by Statutory Authorities under different Acts and Notifications should be complied with including the provisions of Act, 1974, the Air(Prevention and control of Pollution) act 1981, the Environment (Protection) Act, 1986, the PublicLiability (Insurance) Act, 1991 and EIA Notification, 2006	Strict Compliance is adhered to and is reviewed periodically by the top management. Monitoring reports of air, noise, water attached
25	The project proponent should advertise in at least two local newspapers widely circulated in the	The project was advertised in widely circulated local newspaper in that region.

	<p>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 Environment Impact Assessment Authority (SEIAA) office and may be seen on the website of the Authority at www.environmentalclearance.nic.in. The advertisement should be made within 10 days from the date of receipt of the Clearance letter and a copy of the same signed in all pages should be forwarded to the office of this Authority as confirmation.</p>	
26	<p>Environmental Clearance shall be put on the website of the company by the proponent</p>	<p>Scrupulously follows the directions contained.</p>
27	<p>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. It shall sent to the Regional office of MoEF. Govt. of India and also to the State Environment Impact Assessment Authority Office</p>	<p>The compliance report is being submitted along with the results of monitored data to the State Environmental Impact assessment Authority, Kerala and the Regional Office of MoEF&CC, Bangalore in mail</p>
28	<p>The details of Environmental Clearance should be prominently displayed in a metallic board of 3ft X3ft with green background and yellow letters of Times New Roman font of size of not less than 40. Sign board with extent of lease area and boundaries shall be depicted at the entrance of the quarry, visible to the public.</p>	<p>A display board shows all the details about the project and EC provided at the entrance of the quarry site. The photograph of the same attached in site photos</p>
29	<p>The proponent should provide notarized affidavit (indicating the number and date of Environmental Clearance proceedings) that all the conditions stipulated in the EC shall be scrupulously followed.</p>	<p>An assurance in the form of affidavit was submitted to SEIAA Kerala by the project proponent.</p>

30	<p>No change in mining technology and scope of working should be made without prior approval of the SEIAA, No further expansion or modification in the mine shall be carried out without prior approval of the SEIAA, as applicable.</p>	<p>The conditions of SEIAA are strictly followed</p>
31	<p>The project proponent shall ensure that no natural water course or water resources shall be obstructed due to any mining operations. Necessary safeguard measures to protect the first order streams, if any, originating from the mine lease shall take.</p>	<p>We are very conscious to prevent all quarry waste to enter in the public drainage or stream. The project proponent has constructed Garland drains with silt traps were suitably constructed all along the periphery of the pit area. Garland Drains collect the run-off from the lease area and divert into the desiltation tanks proposed within the complex. The surface runoff from the benches will runs into desiltation tank through the garland channel and then passes through the check dam into the natural drainage. All measures were taken not to disturb the existing drainage pattern adjacent to the other property. Desiltation tank installed for silt removal. Cleaning of Desiltation tank were done periodically. Clear water is letting out.</p>
32	<p>The Top soil, if any, shall temporarily to be stored at earmarked sites, only. For the topsoil shall be used for land reclamation and plantation. The over burden generated during the mining operations shall be stacked at earmarked dump site only. The maximum height of the dumps shall not exceed 8 m 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>The temporarily stored topsoil used only for land reclamation and plantation. It is ensured that the dump site where over burdens are stored should maintained at 45°of slope. To prevent the soil erosion, the top soil and overburden are stacked in designated place within the project site. Only topsoil will be used for plantation. Overburden will be used for landfill and to construct haulage roads in the mining area. The excess will be stored in a designated place as per the direction.</p>
33	<p>Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, mineral and OB dumps to prevent run off of water and flow of sediments directly into the river and other water bodies. The water so collected should be utilizing for watering the mine area. Roads, green belt development etc. The drains shall be</p>	<p>We are very conscious to prevent all quarry waste to enter in the public drainage or stream. The project proponent has constructed Garland drains with silt traps were suitably constructed all along the periphery of the pit area. Garland Drains collect the run-off from the lease area and divert into the desiltation tanks proposed within</p>

	regularly desilted particularly after monsoon and maintained properly.	the complex. The surface runoff from the benches will run into desiltation tank through the garland channel and then passes through the check dam into the natural drainage. All measures were taken not to disturb the existing drainage pattern adjacent to the other property. Desiltation tank installed for silt removal. Cleaning of Desiltation tank were done periodically. Clear water is letting out.
34	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 PM2.5 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.	Effective safeguard measures are adopted in critical areas that are prone to air pollution. The project proponent has placed water sprinklers in critical area to reduce the dust emission. Ambient Air Quality according to the norms of CPCB is followed in loading – unloading points and transfer points.
35	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	There is a regular control on dust emission sources. Water spraying arrangements are properly maintained
36	Measures should be taken for control of noise levels below 85 dBA in work environment.	We taken appropriate steps to reduce the sound by employing possible measures. Measurements of noise levels are taken in the work environment. Noise Monitoring Lab results are attached.
37	The funds earmarked for environmental protection measures and CSR activities should not be diverted for other purpose. Year wise expenditure should be reported to the state Environment Impact Assessment Authority (SEIAA) office.	Scrupulously follows the directions contained. Copy of some receipts of corporate social responsibility are attached.
38	The Regional Office of MOEF&CC Located at Bangalore shall extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data /information /monitoring reports	We will extend all possible cooperation to the officers from regional office of MoEF&CC and can produce all data/information/reports when they are asking for.

39	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	There is no appeal against EC
40	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 the this clearance and attract action under the provisions of Environment (protection)Act,1986	Such a situation never come across. The Condition is noted for compliance
41	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 DEIAA reserves the right to alter /modify the above conditions or stipulate any further conditions in the interest of environment protection.	We are willing to implement the conditions stipulated in the Environment Clearance order. The project can execute all possible measures in the project site for the conservation of environment. The conditions of SEIAA are strictly followed
42	The above conditions shall prevail not withstanding anything to the contrary in consistent ,or simplified, contained in any other permit, license on consent given by other authority for the same project .	We will give priority to the conditions stipulated in the Environment Clearance Order for execution.
43	The Environmental Clearance will be subject to the final order of the courts of the in any pending litigation related to the land or project, in any court of law.	Nil
44	The mining operation shall be restricted to above ground water table and it should not intersectground water table.	The mining operation is alone above ground water table. It should not intersect the ground water table.
45	All vehicles used for transportation and within the mines shall have PUC certificate from authorized pollution talking Centre .washing of all vehicles shall be inside the lease area	As part of reduce air pollution, the project proponent is monitoring the pollution level of all vehicles playing in the project site. This monitoring conducts only in authorized pollution testing center.

46	Project proponent should obtain necessary prior permission of the competent authorities for drawl of requisite quantity of surface water and ground water for the project.	Scrupulously follows the directions contained
47	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 be carried out and reported in the six monthly reports to SEIAA	The report of water quality is given to the SEIAA in every six months
48	Occupational health surveillance program of the workers should be under taken periodically to observe any contractions due to exposure to dust and corrective measures, if needed.	A healthy surveillance program of the workers is controlled periodically

IV. ENVIRONMENTAL MONITORING CELL

Table 4. Environmental Monitoring Cell

Sl No	Name	Designation	
1	Jilmon John	Head of the cell(Proprietor)	Frame policies monitoring the activities
2	Prasad Rao	Foreman	Co-ordinate blasting activities
3	Jose Joseph	Supervisor	Implement the Activities and procedures
4	M/s Prime Technology Services	Environmental Consultant	Provide technical guidance for sound environmental friendly business
5	M/S Standard ^S (MoEF recognized Lab)	Environmental Monitoring Agency	Monitor Ambient Air, Noise, water and soil periodically

ANNEXURES

ANNEXURE 1
ENVIRONMENTAL CLEARANCE



सत्यमेव जयते

Validity expires on 03.08.2025

**PROCEEDINGS OF THE ADMINISTRATOR, STATE
ENVIRONMENT IMPACT ASSESSMENT AUTHORITY,
THIRUVANANTHAPURAM**

(Present: ANIL P. ANTONY)

Sub: SEIAA- Environmental Clearance for building stone quarry in Re Survey Nos 163/1, 163/2 (Block No.30) in Alakkod Village, Thodupuzha Taluk, Idukki District, Kerala by Shri. Jilmon John, Managing Partner, M/s Gimsak Developers Pvt. - Granted – Orders issued.

State Environment Impact Assessment Authority, Kerala

No. 1388/EC2/2019/SEIAA

dated, Thiruvananthapuram 04.08.2020

- Ref: 1. Application received on 26.06.2019 from Sri. Jilmon John, Managing Partner, M/s Gimsak Developers Pvt., 27/609, M.G. Square, Thodupuzha, Idukki, Kerala - 685584,
2. Minutes of the 102nd meeting of SEAC held on 26th & 27th August, 2019.
 3. Minutes of the 103rd meeting of SEAC held on 17th & 18th September, 2019.
 4. Minutes of the 106th SEAC Meeting held on 28th, 29th & 30th November 2019.
 5. Minutes of the 109th SEAC meeting held on 31st January & 1st February, 2020.
 6. Minutes of the 111th SEAC meeting held on 02nd, 03rd & 04th June, 2020.
 7. Minutes of the 104th SEIAA Meeting held on 22nd, 23rd & 24th June 2020.
 8. G.O (Rt.) No.29/2019/Env dt.12.04.2019.

ENVIRONMENTAL CLEARANCE NO. 69/Q/2020

Shri. Jilmon John, Managing Partner, M/s Gimsak Developers Pvt. 27/609, M.G. Square, Thodupuzha, Idukki- 685 584, vide his application dated 26.06.2019, has sought Environmental Clearance under EIA Notification, 2006 for the quarry project in Re Survey Nos 163/1, 163/2 (Block No.30) in Alakkod Village, Thodupuzha Taluk, Idukki District,

Kerala for an area of 2.2430 Ha. The project comes under Category: B & Schedule: 1 (a) of EIA Notification 2006.

2. The proposed project site falls within Latitude $9^{\circ} 50' 57.93''$ N to $9^{\circ} 51' 3.31''$ N to Longitude $76^{\circ} 46' 31.03''$ E to $76^{\circ} 46' 35.06''$ E. The lease area consists of 2.2430 hectares, which is a private land. The proposed project is for quarrying of 60, 000 TPA. The total power requirement is about 2 KW/day, which is drawn from KSEB. The total water requirement for the proposed project has been estimated to be around 10 KLD. Total project cost is Rs. 80,00,000/-. Life of mine is 12 years.

3. The proposal was placed in the 102nd meeting of SEAC held on 26th & 27th August, 2019. The Committee decided to invite the proponent for presentation.

4. The proposal was placed in the 103rd SEAC meeting held on 17th & 18th September, 2019. The RQP made the presentation. The Committee decided to obtain the following documents from the proponent:

1. *In the light of floods in 2018 & 2019, a certificate regarding hazard occurrence in the area from the Soil Conservation Department has to be produced by the proponent.*
2. *Certificate from the Director, Mining & Geology regarding the abandoned and nearby quarries.*
3. *Details of buffer zone*
4. *Drainage map*

The proponent submitted the documents as per the 103rd SEAC meeting on 13.11.2019.

5. The proposal was placed in the 106th SEAC meeting held on 28th, 29th & 30th November 2019. The Committee entrusted Shri. G. Sankar & Dr. S. Sreekumar for field inspection. The Sub Committee visited the site on 8th December 2019.

6. The proposal was 109th SEAC meeting held on 31st January 2020 and 1st February 2020. The Committee accepted the field inspection report and decided to direct the proponent to submit the following documents/details;

- 1) *Permanent labelling of geocodes on boundary pillars is required and the same should be photographed and submitted.*
- 2) *Garland canal map with silt traps provided at the appropriate places.*
- 3) *Slope stability measures taken between BP 1, 8 and 7.*

7. The proponent has submitted the documents sought by 109th SEAC. The proposal was placed in the 111th SEAC meeting held on 02nd, 03rd & 04th June, 2020. The Committee decided to recommend the issuance of EC subject to the following specific condition in addition to the general conditions:

Slope stabilisation measures between BP 1, 7 & 8 have to be followed.

8. The proposal was finally placed in the 104th meeting held on 22nd, 23rd & 24th June 2020. Authority decided to issue EC for a period of 5 years for the quantity mentioned in the approved Mining Plan subject to the following specific conditions in addition to the general conditions.

1. The proponent shall carry out quarrying as per the approved Mining Plan and the proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.

2. In the wake of occurrence of large scale landslides in the state, as per the information provided by the Department of Mining & Geology, it is directed to use only NONEL (Non Electrical) technology for blasting to reduce the vibration of the ground, which is one of the causative factors that triggers landslides, formation of cracks in the surrounding buildings and disturbance to human and wildlife.

