

From: ["Aziz Galaxy" <galaxyrocks25@hotmail.com>](mailto:galaxyrocks25@hotmail.com)

To: rosz.bng-mefcc@gov.in

Date: 5/7/2026 9:02:31 AM

Subject: submitting the Half yearly Compliance Report for the period of October 2025 to March 2026

Attachments: [HYCR -OCT 25-MARCH 26-GALAXY ROCKS 11zon.pdf](#)

Respected Sir,

I am herewith submitting the Half yearly Compliance Report for the period of October 2025 to March 2026 for your reference.

Name of Proponent: Mr. SHEMEEL R

Location: 416/10, 416/12, 416/3-2, 416/3, 416/3-3, 417/8, 417/7, 417/8 2, 417/3, 417/9, 417/2, 417/1-2, 413/2, 417/1-3, 417/1-6, 417/1-4, 417/1-5 in Kummil village, Kottarakkara Taluk, Kollam District

ENVIRONMENTAL CLEARANCE NO. 04/Q/2025 DATED 25/01/2025

Yours faithfully

Mr. SHEMEEL R

Managing Partner,

M/s GALAXY ROCKS

Date: 07/05/2026

From,

**M/s Galaxy Rocks
Building No II/206, Kummil P.O,
Kottarakkara, Kollam – 691 536
(Represented By Its Managing Partner, Shemeel R)
Mobile. No: 94474 23927**

To

**MoEF Regional Office
Southern Zone, Kendriya Sadan,
4th Floor, E & F Wing, II Block,
Koramangala, Bangalore – 560 034**

Respected Sir/Madam,

Sub: Submission of Half yearly compliance report in respect of Granite Quarry project of M/s. Galaxy Rocks in Re-Survey Nos. 416/10, 416/12, 416/3-2, 416/3, 416/3-3, 417/8, 417/7, 417/8 2, 417/3, 417/9, 417/2, 417/1-2, 413/2, 417/1-3, 417/1-6, 417/1-4, 417/1-5 in Kummil village, Kottarakkara Taluk, Kollam District, Kerala State- regarding.

Ref: Environmental Clearance issued vide letter No. 04/Q/2025 dated 25/01/2025.

With respect to above subject, we are herewith submitting the detailed half yearly Compliance Report for the period from **October 2025 to March 2026** to all the conditions stipulated in the Environmental Clearance (EC) issued vide reference cited above.

Thanking you

Yours faithfully



Shemeel R

(Managing Partner, M/s. Galaxy Rocks)

Copy to: The Member Secretary, State Level Environment Impact Assessment Authority, 4th floor, KSRTC terminal complex, Thiruvananthapuram – 695 014

COMPLIANCE REPORT FOR QUARRY PROJECT OF M/s GALAXY ROCKS

RE-SURVEY NOS	:	416/10, 416/12, 416/3-2, 416/3, 416/3-3, 417/8, 417/7, 417/8-2, 417/3, 417/9, 417/2, 417/1-2, 413/2, 417/1-3, 417/1-6, 417/1-4, 417/1-5
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EXTENT	:	4.2146 HA
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VILLAGE	:	KUMMIL
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TALUK	:	KOTTARAKKARA
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DISTRICT	:	KOLLAM
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STATE	:	KERALA
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ENVIRONMENTAL CLEARANCE

NO. 04/Q/2025 DATED 25/01/2025

HALF YEARLY COMPLIANCE REPORT

FOR THE PERIOD FROM OCTOBER 2025 TO MARCH 2026

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I.

ABOUT THE PROPONENT

M/s. Galaxy Rocks (Represented by Managing Partner, Sri. Shemeel R), residing at Building No. II/ 206, Kummil P. O, Kottarakkara, Kollam, is operating a Granite Building Stone Quarry in Re-Survey Nos. 416/10, 416/12, 416/3-2, 416/3, 416/3-3, 417/8, 417/7, 417/8 2, 417/3, 417/9, 417/2, 417/1-2, 413/2, 417/1-3, 417/1-6, 417/1-4, 417/1-5 in Kummil village, Kottarakkara Taluk, Kollam District. The State Environment Impact Assessment Authority (SEIAA), Kerala, has accorded Environmental Clearance vide No. 04/Q/2025 dated 25.01.2026 for the said project.

ABOUT THE PROJECT

a. Project Category:

The project comes under the Category B, Activity1(a), (i) of Schedule of EIA Notification 2006 and subsequent amendments.

b. Project Location:

Re-Survey Nos. 416/10, 416/12, 416/3-2, 416/3, 416/3-3, 417/8, 417/7, 417/8 2, 417/3, 417/9, 417/2, 417/1-2, 413/2, 417/1-3, 417/1-6, 417/1-4, 417/1-5 in Kummil village, Kottarakkara Taluk, Kollam District. The proposed project site falls within latitude and longitude value:

Latitude (N)	8°48'24.22"N to 8°48'23.36"N
Longitude (E)	76°55'41.04"E to 76°55'42.23"E

c. Project Extent and Activity:

The project is for quarrying of 15,90,000 MT for period of 12 years from the date of commencement of lease deed of building stone from an area of 4.2146 hectares.

d. Project Description:

M/s. Galaxy Rocks, represented by its Managing Partner Sri. Shemeel R, has obtained Environmental Clearance (EC) from SEIAA initially for a period of 5 years from the date of execution of the lease deed, with provision for extension to cover the total project life of 12 years. The proposed Granite (Building Stone) quarry, covering an extent of 4.2146 hectares, is located in Kummil Village, Kottarakkara Taluk, Kollam District, Kerala. The proponent has secured approval of the mining plan for a total production of 15,90,000 MT

over a period of 12 years. The total project cost is estimated at ₹3.25 crore.

II. REPORT OF
COMPLIANCE A. SPECIFIC
CONDITIONS

ITEM NO	STIPULATIONS IN EC	STATUS OF COMPLIANCE
S-1	The Project Proponent shall carry out quarrying as per the approved Mining Plan and as per the Specific Conditions mentioned hereafter. The Project Proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.	The Project Proponent shall undertake quarrying operations strictly in accordance with the approved Mining Plan and the specific conditions stipulated by SEIAA, while ensuring full compliance with the provisions of the Kerala Minor Mineral Concession Rules, 2015 and subsequent amendments.
S-2	The EC shall be valid from the date of execution of permit/lease from the Department of Mining and Geology. The copy of the permit / lease order should be provided to the SEIAA before commencing the mining activity.	The EC shall be valid from the date of execution of the permit/lease, and a copy of the same shall be submitted to SEIAA prior to commencement of mining operations.
S-3	The EC issued will be subject to a review by SEAC after every 5 years through field verification to ensure that mining is carried out sustainably as per the EC conditions.	Mining operations shall be carried out in compliance with the EC conditions. The proponent agrees to periodic review by SEAC at five-year intervals, including field verification, to ensure that no violations occur.
S-4	The depth of mining should be limited to 85m AMSL considering the depth to water table and the mineable resources shall be reworked accordingly by the Mining and Geology Department while approving the Scheme of Mining / issuing the lease or permit.	A modified mining plan is prepared by limiting the depth of mining to 85 AMSL. The mineable resources have been reassessed by the Mining and Geology Department.
S-5	The mining should be carried out without interrupting the first order drains or streams in the proposed area.	There are no first-order drains or streams in the vicinity of the project area; hence, the mining operations will not intersect any natural drainage channels.

S-6	The mitigation measures as per the EMP should be implemented comprehensively also by considering the adjacent quarries.	All mitigation measures in the EMP shall be implemented comprehensively, considering cumulative impacts from adjacent quarries, with proper monitoring to ensure impacts remain within permissible limits.
S-7	All the assurances and the mitigation measures ensured by the Project Proponent as per the minutes of public hearing dated 22.07.2023 should be complied with and submit the report along with HYCR.	All assurances and mitigation measures as committed during the Public Hearing held on 22nd July 2023 have been duly compiled and are enclosed herewith as Annexure – 12.
S-8	A temporary wall of 5m height should be erected between boundary pillars BP2 BP1-BP15 and BP10-BP11-BP12 to avoid disturbance and nuisance to the nearby residents.	Scrupulously follows the Directions contained.
S-9	The conditions stipulated in the NOC cited 5th, shall be scrupulously followed by the Project Proponent.	Scrupulously follows the Directions contained.
S-10	Development of green belt should be initiated prior to the commencement of mining using indigenous species. The suggested species are Phyllanthus emblica (Nelli), Syzygium cumini (Njaval), Writia tinctoria (Dhanthapala), Ficus bengalensis (Peral), Ficus racemosa (Atti), Bambusa bamboos (Mullumula), Dendrocalamus strictus (Kallan mula), Strychnos nuxvomica (Kanjiram), Terminalia cattappa (Thanni), Schleicheria oleosa (Poovam), Artocarpus hirsutus (Ayiniplavu) etc.	The quarry is currently in the initial stage of development during summer. The proponent will initiate greenbelt development after summer, carrying out planting during the monsoon season. Suitable species include Phyllanthus emblica (Nelli), Syzygium cumini (Njaval), Wrightia tinctoria (Dhanthapala), Ficus benghalensis (Peral), and Bambusa bambos (Mullumula).
S-11	Compensatory afforestation should be done prior to the commencement of mining, by planting local species of trees as proposed.	Compensatory afforestation has not yet been carried out; however, it will be undertaken after summer, prior to the commencement of mining, by planting the proposed native tree species.