3. Permanent labeling of geocodes on boundary pillars shall be done and the same should be photographed.

4. Garland canal shall be mapped and silt traps shall be provided at the appropriate places.

5. Slope stability measures shall be taken up between BP 1, 8 and 7.

6. Activities relating to Corporate Environmental Responsibility amounting to Rs.1,60,000/- shall be carried out leading to protection and promotion of environment including waste management in the project district as per OM F.No.22-65/2017-IA-III dt.01.05.2018 of MoEF& CC as directed by Director, Directorate of Environment & Climate Change and supervised by District Collector.

7. As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEF &CC, in obedience to the directions of the Honourable Supreme Court the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the half yearly compliance report which will be monitored by SEAC at regular intervals.

9. Environmental Clearance as per the EIA Notification 2006 is hereby accorded for the proposed granite building stone quarry project of Shri. Jilmon John, Managing Partner, M/s Gimsak Developers Pvt.Pvt,27/609, M.G. Square, Thodupuzha, Idukki- 685584 Re Survey 163/1, 163/2 (Block No.30) in Alakkod Village, Thodupuzha Taluk, Idukki District, Kerala for an area of 2.2430 hectares for the quantity mentioned in the Mining plan, for a period of

five years subject to the specific conditions in para 8th above, all the environmental impact mitigation and management measures answered to be undertaken by the project proponent in the Form I, EMP, PFR and Mining plan submitted to SEIAA. The assurances and clarifications given by the proponent will be deemed to be a part of these proceedings as if incorporated herein. Also the general conditions for projects stipulated for mining (items 1 to 48), appended hereto will be applicable and have to be strictly adhered to.

9. The Clearance issued will also be subject to full and effective implementation of all the undertakings given in the application form, mitigation measures as assured in the Environment Management Plan and the mining features including progressive mine closure plan as submitted with the application and relied on for grant of this clearance. The above undertakings and the conditions and the undertakings in Chapter 4 (Mining), Chapter 5 (Blasting), Chapter 6 (Mines Drainage), Chapter 7 (Stacking of Mineral rejects and Disposal of waste) Chapter 11 (Environment Management Plan) & Chapter 12 (Progressive Mine Closure Plan) of the Mining Plan as submitted will be deemed to be part of this proceedings as conditions as undertaken by the proponent, as if incorporated herein.

10. Validity of the Environmental Clearance will be five years from the date of this clearance, subject to inspection by SEIAA on annual basis and compliance of the conditions, subject to earlier review of E.C in case of violation or non-compliance of conditions or genuine complaints from residents within the security area of the quarry.


11. Compliance of the conditions herein will be monitored by the State Environment Impact Assessment Authority or its authorised offices and also by the regional office of the Ministry of Environment & Forests, Govt. of India, Bangalore.

12. Necessary assistance for entry and inspection should be provided by the project proponent and those who are engaged or entrusted by him to the staff for inspection or monitoring.

13. Instances of violation if any shall be reported to the District Collector, Idukki.

14. The Half Yearly Compliance Report (HYCRs) with its contents, covering letter, compliance report and environmental monitoring data have to be in PDF format merged into a single document. The email should clearly mention the name of the project, EC No and date, period of submission and be sent to the Regional Office of MoEF & CC by email only at email ID rosz.bng-mefcc@gov.in . Hardcopy of HYCRs shall not be acceptable.

15. The given address for correspondence with the authorised signatory of the project is Sri. Jilmon John, Managing Partner, M/s Gimsak Developers Pvt.Pvt,27/609, M.G. Square, Thodupuzha, Idukki- 685584


ANIL P. ANTONY
Administrator, SEIAA

To,

RMS ✓
Shri. Jilmon John,
M/s Gimsak Developers Pvt. Ltd,
M.G. Square,
Thodupuzha, Idukki District,
Kerala-685 584

Copy to,

1. MoEF Regional Office, Southern Zone, Kendriya Sadan, 4th Floor, E&F Wing, II Block, Koramangala, Bangalore-560034.(through e-mail: ros.z.bng-mefcc@gov.in)
2. The Principal 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, Idukki
5. The Director, Mining & Geology, Thiruvananthapuram -4.
6. The Member Secretary, Kerala State Pollution Control Board
7. The District Geologist, Idukki
8. The Tahsildhar, Thodupuzha Taluk, Idukki District
9. The Secretary Alakkod Grama panchayath, Thodupuzha Taluk, Idukki
10. The Chairman, SEIAA.
11. Website.
12. S/f
13. O/c





STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY KERALA
GENERAL CONDITIONS (for mining projects)

1. A separate environmental management and monitoring cell with qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
2. 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.
3. Sprinklers shall be installed and used in the project site to contain dust emissions.
4. Eco-restoration including the mine closure plan shall be done at the own cost of the project proponent.
5. In view of the deep pits left after the excavation, stacking at maximum top level should be carried out.
6. Corporate Environment Responsibility agreed upon by the proponent should be implemented.
7. The project proponent shall comply the conditions stipulated by the statutory authorities concerned.
8. Tarring /multiple options on the access roads shall be undertaken so as to reduce dust pollution during movement of vehicle.
9. Overburden materials should be managed within the site and used for reclamation of mine pit as per mine closure plan / specific conditions.
10. 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.
11. Ground level should be fixed in individual cases separately
12. No mining operations should be carried out at places having a slope greater than 45°.
13. 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. This condition is applicable only in such cases if a crusher is adjacent to the quarry.
14. The workers on the site should be provided with the required protective equipment such as ear muffs, helmet, etc.
15. Garland drains with clarifiers to be provided in the lower slopes around the core area to channelize storm water.
16. The transportation of minerals should be done in covered trucks to contain dust emissions. The proponent should plant trees at least 5 times of the loss that has been occurred while clearing the land for the project. SEAC should assess the number of trees in each project site before the issuance of EC so as to ensure the promptness in planting.
17. Explosives should be stored in magazines in isolated place specified and approved by the Explosives Department.
18. A minimum buffer distance of 100m from the boundary of the quarry to the nearest dwelling unit or other structures, not being any facility for mining shall be provided.
19. 50 m buffer distance should be maintained from forest boundaries.
20. Consent from Kerala State Pollution Control Board under Water and Air Act(s) should be obtained before initiating mining activity.
21. 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.
22. 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.
23. The Authority reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.
24. 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.

25. 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 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.
26. The Environmental Clearance shall be put on the website of the company by the proponent.
27. Proponent shall submit half yearly reports in soft copy and SEIAA will upload it on the website.
28. 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 of lease area and boundaries shall be depicted at the entrance of the quarry, visible to the public
29. 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.
30. 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.
31. The Project proponent shall ensure that no natural water course and/or water resources shall be obstructed due to any mining operations. Necessary safeguard measures to protect the first order streams, if any, originating from the mine lease shall be taken.
32. 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 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 45⁰. 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.
33. Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, mineral and OB dumps to prevent run off of water and flow of sediments directly into the river and other water bodies. The water so collected should be utilized for watering the mine area, roads, green belt development etc. The drains shall be regularly desilted particularly after monsoon and maintained properly.
34. 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.
35. 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.
36. Measures should be taken for control of noise levels below 85 dBA in the work environment.
37. The funds earmarked for environmental protection measures and CER activate should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the State Environment Impact Assessment Authority (SEIAA) office.
38. 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.
39. 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.
40. Concealing the factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
41. 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.

42. The above conditions shall prevail notwithstanding anything to the contrary, in consistent, or simplified, contained in any other permit, license on consent given by any other authority for the same project.
43. 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.
44. The mining operation shall be restricted to above ground water table and it should not intersect ground water table.
45. 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'
46. 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.
47. 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 be carried out and reported in the six monthly reports to SEIAA.
48. Occupational health surveillance program of the workers should be under taken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.

Administrator, SEIAA





सत्यमेव जयते

**PROCEEDINGS OF THE ADMINISTRATOR, STATE
ENVIRONMENT IMPACT ASSESSMENT AUTHORITY,
THIRUVANANTHAPURAM**

(Present: ANIL P. ANTONY)

Sub: SEIAA- Environmental Clearance issued for building stone quarry in Re Survey Nos 163/1, 163/2 (Block No. 30) in Alakkod Village, Thodupuzha Taluk, Idukki District, Kerala by Shri. Jilmon John, Managing Director, M/s Gimsak Developers Pvt. Ltd – Granted Erratum – Orders issued.

STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

No. 1388/EC2/2019/SEIAA

dated, Thiruvananthapuram 16.09.2020

- Ref: 1. Environmental Clearance No. 69/Q/2020 issued to Mr Jilmon John M/s Gimsak Developers Pvt. Ltd as per proceeding No. 1388/EC2/2019/SEIAA dated 04.08.2020.
2. Request letter from Mr Jilmon John, Managing Director, M/s Gimsak Developers Pvt., Ltd 27/609, M.G. Square, Thodupuzha, Idukki.

ERRATUM

1. Environmental Clearance was issued to Sri. Jilmon John, Managing Director, M/s Gimsak Developers Pvt. Ltd 27/609, M.G. Square, Thodupuzha, Idukki- 685 584 for the quarry project in Re Survey Nos 163/1, 163/2 (Block No.30) in Alakkod Village, Thodupuzha Taluk, Idukki District, Kerala for an area of 2.2430 Ha. as per orders read first above based on the decision of 104th meeting held on 22nd, 23rd & 24th June 2020.
2. The proponent, in his representation read as 2nd paper above has requested to correct the errors regarding the designation of the proponent and the company name given in the EC issued *ie.*, Managing Director instead of Managing partner and to add "Ltd" to the name of the company.



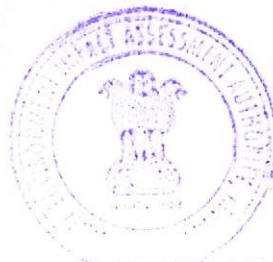
3. The request was examined and it is found that the designation of the proponent has been erroneously mentioned as Managing Partner instead of Managing Director and the suffix "Ltd" has been omitted in the address. In the above circumstances order is issued changing the designation of the proponent Shri. Jilmon John as Managing Director wherever it is mentioned as managing partner in the EC issued and adding "Ltd" to the address of the company M/s Gimsak Developers Pvt. Ltd, where ever it has been omitted in the EC. The proponent shall follow the terms and conditions in the EC already issued.
4. The proceedings read as paper (8) above stands modified to the above extent.


ANIL P. ANTONY

Administrator, SEIAA

To,

Rms ✓
Shri. Jilmon John,
Managing Director
M/s Gimsak Developers Pvt. Ltd,
27/609, M.G. Square,
Thodupuzha, Idukki District,
Kerala-685 584



Copy to,

1. MoEF Regional Office, Southern Zone, Kendriya Sadan, 4th Floor, E&F Wing, II Block, Koramangala, Bangalore-560034.(through e-mail: rosz.bng-mefcc@gov.in)
2. The Principal 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, Idukki
5. The Director, Mining & Geology, Thiruvananthapuram -4.
6. The Member Secretary, Kerala State Pollution Control Board
7. The District Geologist, Idukki
8. The Tahsildhar, Thodupuzha Taluk, Idukki District
9. The Secretary Alakkod Grama panchayath, Thodupuzha Taluk. Idukki
10. The Chairman, SEIAA.
11. Website.
12. S/f
13. O/c

ANNEXURE 2
KSPCB CONSENT

FILE NO : PCB/IDK/ICO/R20IDU677511/2020

Date of issue : 25/09/2020



KERALA STATE POLLUTION CONTROL BOARD

CONSENT TO

OPERATE/AUTHORISATION/REGISTRATION

ISSUED UNDER

The Water (Prevention & Control of Pollution) Act, 1974

The Air (Prevention & Control of Pollution) Act, 1981

and

The Environment (Protection) Act, 1986

As per Application No. :13825204

Dated:23-09-2020

TO

M/s GIMSAK DEVELOPERS PVT LTD

ANCHIRI P.O

THALAYANADU

THODUPUZHA

IDUKKI

Consent No. :R20IDU-ICO-677511

Valid Upto :31/07/2025

1. GENERAL

1.1. This integrated consent is granted subject to the power of the Board to withdraw consent, review and make variation in or revoke all or any of the conditions as the Board deems fit.

1	VALIDITY	31/07/2025
2	Name and Address of the establishment	GIMSAK DEVELOPERS PVT LTD ANCHIRI P.O THALAYANADU 685585
3	Communication	Telephone :91-9961456035 Fax :- E-mail:gimsakdpltd@gmail.com
4	Occupier Details	JILMON JOHN MADATHIL HOUSE MANAKAD P.O THODUPUZHA
5	Local Body	ALAKODE GRAMAPANCHAYATH
6	Survey Number	163/1,163/2
7	Village	ALAKODE
8	Taluk	THODUPUZHA
9	District	IDUKKI
10	Capital Investment(Rs in Lakhs)	80 lakh
11	Scale	Small
12	Category	RED
13	Annual fee(Rs)	RS.22000/-
	Total Fee remitted(Rs)	RS.143000/-
14	RAW MATERIAL	PRODUCTS
		ROCK AGGREGATES @60000 TPA
15	Total Power Required (HP)	263HP(compressor-116HP, Excavator-147 HP)

2. CONDITIONS AS PER

The Water(Prevention and Control of Pollution)Act, 1974

- 2.1 In case of generation of trade effluent from the industry, effluent treatment system consisting of treatment units having adequate capacity established as per the Integrated Consent to Establish issued shall be operational at all times during which the industry is functional. Additional facilities required, if any, to achieve the standards laid down by the Board u/s 17(1) (g) of the Water Act shall also be made along with.
- 2.2 Water consumption: 10000LPD
- 2.3 Effluent generation:
- 2.4 The characteristics of effluent after treatment shall conform to the following tolerance limits:

SL.NO.	Characteristics	Unit	Tolerance Limit	
			Sewage	Trade Effluent

2.5 Mode of disposal of treated effluent: SOAK PIT

3. CONDITIONS AS PER

The Air(Prevention and Control of Pollution)Act, 1981

3.1 Adequate air pollution control measures shall be operational at all times during the functioning of the industry. Additional facilities required, if any, to achieve the standards laid down by the Board shall also be made along with.

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

3.2 Emission characteristics shall not exceed the following:

Sl.No.	Parameter	Limiting Standards (mg/Nm3)
--------	-----------	-----------------------------

4. CONDITIONS AS PER

The Environment (Protection) Act, 1986.

4.1 The operation of the industry shall be strictly in compliance with the provisions of the Noise Pollution (Regulation and Control) Rules 2000.

4.2 Used lead acid batteries shall be disposed of as per the Batteries (Management and Handling) Rules, 2001

4.3 Hazardous waste generated, if any, shall be handled as per the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.

4.3.1 Activities for which Authorisation is granted

Collection		transport	
Reception		Storage	
Treatment		Reprocessing/Disposal	

4.3.2 Type, quantity and mode of storage/collection/disposal of hazardous wastes shall be as follows:

Sl.No.	Hazardous Waste	Schedule Category	Quantity Tonne/year
--------	-----------------	-------------------	---------------------

Mode of	
Storage	Disposal

4.4 E-waste shall be disposed off safely as per the E-Waste (Management)Rules, 2016.

5. SPECIFIC CONDITIONS

- 5.1. This consent, unless withdrawn earlier is valid up to the validity of permit/lease issued by the Department of Mining and Geology or 31.07.2025. In case of operation of the quarry is to be continued thereafter, application in the prescribed form shall be submitted through the web portal of the Board for Online Consent Management & Monitoring System on or before 31.05.2025. Late application will be accepted with a fine or late fee as applicable.
- 5.2 This consent is granted for operating quarry with production capacity of 60000 TPA granite boulders.
- 5.3 The consent issued from the board is only with respect to the powers vested under the water Act 1974 Air Act 1981 and the Rules there under. The operation of the unit shall be commenced only after obtaining clearances from all concerned Authorities.
- 5.4 The applicant shall comply with the instructions that the Board may issue from time to time regarding prevention and control of air, water, land and sound pollution.
- 5.5 A minimum distance of at least 200m shall be kept from the boundary of quarry area to residential buildings, places of worship, public buildings, public road having vehicular traffic, river or lake, railway line and bridges.
- 5.6 All control measures provided should be maintained properly to ensure that the system is adequate to control the pollution caused.
- 5.7 The quarry should not be operated between 6.00 pm and 6.00am.
- 5.8 Necessary permission from Mining & Geology, Explosive Department may be obtained before doing blasting.
- 5.9 After excavation at the site is completed the land may be used for rain water harvesting with protective barriers/any other suitable approved purpose or may be reclaimed.
- 5.10 Fencing shall be provided around the boundary of quarry operation and shall be maintained properly.
- 5.11 The PM10 in ambient air at the boundary shall not exceed 100 µg/m³.
- 5.12 The PM2.5 in ambient air at the boundary shall not exceed 60 µg/m³.
- 5.13 The sound level (Leq) at 1m outside the boundary of the site should not exceed the ambient noise standard applicable to the adjoining areas.
- 5.14 The consent issued from the Board shall be valid only for a period when all other statutory or necessary clearance from other concerned authorities are valid.
- 5.15 No other machineries shall be operated without prior Consent of the Board.
- 5.16 The validity of this Consent is subject to subsequent Government Orders & directions/judgement of Honourable High Court and National Green Tribunal.
- 5.17 The location of the quarry unit shall be as shown in the drawing attached and no change, deviation or alteration that may affect the environment, extend and location of the quarry shall be made.
- 5.18 Fugitive emission from the premises shall be suppressed.
- 5.19 Products shall be transported with proper cover and/ or after wetting to prevent spreading of dust.
- 5.20 All the conditions stipulated in the Environmental clearance No.69/Q/2020 shall be fully complied with during operation of the quarry.

DATE :25/09/2020

Digitally signed by EBY
VARGHESE
Date: 2020.09.26 11:00:41
+05'30'

EBY VARGHESE
SIGNATURE & SEAL OF ISSUING AUTHORITY
ENVIRONMENTAL ENGINEER, D.O- IDUKKI



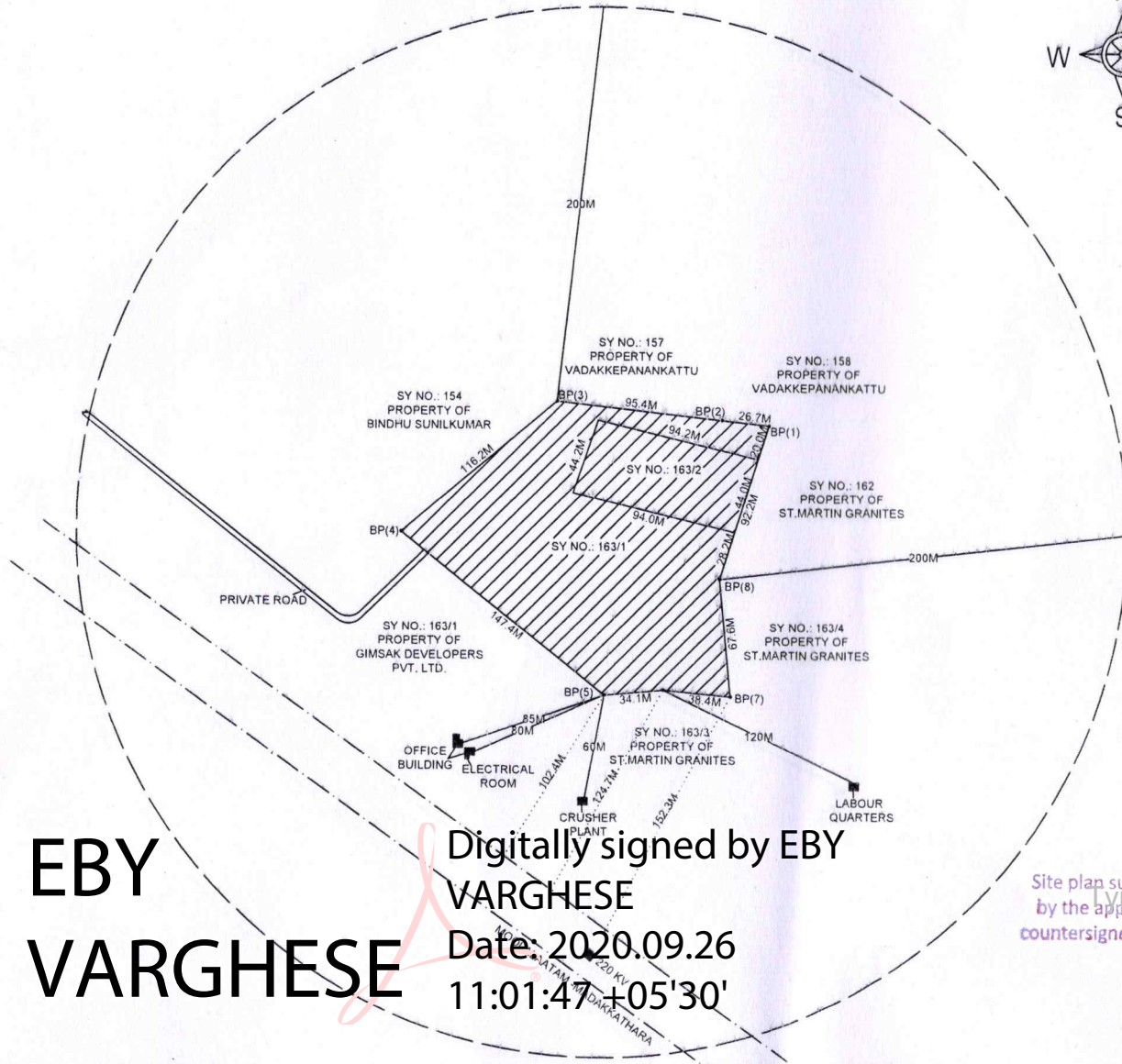
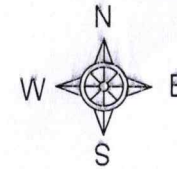
To

JILMON JOHN
MADATHIL HOUSE
MANAKAD P.O
THODUPUZHA

- 1. This digitally signed document is legally valid as per the Information Technology Act 2000**
2. For verifying this document please go to krocmmms.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.

DATE:
17-08-2020

200M RADIUS SITE PLAN FOR GIMSAK DEVELOPERS PVT.LTD. AT AALAKKOD, THODUPUZHA ,IDUKKI DISTRICT



**EBY
VARGHESE**

Digitally signed by EBY
VARGHESE

Date: 2020.09.26
11:01:47 +05'30'

Site plan submitted
by the applicant is
countersigned as such

AREA STATEMENT	
DISTRICT	: IDUKKI
TALUK	: THODUPUZHA
VILLAGE	: AALAKKOD
MUNICIPALITY	: THODUPUZHA
BLOCK NO.	: 30
SURVEY NO.	: 163/1, 163/2
BUILT-UP AREA	: 2.243 H
ADDRESS OF OWNER	
Mr. JILMON JOHN MANAGING DIRECTOR GIMSAK DEVELOPERS PVT. LTD. AALAKKOD THODUPUZHA IDUKKI DISTRICT	
SIGN.....	
ENGINEER/LICENSEE	
 HARILAL K. Registered Supervisor B Reg. No. C3/23774/01/2985/SB Department of Urban Affairs, Kerala	
SIGN.....	



KERALA STATE POLLUTION CONTROL BOARD

FILE NO. :PCB/IDK/ICO/R20IDU677511/2020

Date of issue :2020-12-07

CONSENT VARIATION ORDER

Consent No : R20IDU-ICO-VARIA-677511

Ref : R20IDU-ICO-677511(25.09.2020-31.07.2025)

The ' Integrated Consent to Operate' issued as per reference above to M/s GIMSAK DEVELOPERS PVT LTD, ANCHIRI P.O, THALAYANADU-685585 is hereby modified & issued to M/s GIMSAK DEVELOPERS PVT LTD, 27/609, MG SQUARE, THODUPUZHA, IDUKKI 685584 The consent(s)/ variation order(s) cited under reference are integral part of this consent variation order and this order is subject to the conditions stipulated therein and the following modifications/ additions.

I. GENERAL

S.No.	Items	Description
1	VALIDITY	31.07.2025
2	CAPITAL INVESTMENT	80 LAKH
3	SURVEY NUMBER	Re.Sy No. 163/1,163/2
4	OCCUPIER DETAILS	JILMON JOHN MANAGING DIRECTOR GIMSAK DEVELOPERS PVT LTD 27/609 MG SQUARE THODUPUZHA
5	TALUK	THODUPUZHA
6	FEE REMITTED	RS. 2200/-
7	ADDRESS OF QUARRY	GIMSAK DEVELOPERS PVT LTD, 27/609 MG SQUARE THODUPUZHA IDUKKI 685584
8	CATEGORY	RED
9	SCALE	SMALL
10	BLOCK NUMBER	30
11	TOTAL POWER	263HP(compressor-116HP, Excavator-147 HP)

12	ANNUAL FEE	RS. 22000/-
13	WATER CONSUMPTION	10000 LPD

II. CONDITIONS

- 5.1. This consent, unless withdrawn earlier is valid up to the validity of permit/lease issued by the Department of Mining and Geology or 31.07.2025. In case of operation of the quarry is to be continued thereafter, application in the prescribed form shall be submitted through the web portal of the Board for Online Consent Management & Monitoring System on or before 31.05.2025. Late application will be accepted with a fine or late fee as applicable.
- 5.2 This consent is granted for operating quarry with production capacity of 60000 TPA granite boulders.
- 5.3 The consent issued from the board is only with respect to the powers vested under the water Act 1974 Air Act 1981 and the Rules there under. The operation of the unit shall be commenced only after obtaining clearances from all concerned Authorities.
- 5.4 The applicant shall comply with the instructions that the Board may issue from time to time regarding prevention and control of air, water, land and sound pollution.
- 5.5 A minimum distance of at least 200m shall be kept from the boundary of quarry area to residential buildings, places of worship, public buildings, public road having vehicular traffic, river or lake, railway line and bridges.
- 5.6 All control measures provided should be maintained properly to ensure that the system is adequate to control the pollution caused.
- 5.7 The quarry should not be operated between 6.00 pm and 6.00am.
- 5.8 Necessary permission from Mining & Geology, Explosive Department may be obtained before doing blasting.
- 5.9 After excavation at the site is completed the land may be used for rain water harvesting with protective barriers/any other suitable approved purpose or may be reclaimed.
- 5.10 Fencing shall be provided around the boundary of quarry operation and shall be maintained properly.
- 5.11 The PM10 in ambient air at the boundary shall not exceed 100 µg/m³.
- 5.12 The PM2.5 in ambient air at the boundary shall not exceed 60 µg/m³.
- 5.13 The sound level (Leq) at 1m outside the boundary of the site should not exceed the ambient noise standard applicable to the adjoining areas.
- 5.14 The consent issued from the Board shall be valid only for a period when all other statutory or necessary clearance from other concerned authorities are valid.
- 5.15 No other machineries shall be operated without prior Consent of the Board.
- 5.16 The validity of this Consent is subject to subsequent Government Orders & directions/judgement of Honourable High Court and National Green Tribunal.
- 5.17 The location of the quarry unit shall be as shown in the drawing attached and no change, deviation or alteration that may affect the environment, extend and location of the quarry shall be made.
- 5.18 Fugitive emission from the premises shall be suppressed.
- 5.19 Products shall be transported with proper cover and/ or after wetting to prevent spreading of dust.
- 5.20 All the conditions stipulated in the Environmental clearance No.69/Q/2020 shall be fully complied with during operation of the quarry.