S-12	Geotagged photographs of the progress of compensatory afforestation should be submitted along with HYCR.	Compensatory afforestation is yet to be carried out; it will be done after summer, before mining, and reported in the next HYCR.
S-13	Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.	Scrupulously follows the directions contained.
S-14	The haulage road should be provided with sprinkling facility to prevent dust pollution.	As the quarry is in its initial stage, sprinkler facilities will be provided in the subsequent stages of mining.
S-15	Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain should be provided prior to the commencement of mining.	Scrupulously follows the directions contained.
S-16	Garland drain, silt-traps, siltation ponds and outflow channels should be desilted periodically and geo-tagged photographs of the process should be included in the half-yearly compliance report (HYCR).	Scrupulously follows the directions contained.
S-17	Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration.	The proponent is aware of this requirement and will ensure that overflow water from the siltation pond is discharged to the nearby natural drain only after adequate filtration.
S-18	Drainage water should be monitored at different seasons by an NABL accredited lab and clear water should only be discharged into the natural stream. Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.	Scrupulously follows the Directions contained.
S-19	Overburden should be stored at the designed place and gabion wall should be provided for the topsoil and overburden storage sites.	The overburden, including topsoil, is higher than anticipated in the approved mining plan; accordingly, the excess topsoil is being heaped in designated areas and secured with gabion walls.
S-20	The impact of vibration due to blasting on the houses and other built structures	The impact of vibration due to blasting on the houses and other

	within 200m distance from the project boundary should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay prior to the commencement of mining by engaging an institution of national repute. The vibration monitoring should be done periodically and it should be included in the Half Yearly Compliance Report.	built structures within 200m distance from the project boundary should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay prior to the commencement of mining and is attached as annexure 9.
S-21	Implementation of CER Plan should be done during the first two years of the EC period itself and its operation and maintenance should be done till the completion of mine closure plan.	As part of the Community Environmental Responsibility (CER) commitments, the following initiatives have been proposed for the benefit of the local community within the jurisdiction of Kummil Grama Panchayat: i) <u>Construction of Ayurveda Hospital Building</u> The construction of an Ayurveda Hospital Building at Kummil Grama Panchayat has been proposed at an estimated cost of Rs. 40,20,000/-. A preliminary meeting was convened on 15th April 2023 at the office of the Secretary, Kummil Grama Panchayat, to deliberate on the project. The work is currently in its initial stage of planning and coordination. ii) <u>Construction of Library Building</u> A proposal has been put forth for the construction of a Library Building at E.K. Nayanar Arts and Sports Club, Thulasimukku, Kummil, at an estimated cost of Rs. 18,48,800/-. A meeting was held on 25th March 2023 to discuss the scope and modalities of the project. iii) <u>Development of Children's Park and Computer Lab Facilities at Government Higher Secondary School, Kummil</u> .The construction of

		a Children's Park within the school premises, along with the contribution of 12 computers and one UPS unit to the Computer Lab of Government Higher Secondary School, Kummil, has been proposed at a total estimated cost of Rs. 18,53,200/-. A meeting was held on 20th March 2023 to deliberate on the implementation of this proposal. The beneficiary letters and minutes of the respective meetings are enclosed herewith as Annexure – 4. The total estimated CER outlay across all three initiatives amounts to Rs. 76,22,000/-. It is hereby stated that the implementation of the CER Plan is yet to commence. The same shall be undertaken within the first two years of the Environmental Clearance (EC) period, and operation and maintenance activities shall continue until the successful completion of the Mine Closure Plan.
S-22	Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5.00 pm).	Transportation of mined material will not be carried out during peak hours (8:00–10:00 AM and 3:30–5:00 PM).



Figure 1: Caution board for truck drivers

S-23	Adequate sanitation, waste management and restroom facilities should be provided to the workers.	Adequate sanitation, waste management, and restroom facilities are provided to the workers.
S-24	Adequate energy conservation measures should be implemented including solar power installations. At least 40% of the energy requirement shall be met from the solar power.	Adequate energy conservation measures, including solar power installations, will be implemented, with at least 40% of the energy requirement met through solar power.
S-25	The Environment Management Cell (EMC) should include one subject expert in environment management. The proceedings of the monthly meeting of the EMC should be submitted along with the HYCR.	The Environment Management Cell (EMC) with one subject expert in environment management are attached as annexure 3.
S-26	Adequate measures should be adopted to harvest the rainwater as per the guidelines issued by the Central Groundwater Authority.	Aware of the conditions and will be followed.
S-27	Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.	Blasting mats are being used during rock blasting to contain the blast, prevent fly rock, and suppress dust.
S-28	Since there are 160 buildings within 100m radius and in the wake of occurrence of large scale landslides in the state, as per	Only NONEL (non-electrical) technology is used for blasting in a controlled manner to minimize

	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.	vibrations and prevent triggering natural hazards.
S-29	As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent should implement the Environment Management Plan (EMP)/CER as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, from the beginning of the project, indicating both physical and financial targets year wise. The EMP/CER shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support. The indicated cost for implementation of CER activities shall be 2% of the project cost.	Will follow the directions contained.
S-30	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 Hon'ble 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	Will follow the directions contained.

	monitored by SEAC at regular intervals.	
S-31	The Project Proponent is directed to install a CCTV camera and take all other essential measures to ensure that mining site is not used by antisocial elements for nefarious antisocial activities which are detrimental for peaceful coexistence in the project region. In case if such complaints are received, the EC given is likely to be cancelled after a police verification.	Aware of the condition mentioned and CCTV cameras have not yet been installed and will be installed in the next stage, along with all necessary measures to ensure the mining site is not misused by antisocial elements.
S-32	The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.	Aware of the conditions and will implement necessary methodologies to ensure strict compliance and prevent any violation of EC conditions.

B GENERAL CONDITIONS

ITEM NO	STIPULATIONS IN EC	STATUS OF COMPLIANCE
G-1	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.	The proponent has provided notarized affidavit (indicating the number and date of environmental Clearance proceedings) that all the conditions stipulated in the EC has been scrupulously followed. (Details attached as Annexure 1)
G-2	All the statutory clearances should be obtained, as applicable, by project proponents from the respective competent authorities including that for blasting and storage of explosives. Copies of all statutory clearances shall be submitted along with First Half Yearly Compliance Report.	All statutory clearances from competent authorities, including permissions for blasting and storage of explosives, have been obtained, and copies of the same are attached along with this Half Yearly Compliance Report.
G-3	The project proponent should advertise in newspapers that the project has been accorded Environmental Clearance and copies of clearance letters are available in the Office of State Environment Impact Assessment Authority (SEIAA) and on the website of the Authority at www.seiaakerala.in . The advertisement should be in at least two local newspapers widely circulated in the region, one of which shall be in the vernacular language. The advertisement should be made within 10 days from the date of receipt of the Environmental Clearance letter and a copy of the same signed in all pages should be forwarded to the office of this Authority as confirmation.	Advertised in local newspaper and submitted a copy is (enclosed as Annexure:10)

G-4	The proponent shall send a copy of the EC to concerned Grama Panchayat/ District Panchayat/ Municipality/Corporation/Urban Local Body and also to the Local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The Environmental Clearance shall also be uploaded on the website of the company.	Scrupulously follows the directions contained.
G-5	The lease area shall be fenced off with barbed wires to a minimum height of 4ft around, before starting of mining. All the boundary indicators (boards, stores, markings, etc. shall be conspicuous and maintained at all times.	Scrupulously follows the directions contained.
G-6	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.	The conditions of Environmental Clearance are prominently displayed in a metallic board.



Figure 2: Photograph showing details of the environmental clearance prominently displayed in a metallic board

G-7

Explosives should be stored in magazines in isolated place specified and approved by Explosive Department. Mats to reduce fly rock blasts to a maximum of 10PPV should be provided.

Scrupulously follows the directions contained. (Explosive license is attached as Annexure 7).



Figure 3: Photograph of Magazine

G-8

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

Warning alarms shall be installed in the project site.

G-9	Access roads to quarry shall be black topped to contain dust emissions that may arise during transportation of materials. The transportation of minerals should be done in covered trucks to contain dust emissions.	Access road to quarry is tarred to contain dust emissions that may arise during transportation of materials.
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Figure 4: Photograph showing black topped road

G-10	A separate environmental management cell (EMC) with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization. The cell should have representative of Bio-diversity Management Committee of the Panchayath and a representative of NGO. If any active in the area. The EMC should meet at least once in six- months and review the activities and minutes should be a part of the compliance report.	A separate environmental management cell with suitable qualified personnel has been set-up under the control of a Senior Executive, who will report directly to the Head of the Organization. (Details of EMC is attached as Annexure 3).
G-11	Quarrying has to be carried out as per approved mining plan with the suggestions from SEAC incorporated and following KMMC rules 2015 and the amendments thereby.	Quarrying will be carried out as per the approved mining plan, incorporating the suggestions of SEAC and in compliance with KMMC Rules, 2015 and subsequent amendments.

G-12	The quarrying operation shall be restricted between 7 AM to 5 PM	The Conditions are followed
G-13	Rain water Harvesting facility should be installed as per the prevailing provisions of KMBR/KPBR. Unless otherwise specified. Maximum possible solar energy generation and utilization shall be ensured as an essential part of the project.	Rainwater harvesting and maximum feasible solar energy utilization will be implemented as per applicable KMBR/KPBR provisions.
G-14	Maximum depth of mining shall be as per the mining plan and as per specific direction of SEAC after field inspection. The Maximum depth of mining should not be deeper than the local ground water table. No mining operations should be carried out a place having a slope greater than 45°.	The mining depth was revised post-EC as advised during site inspection, and a modified mining plan has been approved; no area has a slope exceeding 45°, hence no stability issues are anticipated.
G-15	The Height of any bench shall not exceed five meters and breadth shall not less than the height.	Height of the benches is maintained at 5 x 5 m.
G-16	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.	Ensured that no natural water course and/or water resources were obstructed due to any mining operations.
G-17	A Minimum buffer distance specified as per existing rules and statutory orders shall be maintained from the boundary of the quarry to the nearest dwelling unit or other structures and from forest boundaries or any other ecologically-sensitive and archeologically important areas or the specific distance specified by SEIAA in EC as per the recommendations of SEAC depending on specific local	Minimum buffer distance of 50m from the boundary of the quarry to the nearest dwelling unit or other structure is provided. 50m buffer distance is maintained from forest boundaries

	conditions.	
G-18	The proponent should plant seedlings at least 5 times of the loss of trees that has occurred while clearing the land for the project and follow planting measures as suggested by SEAC. Suitable avenue trees should be planted along the sides of the approach road and internal roads and open parking areas, if any. Preference should be given to endemic native and fruit bearing species. Planting in buffer areas should be taken up beforehand. Proper upkeep and maintenance of planted seedlings shall be ensured by the project proponent.	Scrupulously follows the directions contained.
G-19	The Proponent should ensure that the vegetation in the buffer is retained, maintained and strengthened with additions of native broad-leaved plants.	The conditions followed
G-20	Eco-restoration including the mine closure plan shall be done at the own cost of the project proponent. This eco-restoration should follow scientific standards available for restoration. Full recovery of the original vegetation and improving the resilience of different ecosystems. Overburden materials should be managed within the site and used for reclamation of mined pit as per mine closure plan / specific conditions.	To maintain eco restoration, periodical afforestation and maintenance of the plantation will be made, rain harvesting and dust controlling will be done. Mining will be carried by ecofriendly method.
G-21	At least 10 percent out of the total excavated pit area should be retained as water storage areas and the remaining area should be reclaimed	At the time of the closure of the mine, it shall be ensured that the directions contained are scrupulously followed.