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

EBY

VARGHESE

SIGNATURE & SEAL OF ISSUING AUTHORITY

ENVIRONMENTAL ENGINEER, DO-IDUKKI

Digitally signed by EBY
VARGHESE

Date: 2020.12.09 07:27:22
+05'30'

DATE :07/12/2020



To

JILMON JOHN
MANAGING DIRECTOR
GIMSAK DEVELOPERS PVT LTD
27/609 MG SQUARE
THODUPUZHA

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

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

ANNEXURE 3
EXPLOSIVE LICENSE

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

अनुज्ञापि सं. (Licence No.) : E/SC/KL/22/1010(E43449)

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

1. Licence is hereby granted to

Shri Jilmon John Managing Director (अधिभोगी / Occupier : JAYESH THOMAS), M/s.GIMSAK Developers Pvt.Ltd., 27/609, MG Square, Thodupuzha., Town/Village - Thodupuzha, District-IDUKKI, State-Kerala, Pincode - 685584



को अनुज्ञापि अनुदत्त की जाती है।

2. अनुज्ञापिधारी की प्रास्थिति | Status of licensee : Company

3. अनुज्ञापि निम्नलिखित प्रयोजनों के लिए विधिमाम्य है।

Licence is valid only for the following purpose.

possess for use of Nitrate Mixture, Safety Fuse, Ordinary Detonator, Electric Detonators, - के उपयोग के लिए

4. अनुज्ञापि विस्फोटकों के निम्नलिखित किस्मों, प्रकार और मात्रा के लिए विधिमाम्य 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	125 Kg.
2.	Safety Fuse	6 ,1	0	3500 Mtrs
3.	Ordinary Detonator	6 ,3	0	4000 Nos.
4.	Electric Detonators	6 ,3	0	1500 Nos.

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

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

26 times
as above.

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

The licensed premises shall conform to the following drawing(s) :

रेखाचित्र क्र. (Drawing No.) E/SC/KL/22/1010(E43449)

दिनांक (Dated) 15/09/2009

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

Survey No(s). 164(Thandapper No.1277) , ग्राम (Town/Village) : ~~Village-Alakodu, Taluk-Thodupuzha, District-~~

पुलिस थानी (Police Station) : Thodupuzha

जिला (District)

IDUKKI

राज्य (State)

Kerala

पिनकोड (Pincode)

दूरभाष (Phone)

ई. मेल (E-Mail)

फैक्स (Fax)

7. अनुज्ञापि परिसर में निम्नलिखित सुविधाएं अंतर्विष्ट हैं।

The licensed premises consist of following facilities.

A set of G(Sr.No.785) & G(Sr.No.786) type Portable Magazines (mfd by M/s Nobel : Engg.&Fab.Unit,Cochin) & D type portable magazine (mfd by Thekkans Engg and Fabrication Unit, Ernakulam)

8. अनुज्ञापि 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.

1. 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.

2. अनुज्ञापि प्राधिकारी द्वारा हस्ताक्षरित इस अनुज्ञापि की शर्तों और अतिरिक्त शर्तों।

Conditions and Additional Conditions of this licence signed by the licensing authority.

3. दूरी प्ररूप DE-2 | Distance Form DE-2.

9. यह अनुज्ञापि तारीख 31 मार्च 2014 तक विधिमाम्य रहेगी। This licence shall remain valid till 31st day of March 2014.

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

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 - 15/09/2009

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

Amendments :

- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 07/09/2020
- Amendment in Drawings/Facilities/Premises dated : 07/09/2020
- Amendment in Drawings/Facilities/Premises dated : 30/06/2021
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 10/11/2021
- Change in Authorized Signatory/Occupier/Partners/Directors dated : 05/09/2022

Transfers :

- Change in Licensee Name/Address/Status dated : 02/03/2020

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
06/02/2023	31/03/2028	Dy. Chief Controller of Explosives, Ernakulam

कानूनी चेतावनी : विस्फोटकों को गलत ढंग से चलाने या उनका दुरुपयोग विधि के अधीन गंभीर दंडिक अपराध होगा।
Statutory Warning : Mishandling and misuse of explosives shall constitute serious criminal offence under the law.

Note :- This is system generated document does not require physical signature. Applicant may take printout for their records.



भारत सरकार | Government of India

वाणिज्य और उद्योग मंत्रालय | Ministry of Commerce & Industry

पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पेसो) | Petroleum & Explosives Safety Organisation (PESO)

पूर्व नाम- विस्फोटक विभाग | Formerly- Department of Explosives

केन्द्रीय भवन, ब्लॉक सी-2, तीसरी मंजिल | Kendriya Bhavan, Block C-2, 3rd Floor

CSEZ पी.ओ.कक्कानाड कोच्ची | CSEZ PO Kakkanad Dist. Ernakulam Ernakulam 682037

फोन (Phone):- 2427286 | फैक्स (Fax):- 2427276

ई-मेल Email: dycceernakulam@explosives.gov.in

संख्या (No.): E/SC/KL/22/1010(E43449)

दिनांक (Date): 06/02/2023

सेवा में | To,

Shri Jilmon John Managing Director,
M/s. GIMSAK Developers Pvt.Ltd., 27/609, MG Square, Thodupuzha., Town/Village - Thodupuzha
District-IDUKKI, State-Kerala, Pincode - 685584

विषय : Survey No(s).164(Thandapper No.1277), ग्राम Village-Alakodu,Taluk-Thodupuzha,District:, जिला IDUKKI, 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/22/1010(E43449) के नवीनीकरण संदर्भ में।

Subject: Possession for Use of of Explosives from magazine situated at Survey No(s):.164(Thandapper No.1277), Village-Alakodu,Taluk-Thodupuzha,District:, Dist. IDUKKI, Kerala - Licence No.: E/SC/KL/22/1010(E43449) granted in Form LE-3 of Explosives Rules, 2008 - Renewal regarding

महोदय | Sir,

आपका उपर्युक्त विषय पर पत्र संख्या 77824 दिनांक 01/02/2023 का संदर्भ ग्रहण करें। विस्फोटक नियम, 2008 के अंतर्गत प्ररूप LE-3 में जारी अनुज्ञप्ति दिनांक 31/3/2028 तक नवीनीकृत कर इस पत्र के साथ भेजी जा रही है।

Reference to your letter No.: 77824 dated: 01/02/2023, the subject licence duly renewed upto 31/3/2028 and issued in Form LE-3 of Explosives Rules, 2008 is forwarded herewith.

अनुज्ञप्ति के आगामी नवीकरण हेतु कृपया निम्नलिखित दस्तावेज दिनांक 31/03/ 2028 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 31/3/2028.

- 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 अधीन 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

(डा.एस.के.दीक्षित | Dr. S K Dixit)

उप मुख्य विस्फोटक नियंत्रक | Deputy Chief Controller of Explosives

कोच्ची | Ernakulam

प्रतिलिपि प्रेषित | Copy Forwarded to:

- ज़िला मजिस्ट्रेट (District Magistrate), IDUKKI (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>)

Note :- This is system generated document does not require physical signature. Applicant may take printout for their records.

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

Safety distances required to be kept clear around magazine for high explosives or fire works or factory licence number E/SC/KL/22/1010(E43449) in form LE-3 granted to Shri Jilmon John Managing Director, M/s.GIMSAK Developers Pvt.Ltd., 27/609, MG Square, Thodupuzha., Kerala- .

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

The Date : 15/09/2009

For Joint Chief Controller of Explosives
South Circle, Chennai

Amendments :

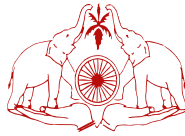
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 07/09/2020
- Amendment in Drawings/Facilities/Premises dated : 07/09/2020
- Amendment in Drawings/Facilities/Premises dated : 30/06/2021
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 10/11/2021
- Change in Authorized Signatory/Occupier/Partners/Directors dated : 05/09/2022

Transfers :

- Change in Licensee Name/Address/Status dated : 02/03/2020

**Note :- This is system generated document does not require physical signature.
Applicant may take printout for their records.**

ANNEXURE 4
PANCHAYTH LICENSE



ആലക്കോട് 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 : 400554/RPTL20/GPO/2023/770

തീയതി : 01.04.2023

ലൈസൻസിയുടെ പേരും മേൽവിലാസവും	ശ്രീ. ജിൽമോൻ ജോൺ, മാനേജിംഗ് ഡയറക്ടർ, ജിംസാക് ഡെവലപ്മെന്റ് പ്രൈവറ്റ് ലിമിറ്റഡ്.207/69, എം.ജി സ്ക്വയർ, തൊടുപുഴ	
സ്ഥാപനത്തിന്റെ പേരും സ്ഥലനാമവും	ജിംസാക് ഡെവലപ്മെന്റ് പ്രൈവറ്റ് ലിമിറ്റഡ്, അമ്പിരി പി.ഒ	
ലൈസൻസ് നൽകിയിട്ടുള്ള പ്രവർത്തനങ്ങൾ	പാറ പൊട്ടിച്ച് വിൽപന നടത്തുന്നതിന്	
കെട്ടിടത്തിന്റെ നമ്പരും വാർഡ് നമ്പരും	VII- ആലക്കോട് വില്ലേജ്, ബ്ലോക്ക് -30, സരേവ്വ നമ്പർ-163/1,163/2	
ലൈസൻസ് കാലയളവ്	01-04-2023 മുതൽ 31-03-2024 വരെ	
ഈടാക്കിയ ലൈസൻസ് ഫീസ്	15000 /- രൂപ	രസീത് നം: 1220000117 തീയതി: 31-03-2023
തൊഴിൽക്കരം	2500 /- രൂപ	രസീത് നം: 1220000117 തീയതി: 31-03-2023
ലൈസൻസ് അനുവദിക്കുന്നതിനായി ഹാജരാക്കിയ നിരാക്ഷേപപത്രങ്ങളുടെ വിശദാംശങ്ങൾ (നമ്പർ, തീയതി, കാലയളവ്, നൽകിയ അധികാരസ്ഥാനം)	<p>ആലക്കോട് വില്ലേജിൽ 163/1, 163/2 എന്നീ സരേവ്വ നമ്പരുകളിൽപ്പെട്ട ഭൂമിയിൽ ഖനനം നടത്തുന്നതിനായി മൈനിംഗ് & ജിയോളജി വകുപ്പിൽ നിന്നുമുള്ള 29/04/2021 തീയതിയിലെ 22/04/2031 വരെ കാലാവധിയുള്ള ക്വാറിയിംഗ് ലീസ്.</p> <p>കേരള സംസ്ഥാന പെട്രോളിയം & എക്സ്പ്ലോസീവിന്റെ 31/03/2028 വരെ കാലാവധിയുള്ള E/SC/KL/22/1010(E43449) നമ്പർ ലൈസൻസ്.</p> <p>കേരള സംസ്ഥാന പരിസ്ഥിതി ആഘാത നിർണ്ണയ അതോറിറ്റിയുടെ 69/Q/2020 നമ്പർ അനുമതി പത്രം,</p> <p>കേരള സംസ്ഥാന മലിനീകരണ നിയന്ത്രണ ബോർഡിന്റെ 31/07/2025 വരെ കാലാവധിയുള്ള PCB/IDK/ICO/R20IDU-ICO-677511 നമ്പർ സർട്ടിഫിക്കറ്റ്.</p> <p>താലൂക്ക് സരേവ്വയുടെ സരേവ്വ മാപ്പ്, ബ്ലാസ്റ്റിംഗ് SZ0159 നമ്പർ സർട്ടിഫിക്കറ്റ് .</p>	

സെക്രട്ടറി
ആലക്കോട് ഗ്രാമപഞ്ചായത്ത്

ലൈസൻസി താഴെപ്പറയുന്ന വ്യവസ്ഥകൾ അനുസരിക്കേണ്ടതാകുന്നു.

1. കേരള പഞ്ചായത്ത് രാജ് ആക്ടും അതേതുടർന്നുള്ള ചട്ടങ്ങളും ബൈലോകളും അനുസരിച്ചു പ്രവർത്തിക്കേണ്ടതാകുന്നു.
2. തൊഴിൽസ്ഥലവും അതിലുള്ള സാധനസാമഗ്രികളും പഞ്ചായത്ത് അധികാരികൾക്കോ / സെക്രട്ടറി അധികാരപ്പെടുത്തുന്ന മറ്റ് ഉദ്യോഗസ്ഥർക്കോ പരിശോധിക്കുന്നതിന് ലൈസൻസി വേണ്ട സൗകര്യങ്ങൾ നൽകേണ്ടതും അവർ ആവശ്യപ്പെട്ടാൽ ഈ ലൈസൻസ് കാണിക്കേണ്ടതുമാകുന്നു.
3. ഏതു സ്ഥലത്തിന്റെ കാര്യത്തിൽ ലൈസൻസ് നൽകിയിരിക്കുന്നുവോ ആ സ്ഥലത്ത് എല്ലാവരും കാണത്തക്കവിധത്തിലുള്ള ഒരു ഭാഗത്ത് ലൈസൻസി തന്റെ പേരും ലൈസൻസിന്റെ നമ്പരും ഉദ്ദേശ്യവും കാണിക്കുന്ന ഒരു അടയാളപ്പലക വെച്ചിരിക്കേണ്ടതാണ്.
4. പഞ്ചായത്തിൽനിന്നും അനുവാദം സിദ്ധിച്ച ശേഷമല്ലാതെ തൊഴിൽസ്ഥലം മാറ്റാൻ പാടില്ലാത്തതും തൊഴിൽ നിർത്തുന്ന പക്ഷം വിവരം മുൻകൂട്ടി പഞ്ചായത്തിൽ അറിയിക്കേണ്ടതുമാകുന്നു.
5. തൊഴിൽസ്ഥലവും പരിസരങ്ങളും വൃത്തിയായും സാംക്രമികരോഗാണുക്കൾ ഉണ്ടാകാത്തവിധത്തിലും പൊതുജനോപദ്രവമാകാത്ത വിധത്തിലും വ്യാപാരത്തിനു വെച്ചിട്ടുള്ള ഭക്ഷണപദാർത്ഥങ്ങൾ ഈച്ച, അണുക്കൾ, പൊടി മുതലായവയുടെ ശല്യം ഉണ്ടാകാത്ത വിധത്തിലും സൂക്ഷിക്കേണ്ടതാണ്.
6. ഏതൊരു പ്രവൃത്തിദിവസത്തിന്റെയും ഒടുവിൽ സ്ഥലം വൃത്തിയാക്കേണ്ടതാണ്.
7. ആ സ്ഥലത്തിന്റെയോ പരിസരത്തിന്റെയോ ഏതെങ്കിലും ഭാഗത്ത് വീഴുകയോ നിക്ഷേപിക്കപ്പെടുകയോ ചെയ്യുന്ന ചപ്പുചവറോ മൃഗങ്ങളുടെ അവശിഷ്ടങ്ങളോ മറ്റു പദാർത്ഥമോ ശേഖരിച്ച് സെക്രട്ടറിക്ക് തൃപ്തികരമായ രീതിയിൽ നീക്കം ചെയ്യിക്കേണ്ടതാണ്.
8. ലൈസൻസി ഏതൊരു കെട്ടിടത്തിന്റെയും ചുമരുകളുടെ അകവശത്തിന്റെ ഏതൊരു ഭാഗവും മേൽപ്പറഞ്ഞ പരിസരത്തിലുള്ള തറയും നടപ്പാതയും അവിടെ തെറിപ്പിച്ചുവീഴാനിടയുള്ള ഏതെങ്കിലും ദ്രാവകമോ, മാലിന്യമോ ചപ്പുചവറോ അസഹ്യവും ഉപദ്രവകരവുമായ ഏതെങ്കിലും പദാർത്ഥമോ അവിടെ ലയിക്കുന്നത് തടയത്തക്കവിധം എപ്പോഴും നന്നായി കേടുപാടു തീർത്തു നിലനിർത്തേണ്ടതാണ്.
9. ലൈസൻസി മേൽപ്പറഞ്ഞ സ്ഥലത്തോ, പരിസരത്തോ അതോടുചേർന്നുള്ള ഏതൊരു ഓവുചാലും അഴുക്കുജലം കളയുന്നതിനുള്ള ഉപകരണവും എപ്പോഴും നന്നായി കേടുപാടുതീർത്തും വെച്ചിരിക്കേണ്ടതാണ്.
10. അയിത്തം ആചരിക്കുന്ന കടകളുടെ ലൈസൻസ് റദ്ദ് ചെയ്യുന്നതാണ്.
11. ഏതെങ്കിലും തരത്തിലുള്ള ത്വക്ക് രോഗമോ ക്ഷയരോഗമോ, വ്രണമോ പകർച്ചവ്യാധികളോ ഉള്ള യാതൊരാളും കച്ചവടം നടത്തുന്നതിന് ഉപയോഗിക്കുന്ന സ്ഥലത്തും പരിസരത്തും പ്രവർത്തിക്കുവാൻ പാടില്ലാത്തതാകുന്നു.
12. നിരോധിത പ്ലാസ്റ്റിക് ഇനങ്ങൾ ഉൽപ്പാദിപ്പിക്കുകയോ ശേഖരിക്കുകയോ വിൽക്കുകയോ കൈകാര്യം ചെയ്യുകയോ പാടില്ല.
13. സ്ഥാപനത്തിന്റെ ബോർഡിൽ സ്ഥലനാമം മലയാളത്തിലും ഇംഗ്ലീഷിലും രേഖപ്പെടുത്തേണ്ടതാണ്.
14. 20 സീറ്റിൽ കൂടുതലുള്ള എല്ലാ ഹോട്ടലുകൾക്കും റെസ്റ്റോറന്റുകൾക്കും ടോയിലെറ്റ് സൗകര്യം ഏർപ്പെടുത്തേണ്ടതാണ്.
15. നിരോധിത ഉൽപ്പന്നങ്ങളായ പാൻമസാല, ഗുഡ്ക തുടങ്ങിയവ സംഭരിച്ചു വെക്കുവാനോ വിൽക്കുവാനോ പാടില്ല.
16. ബാലവേല അനുവദിക്കുവാൻ പാടില്ല.
17. മുക്കളിൽ കാണിച്ചിരിക്കുന്ന വ്യവസ്ഥകളുടെ ലംഘനം ഈ ലൈസൻസ് റദ്ദ് ചെയ്യുന്നതിന് കാരണമാകാവുന്നതാണ്.
18. പൊതുഭരണവകുപ്പിന്റെ 13-06-2020ലെ സ.ഉ. (സാധാ) 1877/2020/പൊ.ഭ.വ. ഉത്തരവു പ്രകാരമുള്ള കോവിഡ് പ്രൊട്ടോക്കോൾ പാലിക്കണം.
19. തദ്ദേശ സ്വയം ഭരണ വകുപ്പിന്റെ 22-07-2017ലെ സ.ഉ.(സാധാ) 2511/2017/ത.സ്വ.ഭ.വ. പ്രകാരമുള്ള ഉറവിട മാലിന്യ സംസ്കരണ സംവിധാനം സ്ഥാപിക്കണം.
20. മറ്റ് വകുപ്പുകളിൽ നിന്നും അനുവദിച്ചിട്ടുള്ള പെർമിഷൻ, ലൈസൻസ്, മറ്റ് ക്ലിയറൻസുകൾ എന്നിവ അതത് സമയങ്ങളിൽ പുതുക്കേണ്ടതാകുന്നു. അല്ലാത്ത പക്ഷം പഞ്ചായത്ത് അനുവദിച്ചിട്ടുള്ള ലൈസൻസ് സ്വമേധയാ റദ്ദാകുന്നതാണ്.
21. സ്റ്റോടന സമയത്ത് ചീളുകൾ ദൂരേയ്ക്ക് തെറിച്ച് വീഴാതിരിക്കുവാൻ മണൽ ചാക്കുകൾ അടുക്കി ആവശ്യമായ സുരക്ഷ ഒരുക്കണം . സ്റ്റോടന സമയത്തിന് മുൻപ് സമീപവാസികളെ അറിയിക്കുന്നതിനായി സൈറൺ മുഴക്കണം. സ്റ്റോടന സമയവും എണ്ണവും മറ്റും പൊതുജനങ്ങൾ കാണത്തക്ക വിധം എഴുതി പ്രദർശിപ്പിക്കണം. ക്യാറിയിലേക്കുള്ള റോഡുകളിൽ വാഹനം ഓടി പൊടിപടലങ്ങൾ പറക്കാതിരിക്കുവാൻ വെള്ളം നനയ്ക്കണം. ജീവനക്കാർക്ക് ആവശ്യമായ പ്രഥമ ചികിത്സ സംവിധാനങ്ങൾ പ്രാഥമികാവശ്യങ്ങൾക്കുള്ള ടോയ്ലറ്റുകൾ ക്രമീകരിക്കണം. ഇതര സംസ്ഥാന തൊഴിലാളികളെ ജോലിക്കായി നിയോഗിക്കുമ്പോൾ അവരുടെ വിവരങ്ങൾ പി.എച്ച്.സി യെ രേഖാമൂലം അറിയിക്കണം.ലൈസൻസ് ഉള്ള സ്റ്റോടക വിദക്ഷണ കൊണ്ട് മാത്രമേ പാറപൊട്ടിക്കുവാൻ പാടുള്ളൂ.ലൈസൻസിനായി സമർപ്പിച്ചിട്ടുള്ള അപേക്ഷയോടൊപ്പം ഹാജരാക്കിയിട്ടുള്ള വിവിധ വകുപ്പുകളുടെയും, ബോർഡുകളുടെയും, ഏജൻസികളുടെയും നിരാക്ഷേപ സാക്ഷ്യപത്രത്തിൽ പറഞ്ഞിട്ടുള്ള സർവ്വ നമ്പരുകളിൽ വ്യവസ്ഥകൾ പാലിച്ചുകൊണ്ട് മാത്രം ക്യാറി നടത്തേണ്ടതാണ്.

(ഒപ്പ്)
സെക്രട്ടറി
ആലക്കോട് ഗ്രാമപഞ്ചായത്ത്

NB. ഈ ലൈസൻസ് ഡിജിറ്റലായി ഒപ്പ് വെച്ചിട്ടുള്ളതാണ് ആയതിനാൽ പ്രത്യേകമായ ഒപ്പും സീലും ആവശ്യമില്ല. ഈ ലൈസൻസ് അവസാനിക്കുന്ന തീയതിക്ക് മുപ്പതു ദിവസത്തിനകം ലൈസൻസ് പുതുക്കുന്നതിനുള്ള അപേക്ഷ സമർപ്പിക്കേണ്ടതാണ്.

ANNEXURE 5
QUARRYING PERMIT

Duplicate II

No: 1395/2021

भारतीय गैर न्यायिक

भारत INDIA

I have satisfied myself that the original of this deed bears a stamp duty of Rs 116000/- (one lakh sixteen thousand and FIVE HUNDRED) day of June 2021. Sri. Sunil Kumar D. Sub Registrar

रु. 500

RUPEES

पाँच सौ रुपये

Rs. 500



सत्यमेव जयते

INDIA NON JUDICIAL

കേരളം കേരल KERALA

A 505129

LEASE DEED

Lessee: Shri. Jilmon John
Managing Director of M/s. Gimsak Developers Private Limited



FORM H
(See Rule 43)
QUARRYING LEASE



This deed of lease made on this the 23rd day of April 2021 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

Lessor

[Signature]
Dr. V. SUNIL KUMAR
(PEN - 316838)
GEOLOGIST
MINING & GEOLOGY DEPT.
GOVT. OF KERALA

Lessee

[Signature]

കാരിക്കോട് വെണ്ടി
റ്റി. ആർ കൃഷ്ണകുമാർ



29 MAR 2021

60.
3.4.2021

Gimsak Developers
put Hel
[Signature]

1546/29852/01

No: 1395/2021

Presented in the office of the Sub Registrar of Land Revenue, No. 29852/-

dated 23rd June 2021 by

Jilmon John
residing at Madakkal.

Execution admitted by: Krishnakumar D
Sub Registrar

For and on behalf of M/s Grimasak Developers Pvt Ltd.
represented by its Managing Director

1) Jilmon John
s/o John, residing at Madakkal/
Manakkad.