	with stacked dumping and overburden and planted with suitable indigenous plant species, if no other specific condition on reclamation of pit is stipulated in the E.C. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining.	
G-22	Control measures on noise and vibration prescribed by KSPCB should implemented. Quarrying activities should be limited to day time as per KSPCB guidelines/ specific conditions.	Quarrying activities is limited as per KPSCB guidelines.
G-23	Periodical monitoring of the vibrations at specified location (preferably at a distance of 50 m and 100m) to be conducted and records kept for inspection. This could also form a part of the compliance reports.	Scrupulously follows the directions contained.
G-24	Speed of trucks entering or leaving the mine site is to be limited to moderate speed of 25 kmph to prevent undue noise from empty trucks.	The speed of trucks entering or leaving the mine site is limited to 25 kmph to prevent undue noise from empty trucks.
G-25	Acoustic enclosures should be provided to reduce sound amplifications in addition to the provisions of green belt and hollow brick envelop for crushers so that the noise level is kept within prescribed standard limit indicated by CPCB/KSPCB.	To reduce sound amplifications green belt is provided.
G-26	Blasting should be done in a controlled manner using NONEL technique as specified by the regulations of petroleum and explosive safety organization (GOI) or any other concerned authorized agency. A Licensed person should supervise/ control the blasting operations.	Licensed person is appointed to supervise the blasting operations (Details is attached as Annexure 8).

G-27	Measures should be taken for control of noise levels below 85dBA in the work environment.	Measures have been taken for the control of noise levels below 85DbA in the work environment such as green belt is provided and regular monitoring of noise is done and indicates all the values to be within stipulated norms. (Lab report of noise is attached as annexure 11)
	Project proponent should obtain necessary prior permission of the competent authorities for drawing requisite quantity of surface water and ground water for the project.	Scrupulously follows the directions contained.
G-29	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.	Regular monitoring reports indicated all the values to be within stipulated norms and are reported in the six-monthly reports to SEIAA.
G-30	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 in to the river and other water bodies. The water so collected should be utilized for watering the mine area, roads, green development etc. The drains shall be regularly desilted and maintained properly, particularly, after monsoon.	As the mine is in its initial stage of quarrying, catch drains and siltation ponds have not yet been constructed and will be developed in the next phase of operations.
G-31	Regular Monitoring of ground water level and quality shall be carried out around the mine area during mining operation. If any stage it is observed that ground water table is getting depleted due to the mining activity; necessary corrective measures shall be carried out.	Scrupulously follows the directions contained
	Garland drains and slit traps are to be	As the mine is in its initial stage of quarrying, catch drains and siltation ponds

G-32	provided in the slopes around the core area to channelize storm water. De silting of Garland canal and slit traps have to be attended on a daily basis. A Labour has to be specifically assigned for the purpose. The proponent shall ensure the quality of the discharging storm water as per the General Effluent Discharges standards of CPCB.	have not yet been constructed and will be developed in the next phase of operations; necessary arrangements will be made accordingly.
G-33	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 the E.C was issued, the project would require a fresh appraisal by this Authority, for which the proponent shall apply and get the approval of this Authority. In the case of transfer of ECs, the matter shall be intimated and get the approval from the Authority as per the existing norms.	Scrupulously follows the directions contained.
G-34	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.	Scrupulously follows the directions contained.
G-35	The top soil, if any, shall be temporarily 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	Topsoil and overburden are higher than anticipated in the approved mining plan; the topsoil is stored separately at designated locations for future use in reclamation.

earmarked dumpsite(s) only. The maximum height of the dumps shall not exceed 8m and width 20m and overall slope of dumps shall be maintained to 45°. The OB dumps should be scientifically vegetated with suitable native species to prevent erosion and surface runoff. In critical areas, use of geo textiles shall be undertaken for stabilization of the dump. Protective wall or gabions should be made around the dump to prevent erosion/ flow of sediments during rains. The entire excavated area shall be backfilled.



Figure 5: Photograph of OB Dump

G-36	All the mining equipment used in Mining like backhoe loaders and excavators cause pollution and hence shall be serviced regularly & maintained for their efficient functioning and for reducing pollution, Disposal of spent oil from diesel engines should be as specified under relevant Rules/ Regulations	All mining equipment are regularly serviced and maintained to reduce pollution, and spent oil is disposed of as per relevant rules and regulations.
G-37	All Vehicles used for transportation and within the mines shall have 'PUC'	All the vehicles being used in the Quarry are having PUC Certificate and wheel

	certificate from authorized pollution checking Centre. Washing of all Vehicles shall be inside the lease area.	washing facility is being made inside the lease area.
G-38	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 Monitoring of Ambient Air Quality to be carried out based on the Notification 2009. As amended from time to time by the Central Pollution Control Board.	Adequate safeguard measures to reduce emission of high levels of PM10 and PM2.5 along haul road, loading and unloading points by regular water sprinkling and wetting of haul roads. Periodical monitoring of ambient air quality reports indicated all the values to be within stipulated norms. (Lab report of air is attached as annexure 9)
G-39	Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement at project site, parking area, on haul roads, loading and unloading and at transport points should be provided and properly maintained.	Scrupulously follows the directions contained.
G-40	Corporate Environmental Responsibilities (CER) as prescribed by SEIAA/ SEAC should be carried out leading to Environmental stability of the project region. The activities carried out under CER should be part of the half yearly compliance report. The certificates from the beneficiaries, if the CER part is completed should also be submitted to the state Environment Impact Assessment Authority (SEIAA) along with year wise expenditure.	Activities towards Corporate Environmental Responsibilities are being implemented.
G-41	The Project proponent is responsible for implementing all the provisions of labour laws applicable from time to time to quarrying/Mining operations. The workers on the site should be provided with in-site accommodation or facilities at a suitable boarding place. Protective equipment such as ear muffs, helmet etc.	Scrupulously follows the directions contained

G-42	The Proponent has to provide insurance protection to the workers in the case of existing mining or provide the affidavit in case of fresh lease before execution of mining lease.	Scrupulously follows the directions contained
G-43	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. The report of health surveillance programme should be included in half yearly compliance reports.	Project Proponent has established a First Aid Facility in the Quarry area and also following an efficient and approved surveillance program for workers periodically to ensure the health and safety of the workers.
G-44	The pits in the abandoned quarries and in the mined area shall be used for activities like water harvesting, aqua culture etc. in an ecofriendly manner.	Scrupulously follows the directions contained
G-45	If Government Land is partly or fully used for mining, the area shall be returned at the end of the lease period after mine closure with separate demarcation with suitable survey marks.	Scrupulously follows the directions contained
G-46	Any accident occurring in the mined-out area after the lease period due to negligence in carrying out safety measures and non- closure. Will lead to suspension of all EC obtained for mining by the proponent.	Is aware of this condition and will ensure all necessary safety measures and proper mine closure to prevent any such incidents.
G-47	In case of transfer of EC, the matter shall be intimated and approval from the Authority shall be obtained as per the existing norms.	Scrupulously follows the directions contained
G-48	The proponent shall submit Half Yearly Compliance Reports (1 st of June & 1 st of December) on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies	Half yearly compliance reports will be submitted.

	as well as by e-mail) and upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall be simultaneously sent to the respective Regional Office of Ministry of Environment, Forests and Climate Change, Govt. of India and also to the Office of State Environment Impact Assessment Authority (SEIAA). The proponent has to submit Environmental statement in form V of Environment (Protection) Rules 1986 to SPCB on 31 st March every year.	
G-49	The Project authorities should extend full cooperation to the officer (s) from the Regional Office of MOEF & CC located At Bangalore/SEAC/SPCB/CPCB/ dept of Mining and Geology. While monitoring compliance of the stipulated conditions by furnishing the requester data/ information monitoring reports.	Scrupulously follows the directions contained
G-50	The above conditions shall prevail notwithstanding anything to the contrary., in consistent or simplified contained in any other permit license on consent given by any other authority for the same project.	Aware of the condition.
G-51	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	All the safeguard measures are done as per Environment (Protection) Act, 1986.

	time bound and satisfactory manner.	
G-52	The EC given will be withdrawn at any time if the area is declared high hazardous by the SDMA.	Aware of the condition.
G-53	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.	Environmental Clearance is subjected by SEIAA. And there are no pending court cases. (Details of EC is attached as Annexure 2)
G-54	Any appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010	No appeal has been done regarding grant of EC within a stipulated period of 30 days from the date of grant of EC.
G-55	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.	Aware of the condition.
G-56	The SEIAA may revoke in suspend the order for non-implementation of any of the specific or any of the above conditions. The SEIAA reserves the right to after/modify the above conditions or stipulate any further condition in the interest of environmental protection.	Aware of the condition.
G-57	As per regulation no.106(2) of metalliferous mines regulation under Mines Act, the height of any bench shall not exceed six meters and breadth shall not be less than the height.	The height and breadth of benches will be maintained.