2) I have satisfied myself as to the execution of
the document by Sri. Dr. V. Sunilkumar, Geologist
Mining & Geology Dept. for and on behalf of the
Governor of Kerala who is exempted from
personal appearance under Section 88(c) of the
Registration Act 1908.



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9 Sheets 9 Sheet.

K
Sub Registrar


V
V. SUNIL KUMAR
GEOLOGIST
MINING & GEOLOGY DEPT.
GOV. OF KERALA

and assigns) of the one part and **M/s. Gimsak Developers Private Limited**, 27/609, M.G. Square, Thodupuzha, Idukki District – 685 584, a Private Limited Company having Corporate Identity No. U70100KL2012PTC032661, represented by its Managing Director, **Shri. Jilmon John**, Aged 55 years, S/o. John, residing at Madathil, Manakkad, Thodupuzha, Manakkad Village, Thodupuzha Taluk, Idukki District - 685 608 (Aadhaar No. 8849 8484 9680) (hereinafter called 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.

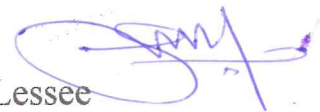
Witnesseth that in consideration of the rents and royalties and lessee’s/Lessees’ covenants, hereinafter reserved and contained the State Government hereby give on lease to the lessee/lessees the land measuring **2.2430 hectares** described in the schedule hereunder and delineated on the plan hereto annexed and therein coloured red (hereinafter called the “said lands”) to hold the same for a period of **10 (Ten) years** commencing from the *23rd April 2021* and ending on the *22nd April 2031* 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.

Lessor


Dr. V. SUNIL KUMAR
(PEN - 316838)
GEOLOGIST
MINING & GEOLOGY DEPT.
GOVT. OF KERALA

Lessee



Registered by

Jose Joseph *[Signature]* S/o Joseph, Puthumanaparambil (H), private comp.

Indhi's

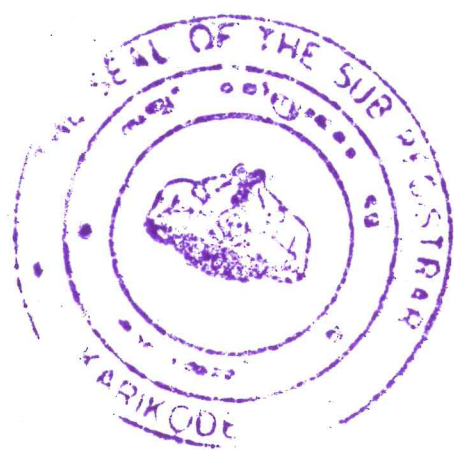
Bissin Babu. *[Signature]* S/o P.L. Curialcore. Puthinandi, Private Company

Archivi

on 23rd day of June 2021 *[Signature]* CRMB
Sub REGISTRAR


Registered as No 1395 of 2021 of Book
I Volume 286 Page 73 to 87
9 sheets 279 sheet.
day of

on 23rd day of June 2021 *[Signature]* CRMB
Sub REGISTRAR



3. The lessee/lessees shall pay to the State Government a yearly surface rent equal to the land revenue if any, assessable under the rules for the time being in force, or if the land be the property of Government or in reserve forest then equal to the land revenue plus cess, if any, per hectare of the land the surface whereof shall be occupied or used by the lessee/lessees for any of the purposes of this deed and so in proportion for any area less than one hectare. The said surface rent shall be paid by yearly payments; the first of such payments to be made on or before the last day of the first year of occupation provided always that no such rent shall be paid or demanded in respect of any roads or ways now in existence.
4. The lessee/lessees shall at all times during the currency of this lease keep correct and intelligible books of account showing accurately the quantity of the said minerals extracted and the weight and value of the said mineral sold or exported together with the names of the purchasers or consignees. The lessee shall also maintain a register of employees showing therein separately men, women employed daily and shall at reasonable times allow the competent authority appointed under the rules (hereinafter referred to as "competent authority") or the officer authorised by him to examine the said books of account and the register of employees and to take copies and extracts 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

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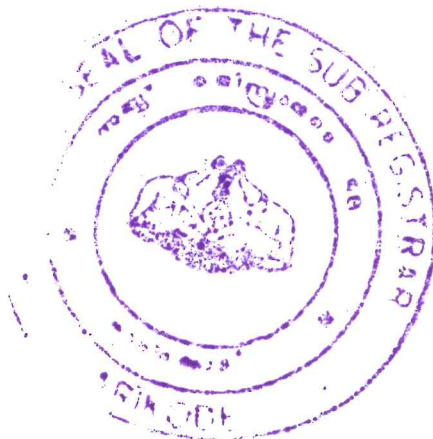

Dr. V. SUNIL KUMAR
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GOVT. OF KERALA

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Sub Registrar



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 or burning ghats 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 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.

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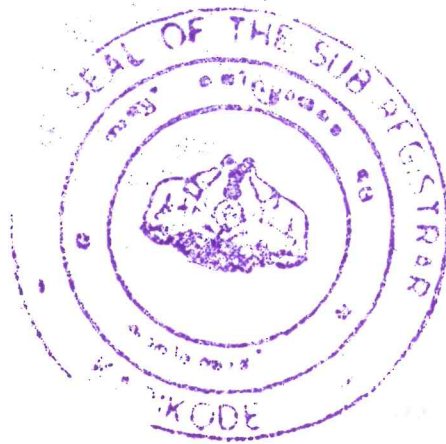

Dr. V. SUNIL KUMAR
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GOVT. OF KERALA

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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 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,

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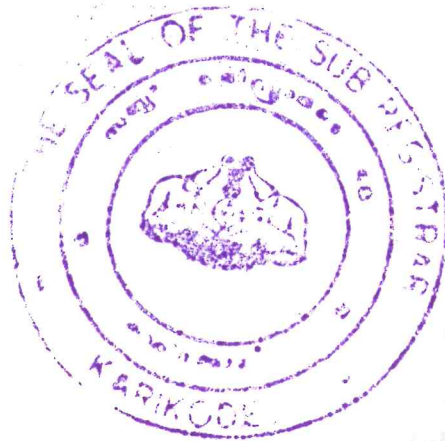
DR. V. SUNIL KUMAR
(PEN - 316838)
GEOLOGIST
MINING & GEOLOGY DEPT.
GOVT. OF KERALA

Lessee

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.....4 Sheets.....5 Sheets

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machinery, plant buildings, structures and other works, erections and conveniences, the said minerals or other property which the lessee is/lessees are entitled to remove from the said lands, the same shall, if not removed by the lessee/lessees within one calendar month after notice in writing requiring their removal be given to the lessee/lessees by the State Government/competent authority be deemed to become the property of the State Government in such manner as they may deem fit without liability to pay any compensation or to account to the lessee/lessees in respect thereof.

18. This lease subject to all rules and regulations which may from time to time be issued by the State Government regulating the working of the quarries and other matters affecting safety, health and convenience of the lessee's/lessees' employees or of the public, whether under the Indian Mines Act or otherwise.
19. The lessee/lessees shall without delay send to the District Collector and the competent authority or the officer authorised by him in this regard report of any accident causing loss of life or serious bodily injuries or seriously affecting or endangering life or property which may at any time occur at or in the said lands in the course of operations under this lease.
20. The lessee/lessees shall furnish such reports and returns relating to output, labourers employed and other matters as the State Government may prescribe.
21. The lessee/lessees shall make and pay such reasonable compensation as may be assessed by lawful authority in accordance with the law in force on the subject for all damage, injury or disturbance which may be done by him/them in exercise of the powers granted by this lease and shall indemnify and shall keep indemnified fully and completely the State Government against all claims which may be made by any person or persons in respect of any such damage, injury or disturbance and all costs and expenses in connection therewith.
22. 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.

Lessor



Dr. V. SUNIL KUMAR
(PEN - 316838)
GEOLOGIST
MINING & GEOLOGY DEPT.
GOVT. OF KERALA

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23. In this case, the anticipated royalty to be remitted for the mineral extracted per year at the present rate of royalty of Rs. 24/- per tonne with proposed average annual production of 60, 000 tonne is Rs.14,40,000/- (Rupees fourteen lakhs and forty thousand only) and may enhance the quantity of production and period of lease with the prior permission of the lessor and registration of the lease deed amended accordingly.
24. In this case, the surface rent to be remitted per year at the present rate of Rs. 5/- per Are per year is Rs. 1,122/- (Rupees one thousand one hundred and twenty two only) and the refundable Security Deposit is Rs. 22,430/- (Rupees twenty two thousand four hundred and thirty only).

SCHEDULE OF DESCRIPTION OF LAND


District : Idukki
Taluk : Thodupuzha

Village	Re – Survey Block No.	Re - Survey Nos.	Lease Area in Hectares
Alakode	30	163/1	1.8260
- Do -	30	163/2	0.4170
Total Area in Hectares			2.2430

Bounded by Survey No:

On the North by : Re - Survey Nos. 154, 157, 158
On the East by : Re - Survey Nos. 162, 163/4
On the South by : Re - Survey No. 163/3
On the West by : Re - Survey Nos. 163/1, 154

Lessor


Dr. V. SUNIL KUMAR
(PEN - 316838)
GEOLOGIST
MINING & GEOLOGY DEPT.
GOVT. OF KERALA

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Sub Registrar



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

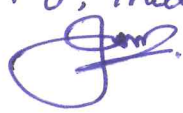

Signed by 
for and on behalf of the Governor of Kerala.

In the presence of

- (1) Shemi N.S., Senior clerk, Mining and Geology 
District office, Idukki, Thodupuzha.
- (2) Samsini M.K. Selection Grade Typist, Mining & Geology 
District office, Idukki, Thodupuzha. 

Signed by Sri. Jilmon John, Managing director, M/s GIMSAK Developers Private Limited, 27/609, M.G. Square, Thodupuzha, Idukki District for and on behalf of the lessee/lessees

In the presence of

- (1) Jose Joseph, Puthumanaparambil (HD), Anchisi P.O., Thodupuzha
Idukki, Kerala - 685585 
- (2) Umashankar, Dankar Nivas, M.G. Square, Thodupuzha 

Lessor



Lessee



Dr. V. SUNIL KUMAR
(PEN - 316838)
GEOLOGIST
MINING & GEOLOGY DEPT.
GOVT. OF KERALA

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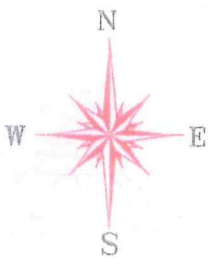


DISTRICT : IDUKKI
 THODUPUZHA
 VILLAGE : AALAKKOD

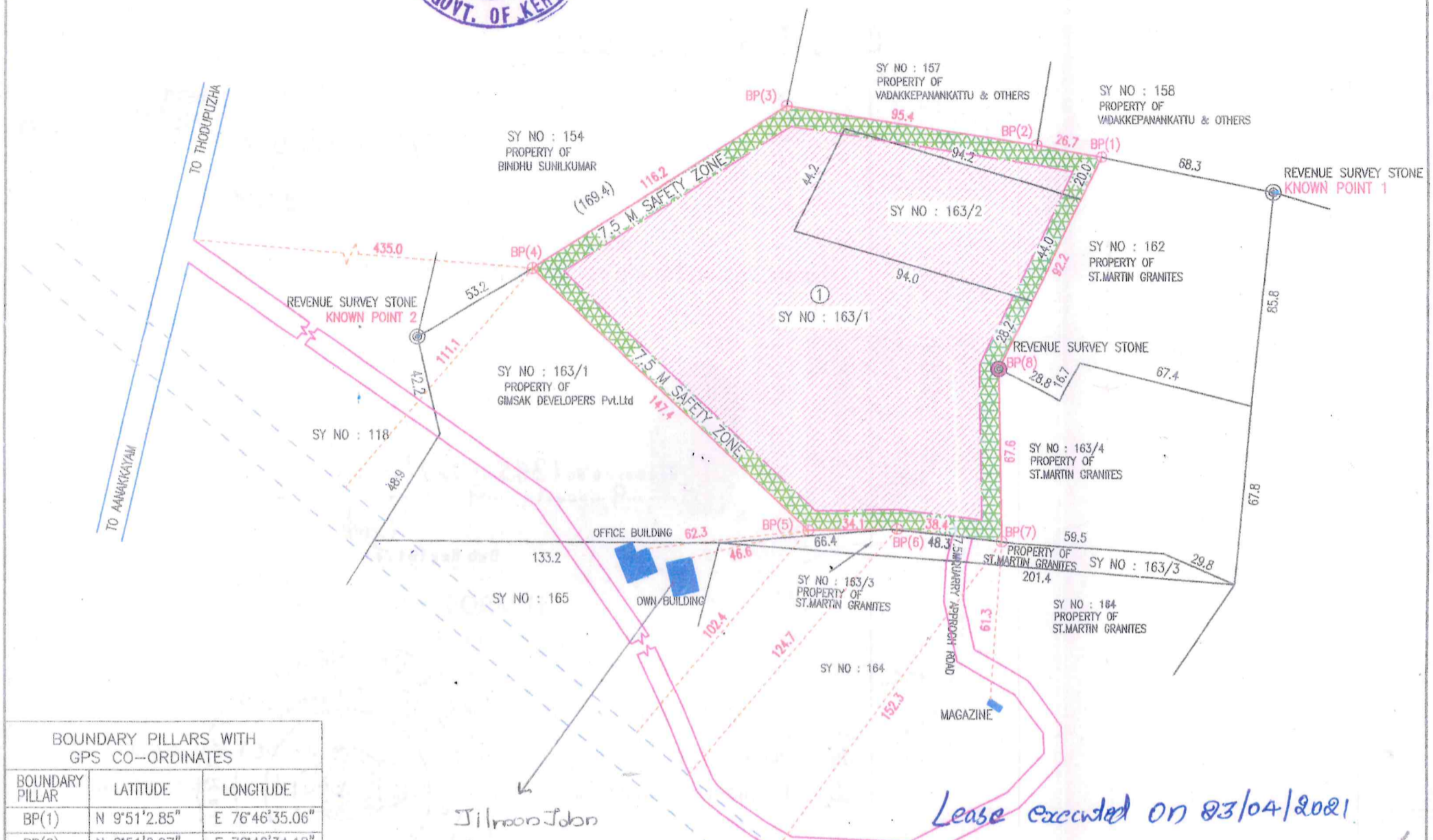
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FIELD NO:163 pt

BLOCK NO : 30
 LEASE AREA-2.2430 H



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 ഡയറക്ടർ ഓഫ് മിനിംഗ് & ജിയോളജി
 തൊടുപുഴ
 TALKU OFFICE
 THODUPUZHA



BOUNDARY PILLARS WITH GPS CO-ORDINATES

BOUNDARY PILLAR	LATITUDE	LONGITUDE
BP(1)	N 9°51'2.85"	E 76°46'35.06"
BP(2)	N 9°51'2.97"	E 76°46'34.18"
BP(3)	N 9°51'3.31"	E 76°46'31.03"
BP(4)	N 9°51'1.11"	E 76°46'27.92"
BP(5)	N 9°50'57.98"	E 76°46'31.57"
BP(6)	N 9°50'58.03"	E 76°46'32.70"
BP(7)	N 9°50'57.93"	E 76°46'34.01"
BP(8)	N 9°51'0.11"	E 76°46'33.87"

INDEX

- REVENUE SURVEY STONE
- SURVEY NO BOUNDARY
- LEASE BOUNDARY
- TOWER LINE
- PWD ROAD
- PRIVATE ROAD /SERVICE ROAD
- BUFFER ZONE 7.5 METRE WIDTH (0.4414 Hectare)
- MINING AREA (1.8016 Hectare)
- TOTAL LEASE AREA (2.2430 Hectare)

Submit before The Mining and Geology Department
 ALL DIMENSION ARE IN METRES

APPLICANT:-
 JILMON JOHN
 DIRECTOR OF GIMSAK DEVELOPERS Pvt.Ltd.
 THODUPUZHA

DETAILS OF PROPERTY

PLAN MARK	DOC.NO.	TP.NO	Re-sy SY.NO.	TOTAL LAND AREA	MINING AREA	BUFFER ZONE AREA	TOTAL LEASE AREA	NAME OF OWNER
1	4611/2012	1496	163/1	2.7606 H	1.4210 H	0.4050 H	1.8260 H	JILMON JOHN DIRECTOR OF GIMSAK DEVELOPERS Pvt.Ltd.
			163/2	0.4170 H	0.3806 H	0.0364 H	0.4170 H	
			TOTAL	3.1776 H	1.8016 H	0.4414 H	2.2430 H	

Scale 1cm = 20m

Signature of Surveyor with Date

Jilmon John
 St. Martin Granites
 Alakode Panjathin
 Building No. 111 - So. Alakode
 2-20 road Alakode.

Lease executed on 03/04/2021
 For GIMSAK DEVELOPERS Pvt. Ltd.
 Lessee
 Managing Director

Lessor
 Dr. V. SUNIL KUMAR
 (PEN - 316838)
 GEOLOGIST
 MINING & GEOLOGY DEPT.
 GOVT. OF KERALA

TALUK SURVEYOR
 THODUPUZHA
 31/12/18

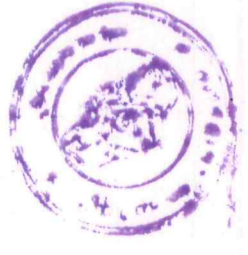
കൊല്ലം ജില്ലാ ഭൂമിശാസ്ത്ര ഡയറക്ടർ
 തൊടുപുഴ
 2021/12/31

TALUK SURVEYOR
 THODUPUZHA
 4/8/18



Village Officer
 ALAKODE

തഹസീൽദാർ
 തൊടുപുഴ



TALUK SURVEYOR
 THODUPUZHA

4/8/18

Duplicate - II

Duplicate produced along with original - 2

No difference between original and duplicate.

Interlineations etc are nil in this

Compared } Reader. Roselind C Thomas (Sr. Clerk) Rinf

by } Examiner. Anilkumar A.N. (Sr. Clerk) Anilkumar

On 23rd day June 2021

Girishkumar. D Limb
Sub Registrar.

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9 Sheets 9 Sheets

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Sub Registrar.



**PROCEEDINGS OF THE DIRECTOR OF MINING & GEOLOGY,
THIRUVANANTHAPURAM, KERALA**
(Present Dr. C. K. BAIJU)

- Sub:** Department of Mining & Geology, Government of Kerala - Mines & Minerals - Minor Minerals – Granite (Building Stone) – Quarrying Lease to M/s. Gimsak Developers Private Limited, 27/609, M.G. Square, Thodupuzha, Idukki District – 685 584 (Represented by its Managing Director, Shri. Jilmon John)
- Ref:**
- 1 Application dated. 01/10/2018 from M/s. Gimsak Developers Private Limited, 27/609, M.G. Square, Thodupuzha, Idukki District – 685 584 (Represented by its Managing Director, Shri. Jilmon John)
 - 2 Letter No. DOI/79/M/2018 dated. 29/11/2018, 10/01/2019, 27/11/2020, 08/03/2021 from the Geologist, District Office, Idukki.
 - 3 Letter of Intent No. 12733/M3/2018 dtd. 11/01/2019, 13/01/2020 issued by Director of Mining and Geology
 - 4 Environmental clearance No. 69/Q/2020 issued vide Pro. order No. 1388/EC2/2019 /SEIAA dtd. 04/08/2020, 16/09/2020 by the State Environment Impact Assessment Authority, Thiruvananthapuram (valid till 03/08/2025)
 - 5 Integrated consent to operate No. R20IDU-ICO-677511 dt. 25/09/2020 issued by Kerala State Pollution Control Board, Idukki (valid till 31/07/2025)
 - 6 Explosive License No. E/SC/KL/22/1010(E43449) dated. 07/09/2020 issued by Petroleum and Explosive Safety Organization, Ernakulam (valid till 31.03.2023)
 - 7 Licence No. A6-1992/2020(41) dated. 10/11/2020 issued by Alakode Grama Panchayat (valid till 31.03.2021)
 - 8 Mines and Minerals (Development & Regulation) Act, 1957.
 - 9 Kerala Minor Mineral Concession Rules, 2015
 - 10 Kerala Minerals (Prevention of Illegal Mining, Storage & Transportation) Rules 2015

No. 749/2020-21/12733/M3/2018/DMG Dated, Thiruvananthapuram 23/03/2021

O R D E R

M/s. Gimsak Developers Private Limited, 27/609, M.G. Square, Thodupuzha, Idukki District – 685 584, a Private Limited Company having Corporate Identity No. U70100KL2012PTC032661, represented by its Managing Director, Shri. Jilmon John (Aadhaar No. 8849 8484 9680) submitted an application vide reference first cited to obtain quarrying lease to quarry Granite (Building Stone) over an area of **2.2430** Hectares of land (as per the survey map No. F6 – 9491/18 dt. 05/09/2018 issued by Tahsildar, Thodupuzha) comprised in **Re - Survey Block No. 30, Re – Survey Nos. 163/1, 163/2 of Alakode Village of Thodupuzha Taluk of Idukki District.** Vide letter dated. 29/11/2018, 10/01/2019, 27/11/2020, 08/03/2021 of the District Geologist, Idukki has intimated that



the applied area is virgin and there was no dues by way of royalty to be collected from the applicant.

Based on the merit of the application and the enclosed mandatory documents including survey map, possessions certificates, demarcation certificate and land assignment certificate issued by Revenue Authorities and based on the recommendation of the District Geologist, a letter of intent was issued to the applicant vide reference cited 3 intimating the intention of the department to grant quarrying lease subject to production of approved mining plan and other statutory licenses. The District Geologist forwarded the mining plan (prepared by Shri. Jayachandra Panicker, Recognized Qualified Person – Reg. No. DMG/KERALA/RQP/12/2017) approved by him and other statutory licenses submitted by the applicant to this office. In the approved mining plan it is mentioned that during the life of the mine (10 years), mineable mineral reserve of **6,90,370 MT** can be mined and it is proposed to mine an quantity of **60,000 MT** of granite (building stone) per year. Since the applicant has produced all statutory documents as per the Letter of Intent, it is decided to grant a quarrying lease in the said land and hence the following orders are issued:

A quarrying lease is hereby granted to **M/s. Gimsak Developers Private Limited, 27/609, M.G. Square, Thodupuzha, Idukki District – 685 584, a Private Limited Company having Corporate Identity No. U70100KL2012PTC032661, represented by its Managing Director, Shri. Jilmon John (Aadhaar No. 8849 8484 9680) to quarry Granite (Building Stone) over an area of 2.2430 Hectares of land (as per the survey map No. F6 – 9491/18 dt. 05/09/2018 issued by Tahsildar, Thodupuzha) comprised in Re - Survey Block No. 30, Re – Survey Nos. 163/1, 163/2 of Alakode Village of Thodupuzha Taluk of Idukki District for 10 (Ten) years as per the Kerala Minor Mineral Concession Rules, 2015, subject to the conditions mentioned below.**

1. 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 and the quarrying leases deed shall be registered in accordance with the provisions of the Indian Registration Act, 1908.
2. The lessee shall commence quarrying operation only after the deed is executed and registered.
3. The lessee shall not assign, sublet or transfer his lease or any right or interest therein to any person without previous written permission of the Director of Mining & Geology.
4. 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. In case the lessee opts for consolidated royalty payment system by registering attached metal crusher units as per Rule 89, then



consolidated royalty at the rate specified in Schedule III said Rules shall be paid instead of royalty specified in Schedule I.

5. 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.
6. 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.
7. The lessee shall also deposit an amount of **Rs. 22,430/- (Rupees twenty two thousand four hundred and thirty only)** being the security deposit at the rate of Rs 10,000/- 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.
8. The lessee shall produce 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.
9. The lessee shall pay tax related to Revenue Department, if any, as directed by them and the details should be furnished to the District Geologist periodically.
10. The lessee shall pay 10% of the amount of royalty/consolidated royalty as the case may be paid by them, being the District Mineral Foundation Fund in addition to the royalty/consolidated royalty.
11. In addition to the royalty, rents, funds, fees etc. that are required to be remitted by the lessee as per the Mines and Minerals (Development and Regulation) Act, 1957 and Rules made thereunder, the lessee shall pay all other fees, rents, taxes etc. as required by other agencies including Goods and Service Tax (GST) for royalty.
12. The quarrying shall be carried out as per the conditions stipulated in Kerala Minor Mineral Concession Rules 2015 and storage and transportation of mineral shall be carried out as per Kerala Minerals (Prevention of Illegal Mining, Storage and Transportation) Rules 2015.
13. The quarrying operations shall be strictly as per the approved mining plan and schemes of mining.
14. The lessee shall review the progressive quarry closure plan every five years from the date of opening of the quarry and shall submit to the competent authority for its approval. The lessee shall submit to the competent authority in this behalf any early report before 1st July of every year describing protective works including reclamation and rehabilitation work carried out as envisaged in the approved quarry closure plan and if there is any deviation, reasons thereof.
15. The lessee shall submit a scheme of mining for the next five years or remaining period of the lease to the competent authority for approval at least one hundred and twenty days before the expiry of the first five year period for which it was approved on the last occasion.
16. The lessee shall submit final quarry closure plan one year prior to the proposed closure of the quarry and close the quarry as per the approved quarry closure plan.