ANNEXURES

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NON JUDICIAL

₹200



₹200

കേരള സർക്കാർ
GOVERNMENT OF KERALA
e-Stamp

e-Stamp Serial Number : 202627000000509924

Verification Code : 445718756V

Govt. Reference No.(GRN)	: KL003988835202627E
Purpose	: Affidavit
Amount of Stamp Paper Purchased in Numeral	: ₹ 200
Amount of Stamp Paper Purchased in Words	: Rupees Two Hundred
Stamp Paper Purchased on	: 25/04/2026 16:34:47
First Party Name	: SHEMEEL MANAGING PARTNER
First Party Address	: SHEKEEK MANZIL PALLIMON P O
Second Party Name	: CHAIRMAN
Second Party Address	: EC OFFICE THIRUVANANTHAPURAM
Vendor Code & Name	: 03042174 - S.JAYASANKAR
Treasury Code & Name	: 0304 - Sub TreasuryChathanoor

Please write or type below this line

I Shemeel R, Managing Partner , Building No. II/206, Kummil P.O, Kottarakkara , Kollam District do hereby solemnly affirm and confirm as follows :-

1. That I have proposed a Granite Building Stone quarry which is situated at Block No. 50, Re.Sy.No. 416/10, 416/12, 416/3-2, 416/3, 416/3-3, 417/8, 417/7, 417/8-2, 417/3, 417/9, 417/2, 417/1-2, 413/2, 417/1-3, 417/1-6, 417/1-4, 417/1-5, 4.2146 Ha in Kollam District, Kottarakkara Taluk, Kummil Village.

Signed this before me
at my office at Kollam
on this the.25. day of
.A.pril.....20.2..6.

Shemeel R.

C.G.SURESH KUMAR
Advocate & Notary
Reg No. 497/2012/KLM
Ph 9447454948



C.G.SURESH KUMAR
Advocate & Notary
Reg No. 497/2012/KLM
Ph 9447454948

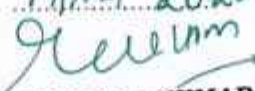
This can be verified at http://estamp.treasury.kerala.gov.in/index.php/estamp_search using e-Stamp Serial Number and Verification Code.

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

S.JAYASANKAR
Stamp Vendor
Chathanoor

2. That I will constitute an Environmental Monitoring cell for out project.
3. That I will provide the systems to minimize dust emissions.
4. That I will provide adequate safety measures for the construction workers during the construction phase.
5. That I will provide green belt species shall be planted in the excavated pit for eco restoration ,




Shemeel R.
Signed this before me
at my office at Kollam
on this the 25th day of
17th 2026

C.G. SURESH KUMAR
Advocate & Notary
Reg.No.49/2024/KLM
Ph : 9446854040



Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment
Authority(SEIAA), KERALA)

To,

The -1
GALAXY ROCKS
M/s Galaxy Rocks
Building No. II/206
Kummil P.O, Kottarakkara
Kollam
Pin- 691 536 -691536

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the SEIAA vide proposal number SIA/KL/MIN/445259/2023 dated 27 Oct 2023. The particulars of the environmental clearance granted to the project are as below.

- | | |
|--|---|
| 1. EC Identification No. | EC25B001KL191421 |
| 2. File No. | 2162/EC2/2022/SEIAA |
| 3. Project Type | New |
| 4. Category | B |
| 5. Project/Activity including Schedule No. | 1(a) Mining of minerals |
| 6. Name of Project | Granite Building Stone Quarry of M/s Galaxy Rocks |
| 7. Name of Company/Organization | GALAXY ROCKS |
| 8. Location of Project | KERALA |
| 9. TOR Date | N/A |

The project details along with terms and conditions are appended herewith from page no 2 onwards.

Date: 25/01/2025

(e-signed)
Dr Karthikeyan S IAS
Member Secretary
SEIAA - (KERALA)

Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH. Please quote identification number in all future correspondence.

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

*(Present: Dr.H.Nagesh Prabhu IFS (Retd), Chairman,
Shri.K.Krishna Panicker, Member, Dr. Rathan U.Kelkar IAS, Member Secretary)*

**Sub:- Environmental Clearance for the Granite Building Stone Quarry Project of
Sri. Shemeel R, Managing Partner, M/s. Galaxy Rocks, Building No. II/ 206,
Kummil P. O., Kottarakkara, Kollam - Granted – Orders issued.**

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY, KERALA

Proposal No. SIA/KL/MIN/445259/2023

File No. 2162/EC2/2022/SEIAA

- Ref:1. Application for EC received from Sri. Shemeel R via PARIVESH on 27.10.2023
2. Minutes of the 169th SEAC meeting held on 07th, 08th & 09th August 2024
 3. Minutes of the 148th SEIAA meeting held on 27th & 28th September 2024
 4. Minutes of the 151st SEIAA meeting held on 30th & 31st December 2024
 5. Proceedings No. D1-4036/EE1/KLM/2024 dated 01.11.2024 from the Executive Engineer, Irrigation Division (Major), Kollam

ENVIRONMENTAL CLEARANCE NO. 04/Q/2025

Sri. Shemeel R, Managing Partner, M/s. Galaxy Rocks, Building No. II/ 206, Kummil P. O, Kottarakkara, Kollam submitted an application vide paper read as 1st above for Environmental Clearance for the Granite Building Stone Quarry Project for an area of 4.2146 Ha at Block No.50, Re-Sy Nos. 416/10, 416/12, 416/3-2, 416/3, 416/3-3, 417/8, 417/7, 417/8-2, 417/3, 417/9, 417/2, 417/1-2, 413/2, 417/1-3, 417/1-6, 417/1-4, 417/1-5 in Kummil village, Kottarakkara Taluk, Kollam.

I. Project Details

Sl. No	Particulars	Details
1	Name of the Project	Granite Building Stone Quarry Project of M/s Galaxy Rocks
2	Proposed Activity	Mining of Granite Building Stone
3	Name of the Sector & Schedule No. (in the EIA Notification, 2006)	Non Coal mining, Activity 1(a), Category B2
4	Name & Address of the Project Proponent	Sri. Shemeel R Managing Partner M/s. Galaxy Rocks Building No. II/ 206, Kummil P. O, Kottarakkara Kollam-691536
5	Project Location	
	a) Block No.	50
	b) Re-Survey Nos.	416/10, 416/12, 416/3-2, 416/3, 416/3-3, 417/8, 417/7, 417/8-2, 417/3, 417/9, 417/2, 417/1-2, 413/2, 417/1-3, 417/1-6, 417/1-4, 417/1-5
	c) Revenue Village	Kummil
	d) Taluk	Kottarakkara
	e) District	Kollam
6	Extent (in Hectare)	4.2146 Ha
7	Project Cost (in Crore)	₹ 3.25 Crore
8	Mineable Reserve	The Mining & Geology Department shall reassess the mineable reserve as per Specific Condition No. (4).
9	Field Inspection Date	26.02.2024

II. EMP Details

Sl. No.	Particulars	Details	Capital Cost (Rs)	Recurring Cost/year (Rs)
1	EMC meetings and its necessary record keeping	-	-	30,000
2	Training for Workers	-	-	30,000
3	Free Medical Camps for the operational workers	-	-	1,00,000
4	Grievance redressal system for	-	-	15,000

	workers			
5	Grievance redressal system for local population	-	-	20,000
6	Environment Monitoring	(Core and Buffer Zone) Air Quality, Soil Quality, Water Quality, Noise Levels, Ground Vibration, Traffic study, Onsite meteorology and Hydrogeological Study	-	4,83,000
7	Vehicle and machinery inspection camps	-	-	60,000
8	Air Pollution Control	Dust Collector, Water sprinkler, Polythene sheet and Wheel Washing	4,00,000	40,000
9	Water pollution Control	Garland Drains, Water Storage Tank, Waste Tank, Check Dams and Silt traps	4,50,000	45,000
10	Green Belt Development	Saplings, Plant Guard, landscaping - 2,720 saplings including cost of afforestation	32,64,000	3,26,400
11	Solid Waste Management & Domestic Effluent management	Dumping Yard retaining wall and Sewage treatment	5,00,000	50,000
12	Quarry Approach Road (8 m width) Maintenance	-	-	6,00,000
13	Bio Diversity Assessment	Flora and Fauna	25,000	-
14	Fire Fighting Equipment	Fire Extinguishers, Smoke Detectors and Fire Suit	2,00,000	20,000
15	Occupational Health and Safety	Helmet, Mask, Hand Gloves, Mining Safety Shoes (37 workers)	2,22,000	-
16	Traffic Management Measures	-	11,250	2,26,000
17	Environmental Auditing	-	-	1,50,000
Total			50,72,250	21,95,400 (per year)
Grand Total			72,67,650	

III. CER Details

Sl. No.	Details	Total (in Rs.)
First Year		
1	Sponsoring 12 computers and 1 UPS in Govt. Higher Secondary School, Kummil as per demand raised by School authorities	5,03,200
2	Open Auditorium at Govt. UP School, Mankadu	12,75,000
Second Year		
3	Construction of a library building in E K Nayanar Arts and Sports Club, Thulasimukku, Kummil	18,48,800
4	Construction of a hospital building for the Ayurveda Hospital, Kummil Panchayath, Ward No. 8	40,00,200
Total		76,27,200
Maintenance Cost		78,000
Grand Total		77,05,200

2. After due appraisal, in the 169th meeting, the SEAC recommended EC for a period of 12 (Twelve) years subject to certain Specific Conditions in addition to the General Conditions.

3. In the 148th meeting, the Authority noticed that the SEAC had appraised the project based on Form 1, Pre-Feasibility Report, Mining Plan, additional details/documents obtained from the Project Proponent and the Field Inspection Report and recommended EC for 12 years subject to certain Specific Conditions in addition to the General Conditions, after the submission of NOC from the Irrigation Department in compliance to Section 40(2) of the Kerala Irrigation and Water Conservation Act, 2003 as ordered by the Hon'ble High Court of Kerala in WP(C) No.30737/2022 dated 19.04.2024. The Authority noted that for the sustainable management of quarry operations, the approved mining plan is revised every five years till the project life of mine as per KMMC Rules, incorporating scheme of activities to be carried out for the next 5 years. Authority is of the opinion that it is essential to match these procedures and time lines followed in the department of Mining and Geology with the time lines of ECs issued for the sustainable management of quarry operations and protection of environment in the project region.

In these circumstances, the Authority decided to accept the recommendations of 169th SEAC meeting and to issue Environmental Clearance initially for a period of 5 years from the date of execution of mine lease / permit and then to extend the EC period

to cover the project life of 12 (Twelve) years, subject to the review by SEAC at the end of every five years, to verify whether the Project Proponent has violated any of the EC conditions and thereby caused any damage to the Environment in the project region. The issuance of EC is subject to the production of NOC from the Irrigation Department. The project proponent had submitted the NOC from the Executive Engineer, Irrigation Division (Major), Kollam vide Proceedings No. D1-4036/EE1/KLM/2024 dated 01.11.2024.

The EC is subject to General Conditions and the following Additional Specific Conditions.

- 1. The Project Proponent shall carry out quarrying as per the approved Mining Plan and as per the Specific Conditions mentioned hereafter. The Project Proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.*
- 2. The EC shall be valid from the date of execution of permit/lease from the Department of Mining and Geology. The copy of the permit / lease order should be provided to the SEIAA before commencing the mining activity.*
- 3. The EC issued will be subject to a review by SEAC after every 5 years through field verification to ensure that mining is carried out sustainably as per the EC conditions.*
- 4. The depth of mining should be limited to 85m AMSL considering the depth to water table and the mineable resources shall be reworked accordingly by the Mining and Geology Department while approving the Scheme of Mining / issuing the lease or permit.*
- 5. The mining should be carried out without interrupting the first order drains or streams in the proposed area.*
- 6. The mitigation measures as per the EMP should be implemented comprehensively also by considering the adjacent quarries.*
- 7. All the assurances and the mitigation measures ensured by the Project Proponent as per the minutes of public hearing dated 22.07.2023 should be complied with and submit the report along with HYCR.*
- 8. A temporary wall of 5m height should be erected between boundary pillars BP2-BP1-BP15 and BP10-BP11-BP12 to avoid disturbance and nuisance to the nearby residents.*

9. *The conditions stipulated in the NOC cited 5th, shall be scrupulously followed by the Project Proponent.*
10. *Development of green belt should be initiated prior to the commencement of mining using indigenous species. The suggested species are Phyllanthus emblica (Nelli), Syzygium cumini (Njaval), Writia tinctoria (Dhanthapala), Ficus bengalensis (Peral), Ficus racemosa (Atti), Bambusa bamboos (Mullumula), Dendrocalamus strictus (Kallan mula), Strychnos nuxvomica (Kanjiram), Terminalia cattappa (Thanni), Schleicheria oleosa (Poovam), Artocarpus hirsutus (Ayniplavu) etc.*
11. *Compensatory afforestation should be done prior to the commencement of mining, by planting local species of trees as proposed.*
12. *Geotagged photographs of the progress of compensatory afforestation should be submitted along with HYCR.*
13. *Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.*
14. *The haulage road should be provided with sprinkling facility to prevent dust pollution.*
15. *Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain should be provided prior to the commencement of mining.*
16. *Garland drain, silt-traps, siltation ponds and outflow channels should be desilted periodically and geo-tagged photographs of the process should be included in the half-yearly compliance report (HYCR).*
17. *Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration.*
18. *Drainage water should be monitored at different seasons by an NABL accredited lab and clear water should only be discharged into the natural stream. Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.*
19. *Overburden should be stored at the designed place and gabion wall should be provided for the topsoil and overburden storage sites.*
20. *The impact of vibration due to blasting on the houses and other built structures within 200m distance from the project boundary should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay prior to the*

commencement of mining by engaging an institution of national repute. The vibration monitoring should be done periodically and it should be included in the Half Yearly Compliance Report.

- 21. Implementation of CER Plan should be done during the first two years of the EC period itself and its operation and maintenance should be done till the completion of mine closure plan.*
- 22. Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5.00 pm).*
- 23. Adequate sanitation, waste management and restroom facilities should be provided to the workers.*
- 24. Adequate energy conservation measures should be implemented including solar power installations. At least 40% of the energy requirement shall be met from the solar power.*
- 25. The Environment Management Cell (EMC) should include one subject expert in environment management. The proceedings of the monthly meeting of the EMC should be submitted along with the HYCR.*
- 26. Adequate measures should be adopted to harvest the rainwater as per the guidelines issued by the Central Groundwater Authority.*
- 27. Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*
- 28. Since there are 160 buildings within 100m radius and 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.*
- 29. As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent should implement the Environment Management Plan (EMP)/CER as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, from the beginning of the project, indicating both physical and financial targets year wise. The EMP/CER shall be implemented in consultation with Local Self Govt.*

Institutions. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support. The indicated cost for implementation of CER activities shall be 2% of the project cost.

30. 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 Hon'ble 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.

31. The Project Proponent is directed to install a CCTV camera and take all other essential measures to ensure that mining site is not used by antisocial elements for nefarious antisocial activities which are detrimental for peaceful coexistence in the project region. In case if such complaints are received, the EC given is likely to be cancelled after a police verification.

32. The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.

4. Environmental Clearance as per the EIA Notification, 2006 is hereby accorded for the Granite Building Stone Quarry Project of Sri. Shemeel R, Managing Partner, M/s. Galaxy Rocks, Building No. II/206, Kummil P. O., Kottarakkara, Kollam for an area of 4.2146 Ha at Block No.50, Re-Sy Nos. 416/10, 416/12, 416/3-2, 416/3, 416/3-3, 417/8, 417/7, 417/8-2, 417/3, 417/9, 417/2, 417/1-2, 413/2, 417/1-3, 417/1-6, 417/1-4, 417/1-5 in Kummil Village, Kottarakkara Taluk Kollam, initially for a period of 5 years from the date of execution of mine lease / permit as per S.O.1807 (E) dated 12.04.2022 of MoEF & CC and then to extend the EC period to cover the project life of 12 (Twelve) years subject to the review by SEAC at the end of every five years, for the quantity reassessed by the Mining & Geology Department as per specific condition No.(4). The EC is subject to the Specific Conditions stipulated by SEIAA in Para 3 above, and all the environmental impact mitigation and management measures undertaken by the Project Proponent in the Form I, EMP, PFR and Mining Plan submitted to SEIAA. The assurances and clarifications given by the Project Proponent will deemed to be a part of this Proceedings as if incorporated herein. Also the General

Conditions for projects stipulated for mining (items 1 to 57), mentioned below will be applicable and have to be strictly adhered to.

5. The Environmental 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. The above undertakings and the conditions and the undertakings of the Mining Plan in (Mining), (Blasting), (Mines Drainage), (Stacking of Mineral rejects and Disposal of waste), (Environment Management Plan) & (Progressive Mine Closure Plan) as submitted will deemed to be part of this Proceedings as conditions as undertaken by the project proponent, as if incorporated herein.

6. Validity of the Environmental Clearance will be initially for **Five (5) years** and then to extend the EC period to cover the project life of **12 (Twelve) years**, subject to the review by SEAC in every five years, or earlier review of EC in case of violation or non – compliance of any of the conditions or genuine complaints from residents within the security area of the quarry.

7. Compliance with the conditions herein will be monitored by the State Level Environment Impact Assessment Authority or its authorised offices and also by the Regional Office of the Ministry of Environment, Forest & Climate Change, Govt. of India, Bangalore. 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. Instances of violation if any shall be reported to the **District Collector, Kollam** by the State Level Environment Impact Assessment Authority – Kerala.

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

9. The given address for correspondence with the authorised signatory of the project is Sri. Shemeel R, Managing Partner, M/s. Galaxy Rocks, Building No. II/206, Kummil P. O., Kottarakkara, Kollam-691536.

GENERAL CONDITIONS

- 1. 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.*
- 2. All the statutory clearances should be obtained, as applicable, by the project proponent from the respective competent authorities including that for blasting and storage of explosives. Copies of all statutory clearances shall be submitted along with First Half Yearly Compliance Report.*
- 3. The project proponent should advertise in news papers that the project has been accorded Environmental Clearance and copies of clearance letters are available in the Office of State Environment Impact Assessment Authority (SEIAA) and on the website of the Authority at www.seiaakerala.in. The advertisement should be in at least two local newspapers widely circulated in the region, one of which shall be in the vernacular language. The advertisement should be made within 10 days from the date of receipt of the Environmental Clearance letter and a copy of the same signed in all pages should be forwarded to the office of this Authority as confirmation.*
- 4. The proponent shall send a copy of the EC to concerned Grama Panchayat/ District Panchayat/ Municipality/Corporation/Urban Local Body and also to the Local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The Environmental Clearance shall also be uploaded on the website of the company.*
- 5. The lease area shall be fenced with barbed wire to a minimum height of 4ft around, before starting mining. All the boundary indicators (boards, markings, etc) shall be conspicuous and maintained at all times.*
- 6. 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 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.*
- 7. Explosives should be stored in magazines in isolated place specified and approved by the Explosives Department. Mats to reduce fly rock blasts to a maximum of 10 PPV should be provided.*
- 8. Warning alarms indicating the time of blasting (to be done at specific timings) has to be*

arranged stipulated by Explosive Department.

- 9. Access roads to the quarry shall be black topped to contain dust emissions that may arise during transportation of materials. The transportation of minerals should be done in covered trucks to contain dust emissions.*
- 10. A separate Environmental Management Cell (EMC) with suitable qualified personnel should be set-up under the chairmanship of a Senior Executive, who will report directly to the Head of the Organization. The Cell should have representative of Biodiversity Management Committee of the Panchayath and a representative of NGO, if any active in the area. The EMC should meet at least once in six months and review the activities and minutes should be a part of the compliance report.*
- 11. Quarrying has to be carried out as per approved mining plan with the suggestions from SEAC incorporated and following KMMC rules 2015 and the Amendments thereby.*
- 12. The quarrying operation (blasting) shall be restricted between 7 AM and 5PM*
- 13. Rain Water Harvesting facility should be installed as per the prevailing provisions of KMBR/KPBR, unless otherwise specified. Maximum possible solar energy generation and utilization shall be ensured as an essential part of the project.*
- 14. Maximum depth of mining shall be as per the mining plan and as per specific direction of SEAC after field inspection. The maximum depth of mining should not be deeper than the local ground water table. No mining operations should be carried out at places having a slope greater than 45°.*
- 15. The height of any bench shall not exceed five meters and breadth shall not be less than the height.*
- 16. The Project proponent shall ensure that no perennial or intermittent natural water course and/or water resources are 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.*
- 17. A minimum buffer distance specified as per existing rules and statutory orders shall be maintained from the boundary of the quarry to the nearest dwelling unit or other structures, and from forest boundaries or any other ecologically sensitive and archeologically important areas or the specific distance specified by SEIAA in EC as per the recommendations of SEAC depending on specific local conditions.*
- 18. The proponent should plant seedlings at least 5 times of the loss of trees that has occurred while clearing the land for the project and follow planting measures as*

suggested by SEAC. Suitable avenue trees should be planted along the sides of the approach road and internal roads and open parking areas, if any. Preference should be given to endemic native and fruit bearing species. Planting in buffer areas should be taken up beforehand. Proper upkeep and maintenance of planted seedlings shall be ensured by the project proponent.