17. The production of Granite (Building Stone) from the area covered under this grant shall be subject to the year-wise quantity specified in the approved Mining Plan and scheme of mining.
18. 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.
19. The Lessee shall comply with any and all laws, ordinances, rules and orders related to quarrying operations of any and all governmental or quasi-governmental authorities.
20. The lessee shall comply with all the conditions mentioned in other statutory license required for carrying out quarrying operations.
21. The lessee shall stop all quarrying activities in the event of expiry of any other statutory licenses which is required for carrying out quarrying activities in the State as per the prevailing Acts and Rules. Any quarrying activity undertaken violating the above condition will be treated as illegal and lessee will be solely responsible for such act and lessee will be liable to pay the penalty imposed by any officer competent to enforce such Acts and Rules.
22. In case the lessee makes any breaches in the conditions of the lease deed or violates the conditions stipulated in relevant Act and Rules based on which all Statutory Licenses are issued for quarrying, then the lessee will be solely responsible for any such breaches and violation and in such cases, the lessee will be solely liable to pay such sum of money as fixed by competent authorities as due and penalty.
23. The Lessee shall indemnify and keep indemnified the State Government against all actions, proceedings, suits, claims, demands, losses, damages, costs, charges, and expenses incurred or suffered by them as a reason of any non-observance or non-performance of rules and regulations
24. This lease is granted in good faith based on the documents/licenses submitted by the lessee. The lessee is solely responsible for the authenticity of the documents/licenses submitted. At any stage, if it is observed that the documents submitted are incorrect or fake or forged or if it is found that some information was omitted or suppressed, then this lease is liable to be cancelled. In such an event the quarrying carried out with the strength of this lease will be treated as quarrying conducted without any lawful authority.
25. The lessee shall properly maintain the boundary pillars erected as per the demarcation certificate issued by the Village Officer till the expiry of lease.
26. 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 lessee, mineral concession number and date, validity of concession, the name of the mineral

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quarried, proposed annual production etc. In addition, details of other statutory licenses shall also be displayed.

27. The lessee shall erect by the side of the road leading to quarry (preferably 100 m away from quarry), a warning board with danger sign regarding operation of the quarry and use of explosives.
28. The lessee should take effective preventive measures for the safety of labourers as well as the general public. In due course of quarrying, if any part of the quarry becomes unsafe, then the lessee shall properly fence that area for preventing accidents by falling of human beings, animals, vehicles or any objects into the pit formed by quarrying.
29. The lessee shall not carry out any quarrying operations within 7.5 meters from the boundary of the lease area and quarrying operations shall be carried out in benches.
30. The lessee shall send a notice in form D appended to KMMC Rules 2015 to the Director (Mining), Directorate General of Mines Safety, No.5, 14th Main (100ft) Road, 4th B Block, Koramangla, Bengaluru – 560034 and to the District Magistrate concerned before commencing the quarrying operation and shall intimate the same to the District office of the Department of Mining and Geology concerned.
31. The lessee shall keep book of accounts of production and dispatch of granite (building stone) and shall file monthly and annual returns in Form F and Form G appended to KMMC Rules 2015.
32. 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.
33. In this case, the anticipated royalty to be remitted for the mineral extracted per year at the present rate of royalty of **Rs. 24/-** per tonne with average annual production of **60,000 tonne** is **Rs. 14,40,000/- (Rupees fourteen lakhs and forty thousand only)**. In this case, the surface rent to be remitted per year at the present rate of Rs. 5 per Are per year is **Rs. 1,122/- (Rupees one thousand one hundred and twenty two only)** and in the event of non – functioning of quarry the Dead Rent to be realized for the 1st 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.

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/-
Dr. C. K. BAIJU
DIRECTOR OF MINING & GEOLOGY (I/C)



To

M/s. Gimsak Developers Private Limited,
27/609, M.G. Square, Thodupuzha,
Idukki District – 685 584,
(Represented by its Managing Director, Shri. Jilmon John)

Copy to:

- 1 The Director (Mining), Directorate General of Mines Safety, No.5, 14th Main (100ft) Road, 4th B Block, Koramangla, Bengaluru – 560034
- 2 Member Secretary, SEIAA, Thampanoor Bus Terminal, Thiruvananthapuram
- 3 The Chairman, SEIAA, Thampanoor Bus Terminal, Thiruvananthapuram.
- 4 The Deputy Chief Controller of Explosives, PESO, C2-III Floor, CGO Complex, Kakkanad, Ernakulam
- 5 The Environmental Engineer, Kerala State Pollution Control Board, District Office, Idukki.
- 6 The Secretary, Alakode Grama Panchayath, Idukki District.
- 7 The Tahsildar, Thodupuzha Taluk Office, Idukki District.
- 8 The Village officer, Alakode Village, Idukki District.
- 9 Shri. Jayachandra Panicker. P. S, Souparnika, Navajyothi Nagar, 39A, Kadappakada. P. O, Kollam District – 691 008
- 10 The Geologist, District Office of the Dept. of Mining and Geology, Idukki.
- 11 Stock File
- 12 File Copy

(By Order)

Handwritten signature
23/03/2024

Senior Superintendent



ANNEXURE 6
ENVIRONMENTAL MONITORING RESULTS

TEST REPORT

ULR No: TC121912300000711F

LRI No.: SEAAL23091245A

Date: 19-09-2023

Page 1 of 2

CUSTOMER DETAILS

Customer Name & Address	M/s Gimsak Developers Pvt. Ltd Alakkod, Thodupuzha Idukki District.
Customer Reference	Test Request Date: 12-09-2023

SAMPLE DETAILS


Product Category	Water	Sample Code	WT23090264
Sample Name	Ground Water	Sample Received on	13-09-2023
Sample Description by Customer	Bore Well - Near to Project Site	Temperature @ Receipt	27°C
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	14-09-2023
Sample Quantity & Packing	2 L in a Plastic Bottle	Test Completed on	18-09-2023
Information Provided by Customer	---	Sampled by	Not Drawn by Laboratory

SAMPLING SITE DETAILS


Survey No	163/1,163/2		
Village	Alakkod	Taluk	Thodupuzha
District	Idukki	State	Kerala

TEST RESULTS- CHEMICAL DISCIPLINE

Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500: 2012
1	Colour	IS 3025 (Part 4): 1983	Hazen	1	5 (Max)
2	Odour	IS 3025 (Part 5): 2018	---	Agreeable	Agreeable
3	Turbidity	IS 3025 (Part 10): 1984	NTU	0.3	1 (Max)


Nesny A.K.
Chemist
Checked by




Remya B.
TM-Biological
Authorized Signatory


Laiju P.N.
Laboratory Head
Authorized Signatory

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Standards Environmental & Analytical Laboratories

Accreditation & Approval: NABL accredited Testing Laboratory as per ISO/IEC 17025:2017

vide Certificate No. TC - 12191 & "A" Grade Laboratory approved by KSPCB.

'Standards' Bldg. No: 338/A,B,C,D,E (Behind BPCL Petrol Pump), Edayar, Muppathadam P.O., Ernakulam Dist. - 683 110

Tel. 0484-2546660, 93872 72402, 90743 41443, Web: www.sealabs.in, E-mail: sealab@gmail.com

TEST REPORT

ULR No: TC121912300000711F

LRI No.: SEAAL23091245A

Date: 19-09-2023

Page 2 of 2

TEST RESULTS- CHEMICAL DISCIPLINE

Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500: 2012
4	pH	IS 3025 (Part 11): 1983	---	7.05	6.50-8.50
5	Conductivity	IS 3025 (Part 14):1984	µS/cm	150	---
6	Total Dissolved Solids	IS 3025 (Part 16): 1984	mg/L	96.0	500 (Max)
7	Total Hardness as CaCO ₃	IS 3025 (Part 21): 2009	mg/L	50.0	200 (Max)
8	Calcium as Ca	IS 3025 (Part 40): 1991	mg/L	13.6	75 (Max)
9	Magnesium as Mg	IS 3025 (Part 46): 1994	mg/L	3.90	30 (Max)
10	Chloride as Cl	IS 3025 (Part 32): 1988	mg/L	25.2	250 (Max)
11	Total Alkalinity as CaCO ₃	IS 3025 (Part 23): 1986	mg/L	15.8	200 (Max)
12	Iron as Fe	IS 3025 (Part 53): 2003	mg/L	0.23	1 (Max)
13	Sulphate as SO ₄	IS 3025 (Part 24): 1986	mg/L	1.33	200 (Max)

TEST RESULTS - BIOLOGICAL DISCIPLINE

Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500: 2012
1	Total Coliform Bacteria	IS 15185: 2016	---	Absent/100ml	Absent/100 ml
2	E coli	IS 15185: 2016	---	Absent/100ml	Absent/100 ml

Remarks:

The water sample complies with drinking water Specification as per Acceptable Limit of IS10500:2012 with respect to above parameters tested.

End of Report



Nesny A.K.
Chemist

Checked by




Remya B.
TM-Biological

Authorized Signatory



Laiju P.N.
Laboratory Head

Authorized Signatory

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Tel. 0484-2546660, 93872 72402, 90743 41443, Web: www.sealabs.in, E-mail: seaalab@gmail.com

TEST REPORT

ULR No: TC121912300000712F

LRI No.: SEAAL23091246A

Date: 19-09-2023

Page 1 of 1

CUSTOMER DETAILS

Customer Name & Address	M/s Gimsak Developers Pvt. Ltd Alakkod, Thodupuzha Idukki District
Customer Reference	Test Request date: 12-09-2023

SAMPLE DETAILS

Product Category	Atmospheric Pollution	Sample Code	EN23090357
Sample Name	Ambient Air	Sample Received on	13-09-2023
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	14-09-2023
Sampled by	Lab Authorized Sampler	Test Completed on	18-09-2023

DETAILS OF SAMPLING

Sampling Location	Near Approach Road	Date of Sampling	12-09-2023
Sampling Procedure	SEAAL/ENL/GEN/SOP/02	Humidity	68%

SAMPLING SITE DETAILS

Survey No	163/1,163/2		
Village	Alakkod	Taluk	Thodupuzha
District	Idukki	State	Kerala

TEST RESULTS-CHEMICAL DISCIPLINE

SL NO	PARAMETERS	TEST METHOD	UNIT	RESULT	NAAQ STANDARDS
1	Particulate matter (PM ₁₀)	IS 5182 (Part 23): 2006	µg/m ³	63.4	100 (Max)
2	Particulate matter (PM _{2.5})	IS 5182 (Part 24): 2019	µg/m ³	25.8	60.0 (Max)
3	Sulphur dioxide (as SO ₂)	IS 5182 (Part 2): 2001	µg/m ³	<4.00	80.0 (Max)
4	Nitrogen dioxide (as NO ₂)	IS 5182 (Part 6): 2006	µg/m ³	<4.00	80.0 (Max)

End of Report



Nesny A.K.
Chemist
Checked by




Laju P.N.
Laboratory Head
Authorized Signatory

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Tel. 0484-2546660, 93872 72402, 90743 41443, Web: www.sealabs.in, E-mail: seaalab@gmail.com

TEST REPORT

ULR No: TC121912300000713F

LRI No.: SEAAL23091247A

Date: 19-09-2023

Page 1 of 2

CUSTOMER DETAILS

Customer Name & Address	M/s Gimsak Developers Pvt. Ltd Alakkod, Thodupuzha Idukki District
Customer Reference	Test Request date: 12-09-2023

SAMPLE DETAILS

Product Category	Atmospheric Pollution	Sample Code	EN23090358
Sample Name	Noise Level	Monitoring Commenced on	12-09-2023
Test Method	IS 9989:1981 RA:2008	Sampled by	Lab Authorized Sampler
Monitoring Location	Near Approach Road		

SAMPLING SITE DETAILS

Survey No	163/1,163/2		
Village	Alakkod	Taluk	Thodupuzha
District	Idukki	State	Kerala

MONITORING RESULTS - Leq

TIME	RESULTS dB(A)	TIME	RESULTS dB(A)	TIME	RESULTS dB(A)
06:00	37.5	14:00	50.3	22:00	36.4
07:00	40.2	15:00	50.7	23:00	35.4
08:00	44.5	16:00	51.9	24:00	38.0
09:00	48.0	17:00	52.2	01:00	38.7
10:00	50.3	18:00	46.8	02:00	38.3
11:00	53.4	19:00	43.3	03:00	39.1
12:00	50.7	20:00	39.5	04:00	38.0
13:00	49.9	21:00	39.0	05:00	39.8



Nesny A.K.
Chemist
Checked by




Laju P.N.
Laboratory Head
Authorized Signatory

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Tel. 0484-2546660, 93872 72402, 90743 41443, Web: www.sealabs.in, E-mail: seaalab@gmail.com

TEST REPORT

ULR No: TC1219123000000713F

LRI No.: SEAAL23091247A

Date: 19-09-2023

Page 2 of 2

Sl. No.	PARAMETERS	UNIT	RESULT
1	Ambient Sound Level (Leq) Day Time	dB(A)	48.8
2	Ambient Sound Level (Leq) Night Time	dB(A)	38.3

Remarks:

End of Report

Standards



Nesny A.K.
Chemist
Checked by



Laju P.N.
Laboratory Head
Authorized Signatory

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ANNEXURE 7
SITE PHOTOS





Mine benches