- 19. The proponent should ensure that the vegetation in the buffer is retained, maintained and strengthened with additions of native broad leaved plants.*
- 20. Eco-restoration including the closure of mine as per the progressive closure plan and final closure plan shall be done at the cost of the project proponent. This eco-restoration should follow scientific standards available for restoration, full recovery of the original vegetation and improving the resilience of different ecosystems. Overburden materials should be managed within the site and used for reclamation of mined pit as per mine closure plan / specific conditions.*
- 21. At least 10 percent out of the total excavated pit area should be retained as water storage areas and the remaining area should be reclaimed with stacked dumping and overburden and planted with suitable indigenous plant species, if no other specific condition on reclamation of pit is stipulated in the E.C. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining.*
- 22. Control measures on noise and vibration prescribed by KSPCB should be implemented. Quarrying activities should be limited to day time as per KSPCB guidelines/specific conditions.*
- 23. Periodical monitoring of the vibration at specified location (preferably at a distance of 50 m and 100 m) to be conducted and records kept for inspection. This could also form a part of the compliance reports.*
- 24. Speed of trucks entering or leaving the mine site is to be limited to moderate speed of 25 kmph to prevent undue noise from empty trucks.*
- 25. Acoustic enclosures should be provided to reduce sound amplifications in addition to the provisions of green belt and hollow brick envelop for crushers so that the noise level is kept within prescribed standard limit indicated by CPCB/KSPCB.*
- 26. Blasting should be done in a controlled manner using NONEL technique as specified by the regulations of Petroleum and explosive safety organization (GOI) or any other concerned authorized agency. A licensed person should supervise/ control the blasting operations.*

27. Measures should be taken for maintaining noise levels below 85 dBA in the work environment.
28. Project proponent should obtain necessary prior permission of the competent authorities for drawing requisite quantity of surface water and ground water for the project.
29. 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 compliance reports to SEIAA.
30. 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, and for green belt development etc. The drains shall be regularly desilted and maintained properly, particularly after monsoon.
31. Regular monitoring of ground water level and quality shall be carried out around the mine area during mining operation. If any stage, if it is observed that ground water table is getting depleted due to the mining activity; necessary corrective measures shall be carried out.
32. Garland drains and silt traps are to be provided in the slopes around the core area to channelize storm water. De-silting of Garland canal and silt traps have to be attended on a daily basis. A labour has to be specifically assigned for the purpose. The proponent shall ensure the quality of the discharging storm water as per the General Effluent Discharge Standards of CPCB.
33. 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 the E.C was issued, the project would require a fresh appraisal by this Authority, for which the proponent shall apply and get the approval of this Authority. In the case of transfer of ECs, the matter shall be intimated and get the approval from the Authority as per the existing norms.
34. 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.
35. The top soil, if any, shall be temporarily stored at earmarked place (s) and 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 at 45°. The OB dumps should be scientifically vegetated with suitable native species to prevent erosion and surface run off. At critical points, use of geo textile shall be undertaken for stabilization of the dump. Protective wall or gabions should be made around the dump to prevent erosion / flow of sediments during rains. The entire excavated area shall be backfilled.

36. All the mining equipment used in Mining like backhoe loaders and excavators cause pollution and hence shall be serviced regularly & maintained for their efficient functioning and for reducing pollution. Disposal of spent oil from diesel engines should be as specified under relevant Rules/ Regulations.
37. All vehicles used for transportation and within the mines shall have 'PUC' certificate from authorized pollution checking centre. Washing of all vehicles shall be inside the lease area. .
38. Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution such as haul road, loading and unloading points and transfer points and having high levels of PM₁₀ and PM_{2.5}. Monitoring of Ambient Air Quality to be carried out based on the Notification 2009, as amended from time to time by the Central Pollution Control Board.
39. Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement at project site, parking area, on haul roads, loading and unloading and at transport points should be provided and properly maintained.
40. Corporate Environmental Responsibilities (CER) as prescribed by SELAA/SEAC should be carried out leading to Environmental stability of the Project region. The activities carried out under CER should be a part of the half yearly compliance report. The certificates from the beneficiaries, if the CER part is completed should also be submitted to the State Environment Impact Assessment Authority (SELAA) along with year wise expenditure.
41. The project proponent is responsible for implementing all the provisions of labour laws applicable from time to time to quarrying /Mining operations. The workers on the site should be provided with on-site accommodation or facilities at a suitable boarding place, protective equipment such as ear muffs, helmet, etc.

42. *The proponent has to provide insurance protection to the workers in the case of existing mining or provide the affidavit in case of fresh lease before execution of mining lease.*
43. *Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed. The report of health surveillance programme should be included in the half yearly compliance reports.*
44. *The pits in the abandoned quarries and in the mined area shall be used for activities like water harvesting, aqua culture etc. in an eco friendly manner.*
45. *If Government land is partly or fully used for mining, the area shall be returned at the end of lease period after mine closure with separate demarcation with suitable survey marks.*
46. *Any accident occurring in the mined out area after the lease period due to negligence in carrying out safety measures and non-closure, will lead to suspension of all EC obtained for mining by the Proponent.*
47. *In case of transfer of EC the matter shall be intimated and approval from the Authority shall be obtained as per the existing norms.*
48. *The proponent shall submit Half Yearly Compliance Reports (1st of June & 1st of December) on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) and upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall be simultaneously sent to the respective Regional Office of Ministry of Environment, Forests and Climate Change, Govt. of India and also to the Office of State Environment Impact Assessment Authority (SEIAA). The proponent has to submit Environmental statement in form V of Environment (Protection) Rules 1986 to SPCB on 31st March every year.*
49. *The project authorities should extend full cooperation to the officer (s) from the Regional Office of MOEF & CC located at Bangalore/SEAC/SPCB/CPCB/dept of Mining and Geology, while monitoring compliance of the stipulated conditions, by furnishing the requisite data/information/monitoring reports.*
50. *The above conditions shall prevail notwithstanding anything to the contrary, in consistent, or simplified, contained in any other permit, license or consent given by any other authority for the same project.*
51. *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.

- 52. The EC given will be withdrawn at any time if the area is declared high hazardous by the SDMA.*
- 53. The Environmental Clearance will be subject to the final order of the courts on any pending litigation related to the land or project, in any court of law.*
- 54. 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.*
- 55. 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.*
- 56. The SEIAA may revoke or suspend the order, for non implementation of any of the specific or any of the above conditions. The SEIAA reserves the right to alter/modify the above conditions or stipulate any further condition in the interest of environmental protection.*
- 57. As per regulation no. 106(2) of metalliferous mines regulation under Mine act, the height of any bench shall not exceed six meters and breadth shall not be less than the height.*

To

Sri. Shemeel R
Managing Partner
M/s. Galaxy Rocks
Building No. II/206
Kummil P. O., Kottarakkara
Kollam-691536

Copy to:

1. MoEF Regional Office, Southern Zone, Kendriya Sadan, 4th Floor, E&F Wing, II Block, Koramangala, Bangalore-560034.(through e-mail: rosz.bngmefcc@gov.in)
2. The 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, Kollam
5. The Director, Mining & Geology, Thiruvananthapuram -4.
6. The Member Secretary, KSPCB, Trivandrum
7. The Environmental Engineer, KSPCB, Kollam
8. The District Geologist, Kollam
9. The Tahasildar, Kottarakkara Taluk, Kollam
10. The Secretary, Kummil Grama Panchayat, Kollam
11. The Chairman, SEIAA.
12. Website.
13. S/f/O/c

ANNEXURE 3 - ENVIRONMENT MONITORING CELL

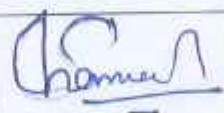
An environmental monitoring cell was formed with Mr. Shemeel R head of the monitoring cell and made functional. Meeting of monitoring cell is arranged monthly and discuss the status of the compliance of the specific and general conditions contained in the Environmental clearance order. The details of the monitoring cell members are given below:

Sl. No.	Post	Name
1	Head of the monitoring cell	Mr. Shemeel R
2	Head in charge (Environment)	Mr. Azeez
3	Senior Environmental Officer	Mr. K J Thomaskutty
4	Environmental Officer	Mr. K J Thomaskutty
5	Name of the environmental officer in charge	Mr. Shaik Feroze Ahamad Zakey
6	Name of the officer Environment, Health and safety	Mr. Shan.
8	Name of the environment laboratory	Standards Environmental & Analytical Laboratories
9	Address of Environmental laboratory	Bldg .No 338/A,B,C,D,E(Behind BPCL petrol pump), Edayar, Muppathadam P.O, Ernakulam

**MINUTES OF THE MEETING WITH AYURVEDA HOSPITAL
AUTHORITIES, KUMMIL PANCHAYATH, WARD NO 8
REGARDING CER**

A meeting was held on 15/04/2023 at the office of the Secretary of Kummil Grama Panchayath, Kollam District regarding CER utilisation for the proposed Granite Building Stone Quarry of M/s Galaxy Rocks Represented by its Managing Partner, Shemeel R for an area of 4.2146 Hectares situated in block no.50, re-survey nos: 416/10, 416/12, 416/3-2, 416/3, 416/3-3, 417/8, 417/7, 417/8-2, 417/3, 417/9, 417/2, 417/1-2, 413/2, 417/1-3, 417/1-6, 417/1-4, 417/1-5 of Kummil Village, Kottarakkara Taluk, Kollam District, Kerala.

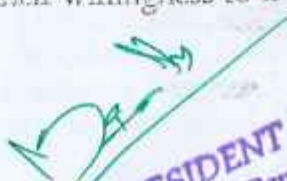
Present:

Sl No	Name	Signature
1	K Madhu President, Kummil Grama Panchayath, Kollam	
2	Louji M Nair Secretary, Kummil Grama Panchayath, Kollam	
3	Shemeel R Managing Partner M/s Galaxy Rocks	
4	Abdul Asees Partner M/s Galaxy Rocks	

In the meeting the Secretary, Kummil Grama Panchayath and the Medical Officer raised a demand for the construction of a hospital building with a total cost of 40.20 lakhs as per the estimate and plan attached herewith:

M/s Galaxy Rocks agreed the proposal and expressed their willingness to implement the project during the first year of the quarry operation.




PRESIDENT
Kummil Grama Panchayath



കുമ്മിൽ ഗ്രാമ പഞ്ചായത്ത്

കുമ്മിൽ പി.ഒ., കൊല്ലം ജില്ല - 691536 ഫോൺ: 0474-2448500

e-mail : kummilpanchayath@gmail.com

Name	:	HOSPITAL BUILDING
Sy. No.	:	
Ward No,	:	8
Taluk	:	Kottarakkara
Village	:	Kummil
District	:	Kollam
Amount	:	<u>₹ 40,20,000.00</u>

SLNo	Description of Work	Unit	Quantity	Rate	Amount
1	Excavation	m3	71	450	31950
2	Footing P.C.C.	m3	4.75	5000	23750
3	Footing R.C.C.	m3	13	18500	240500
4	Column up to Plinth Level R.C.C.	m3	6.5	4200	27300
5	Backfilling	m3	528	1280	675840
6	Plinth Beam R.C.C.	m3	11.65	18500	215525
7	Grade Slab R.C.C.	m3	22.032	18500	407592
8	Column Up to Slab Level R.C.C.	m3	8.58	18500	158730
9	Brick Masonry	m3	41	7200	295200
10	Providing wooden Joinery				274000
11	Concreting roof slab ,sunshade, Lintel and overhead beams	m3	37	18500	684500
12	Inside and Outside Plastering	m2	505	430	217150
13	Top and underside plastering of roof ,beams ,sunshade etc.	m2	691	460	317860
14	Floor Finishing with vitrified ceramic tiles	m2	163	950	154850
15	Painting	m3	505	280	215000
16	Plumbing and Sanitary fitting				50000
17	Wiring with Electric fittings				22000
18	Unforeseen Items				8253
Grand Total					4020000.00

Certificate

Certified that an amount of Rs. 40,20,000 /- (Rupees Forty Lakhs and Twenty Thousand only) is required for the construction of Ayurveda Hospital building at, Kummil Panchayath Ward, No. 8, Village: kummil, Taluk: Kottarakkara, Kollam district, as per the plan attached and the rates are reasonable.




Louji M Nair
 Secretary
 Kummil Grama Panchayat
 Kollam (Dist), Kerala, India
 Phone: 0474 2448500

ഇ.കെ. നായനാർ ഗ്രന്ഥശാല

തൃശ്ശൂർ, കുമ്മിൽ പിള്ള, കൊല്ലം ജില്ല, പിൻ :691536

Reg :No. 02 KTR 8395

പ്രസിഡന്റ്/സെക്രട്ടറി

തീയതി 22.5.23

We are happy to inform that during our discussion with M/s Galaxy Rocks they have accepted our proposal for the construction of a library building as part of their CER proposal in connection with their quarrying project in Kummil Village, Kottarakkara Taluk, Kollam District, Kerala.

We accept the detail project cost mentioned below and shall give permission for the same subject.

CONSTRUCTION OF A CONSTRUCTION OF A LIBRARY BUILDING IN E K NAYANAR ARTS AND SPORTS CLUB, THULASIMUKKU, KUMMIL	
a. Excavation	11250/-
b. Footing-PCC	30000/-
c. Rubble masonry up to plinth level	1,28,800/-
d. footing RCC for column	18500/-
e. Column up to plinth level RCC	1050/-
f. Backfilling	53760/-
g. Plinth Beam RCC	148000/-
h. Grade Slab RCC	240500/-
i. Column up to slab level RCC	7400/-
j. Brick Masonry	151200/-
k. Providing wooden joinery	165000/-
l. Concreting roof slab, sunshade, lintel and overhead beams	333000/-
m. inside and outside plastering	141900/-
n. Top and underside plastering of roof, beams, sunshade etc	145360/-
o. Floor finishing with vitrified ceramics tiles	132000/-
p. Painting	92680/-
q. Plumbing and sanitary fitting	25000/-
r. Wiring with Electric fittings	22000/-
s. Unforeseen items	1400/-
TOTAL	18,48,800/-

This letter is issued based on their request to be produced before State Environment Impact Assessment Authority (SEIAA), Kerala.



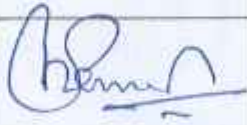

Secretary,

E K Nayanar Arts and Sports Club

**MINUTES OF THE MEETING WITH THE SECRETARY OF E K
NAYANAR ARTS AND SPORTS CLUB, THULASIMUKKU,
KUMMIL REGARDING CER**

A meeting was held on 20/03/2023 at the office of the Secretary of E K Nayanar Arts and Sports Club, Thulasimukku, Kollam District regarding CER utilisation for the proposed Granite Building Stone Quarry of M/s Galaxy Rocks Represented by its Managing Partner, Shemeel R for an area of 4.2146 Hectares situated in block no.50, re-survey nos: 4I6/I0, 4I6/I2, 4I6/3-2, 4I6/3, 4I6/3-3, 4I7/8, 4I7/7, 4I7/8-2, 4I7/3, 4I7/9, 4I7/2, 4I7/I-2, 4I3/2, 4I7/I-3, 4I7/I-6, 4I7/I-4, 4I7/I-5 of Kummil Village, Kottarakkara Taluk, Kollam District, Kerala.

Present:

Sl No	Name	Signature
1	M.K Safeer Secretary, E K Nayanar Arts and Sports Club Thulasimukku, Kummil Kollam	
2	Sunesh Kumar President, E K Nayanar Arts and Sports Club Thulasimukku, Kummil Kollam	
3	Shemeel R Managing Partner M/s Galaxy Rocks	
4	Abdul Asees Partner M/s Galaxy Rocks	

In the meeting the Secretary, E K Nayanar Arts and Sports Club, raised a demand for the construction of a library building with a total cost of 18.488 lakhs as per the estimate and plan attached herewith:

M/s Galaxy Rocks agreed the proposal and expressed their willingness to implement the project during the second year of the quarry operation.




GOVT. HIGHER SECONDARY SCHOOL, KUMMIL

KUMMIL P.O., KADAKKAL, KOLLAM DISTRICT - PIN : 691 536

Phone : 0474 2447133, 448033 E-mail : hsskummil@gmail.com

Ref. No. 157A/2023

Date 24.05.2023

We are happy to inform that during our discussion with M/s Galaxy Rocks they have accepted our proposal for the construction of a children's park for the school premises and contributing 12 computers and one UPS to computer lab as part of their CER proposal in connection with their quarrying project in Kummil Village, Kottarakkara Taluk, Kollam District, Kerala.

We accept the detail project cost mentioned below and shall give permission for the same subject.

SPONSORING 12 COMPUTERS AND 1 UPS IN GOVT HIGHER SECONDARY SCHOOL, KUMMIL AS PER DEMAND RAISED BY SCHOOL AUTHORITIES	
a. Acerve Computer (12 nos @ 33600 Rs per unit)	403200/-
b. UPS artis	80000/-
c. Fitting and labor charge	20000/-
TOTAL	5,03,200/-
CONSTRUCTION OF A CHILDREN'S PARK FOR THE GOVT HIGHER SECONDARY SCHOOL, KUMMIL PREMISES	
a. Excavation	4140/-
b. Footing PCC	18400/-
c. Retaining wall rubble masonry up to plinth level	123648/-
d. Grade beam R C C	85100/-
e. Backfilling	403200/-
f. Paving concrete interlocking bricks	237825/-
g. Installing playground equipments	225000/-
h. Graphic painting existing toilet, well and compound wall	247500/-
i. Unforeseen items	5187/-
TOTAL	13,50,000/-
GRAND TOTAL	18,53,200/-

This letter is issued based on their request to be produced before State Environment Impact Assessment Authority (SEIAA), Kerala.




Headmistress
Govt. H. S. Kummil

BUILDING APPLICATION

NAME & ADDRESS OF APPLICANT'S

PERMANENT COMMUNICATION

Signature

LAND EXTENT S.Y. NO. PANCHANG/VILLAGE TALEKADHUPUR

AREA (Sqr. M.)

USE

PREVIOUS REFERENCE IF ANY

3 BUILD UP AREA (Sqr. M.)

G.P.

F.P.

TOTAL

2 LICENSED ENGINEER

(i) the plan boundaries, measurements and other details shown in the plan are correct

(ii) the drawings are in conformity with the provisions of the Master Plan/Development Order as applicable under the Kerala Town and Country Planning Act 2016

(iii) the drawings are in conformity with the provisions of the Kerala Panchayat Building Rules 2019 and other applicable statutes

Place

Date

Signature of ENGINEER

This design and drawings are the sole property of VENUS HOMES, and shall not be issued, copied, reproduced, modified, sent or made unauthorised use of in any other manner without the prior written consent.

6 LOCAL BODY

(i) the documents in support of the plan boundaries have been submitted

(ii) the plan boundaries, measurements and other details shown in the plan are correct

(iii) the drawings are in conformity with the provisions of the Master Plan/Development Order as applicable under the Kerala Town and Country Planning Act 2016

(iv) the drawings are in conformity with the provisions of the Kerala Panchayat Building Rules 2019 and other applicable statutes

Place

Date

Signature of LOCAL BODY

This design and drawings are the sole property of VENUS HOMES, and shall not be issued, copied, reproduced, modified, sent or made unauthorised use of in any other manner without the prior written consent.

6 LOCAL BODY

(i) the documents in support of the plan boundaries have been submitted

(ii) the plan boundaries, measurements and other details shown in the plan are correct

(iii) the drawings are in conformity with the provisions of the Master Plan/Development Order as applicable under the Kerala Town and Country Planning Act 2016

(iv) the drawings are in conformity with the provisions of the Kerala Panchayat Building Rules 2019 and other applicable statutes

Place

Date

Signature of LOCAL BODY

This design and drawings are the sole property of VENUS HOMES, and shall not be issued, copied, reproduced, modified, sent or made unauthorised use of in any other manner without the prior written consent.

6 LOCAL BODY

(i) the documents in support of the plan boundaries have been submitted

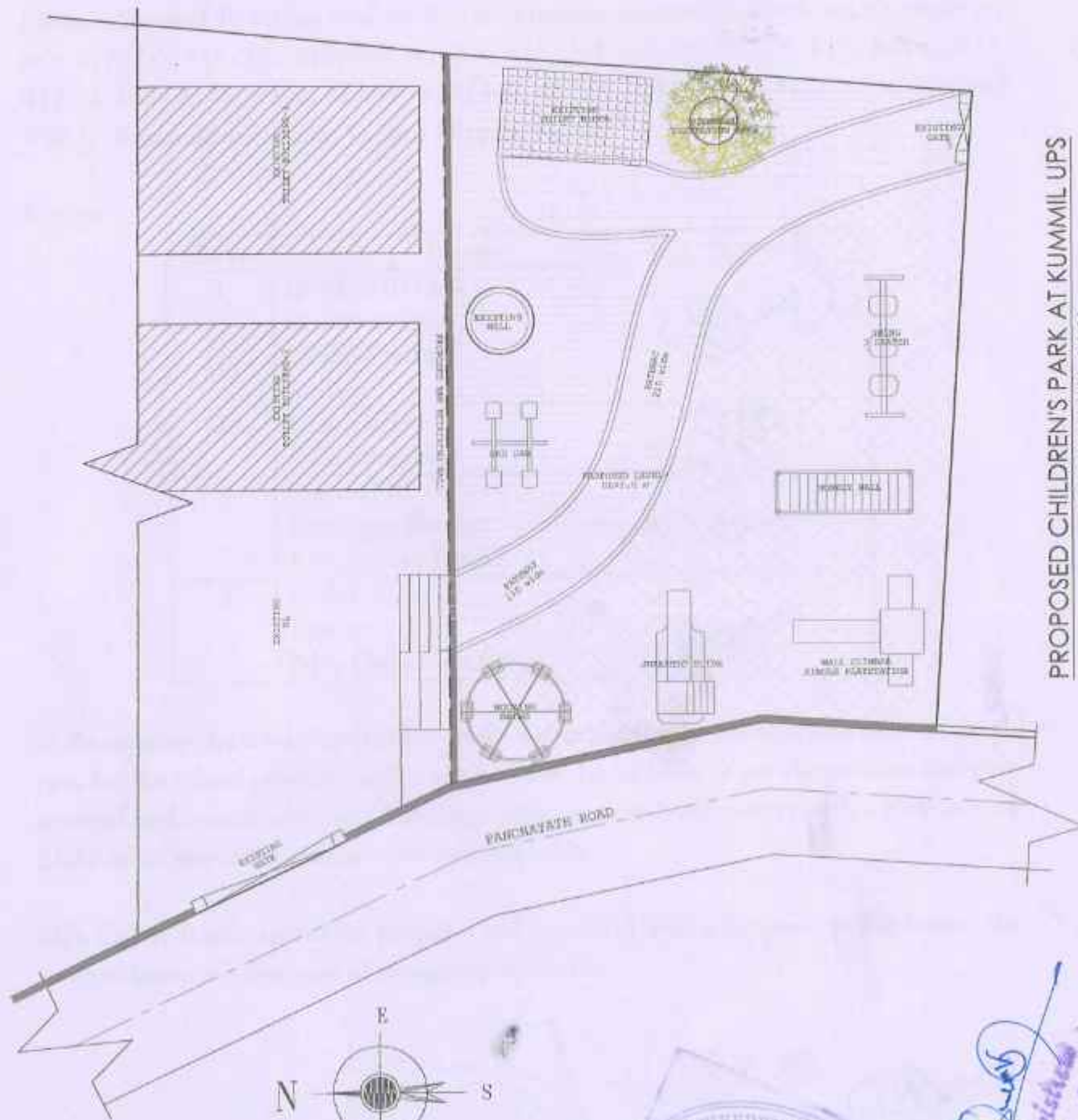
(ii) the plan boundaries, measurements and other details shown in the plan are correct

(iii) the drawings are in conformity with the provisions of the Master Plan/Development Order as applicable under the Kerala Town and Country Planning Act 2016

(iv) the drawings are in conformity with the provisions of the Kerala Panchayat Building Rules 2019 and other applicable statutes

Place

Date



PROPOSED CHILDREN'S PARK AT KUMMIL UPS
SITE PLAN (1:100)



Headmistress
Mrs. G. S. Kummil

**MINUTES OF THE MEETING WITH GOVT HIGHER
SECONDARY SCHOOL AUTHORITIES, KUMMIL, KOLLAM
DISTRICT REGARDING CER**

A meeting was held on 20/03/2023 at the office of the Headmistress of Govt higher Secondary School, Kummil, Kollam District regarding CER utilisation for the proposed Granite Building Stone Quarry of M/s Galaxy Rocks Represented by its Managing Partner, Shemeel R for an area of 4.2146 Hectares situated in block no.50, re-survey nos: 416/10, 416/12, 416/3-2, 416/3, 416/3-3, 417/8, 417/7, 417/8-2, 417/3, 417/9, 417/2, 417/1-2, 413/2, 417/1-3, 417/1-6, 417/1-4, 417/1-5 of Kummil Village, Kottarakkara Taluk, Kollam District, Kerala.

Present:

Sl No	Name	Signature
1	MAYADEVI K Headmistress, GHSS Kummil, Kollam	
2	M.K Safeer PTA President	
3	Shemeel R Managing Partner M/s Galaxy Rocks	
4	Abdul Asees Partner M/s Galaxy Rocks	

In the meeting the school authorities raised a demand for the construction of a children's park for the school premises with a total cost of 13.50 lakhs as per the estimate and plan attached and contribution of 12 desktop computers with accessories with a total cost of 5.032 lakhs as per the estimate attached herewith:

M/s Galaxy Rocks agreed the proposal and expressed their willingness to implement the project during the first year of the quarry operation.




Headmistress
Govt H. S. Kummil



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

നമ്പർ : 401129/RPTL19/GPO/2025/666

തീയതി : 25.03.2025

ലൈസൻസിന്റെ പേരും മേൽവിലാസവും	കമ്മീഷൻ ആർ, മാനേജിംഗ് പാർട്ടിനർ ഗ്യാലക്സി റോഡ്, മുക്കന്നം, കമ്മീഷൻ പി ഒ	
സ്ഥാപനത്തിന്റെ പേരും സ്ഥലനാമവും	ഗ്യാലക്സി റോഡ്, മുക്കന്നം, കമ്മീഷൻ	
ലൈസൻസ് നൽകിയിട്ടുള്ള പ്രവർത്തനങ്ങൾ	കമ്മീഷൻ വില്ലേജിൽ ഉൾപ്പെട്ട മണ്ണാക്കി നം. 50 റീ.സ.നം 416/3-3,416/10,416/12,416/3-2,416/3,417/8,417/7,417/8-2,417/3,417/9,417/2,417/1-2,413/2,417/1-3,417/1-6,417/1-4,417/1-5 എന്നീ സർവ്വേ നമ്പരുകളിൽ ഉൾപ്പെട്ട 4.2146 ഹെക്ടർ സ്ഥലത്ത് 350 എച്ച് പി ഉപയോഗിച്ച് പാറ കനകം ചെയ്യുന്നതിന്	
കെട്ടിടത്തിന്റെ നമ്പരും വാർഡ് നമ്പരും	2/206	
ലൈസൻസ് കാലാവധി	21-03-2025 മുതൽ 31-03-2026 വരെ (2024-2025, 2025-2026)	
ഇടനൽകിയ ലൈസൻസ് ഫീസ്	₹40000	റസിട്ട് നം: 1240103573 തീയതി: 21-03-2025
തൊഴിൽക്കരം, ഓട്ടോർ ഫീസ്	₹2500 + ₹2500, 17500/-	റസിട്ട് നം: 1240103573, 1240103571 തീയതി: 21-03-2025
ലൈസൻസ് അനുവദിക്കുന്നതിനായി പാലോക്കിയ നിരോധകപത്രങ്ങളുടെ വിവരങ്ങൾ (നമ്പർ, തീയതി, കാലാവധി, നൽകിയ അധികാരസ്ഥാനം)	1. Environmental clearance Identification No.EC25B001KL91421 dtd.25/01/2025. 2. Petroleum and Safety Organisation License No. E/SC/KL/22/1793 (E72992) of Joint Chief Controller of Explosive South Zone dtd. 26/03/2024 (Valid upto-31/03/2028) 3. Possession certificate No. 50382024 dtd. 02/07/2024 of Village officer, kummil. 4. Location sketch No. 501/24 dtd. 03/07/2024 issued by village officer, kummil. 5. Kerala state pollution Control board Consent No. KSPCB/KL/CO/10076402/2025 dtd. 10/02/2025(Valid Up to. 30.06.2029) 6. Letter of intent No. DMG/9348/2021-M3 dtd 10/08/2022 of Director of Mining and Geology	

സെക്രട്ടറി
കമ്മീഷൻ ഗ്രാമപഞ്ചായത്ത്

Document certified by MUHAMMAD RISA A
#KOPATHIRISA@GMAIL.COM
Digitally signed by MUHAMMAD RISA A
Date: 2025.03.25 18:45 IST
Reason: ILGMS Govt. of Kerala



TRUE COPY ATTESTED

A.R. AYYAPPAN PILLAI, KOLLAM-13
ADVOCATE & NOTARY, Roll No.K/109/1989

- (ஆ) எழுத்து
கருவியை எழுதுக. பதனாதாரம்

NB. ഈ രേഖകൾക്ക് വർൽഡ്‌വൈഡ് സ്ക്രൂയ്പ്റ്റുജനറേഷനിൽ പ്രതികൂലമായ സ്കോപ്പിലും അല്ലെങ്കിൽ ഈ രേഖകൾക്ക് അനുബന്ധമായി നിർമ്മാണത്തിൽ ഉപയോഗിക്കുക എന്നതിനുള്ള അവസരം നഷ്ടപ്പെടുന്നതാണ്.

FILE NO : KSPCB/KL/ICO/10076402/2025

Date of issue : 10-02-2025



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. : 10076402

Dated : 10-02-2025

To

GALAXY ROCKS

KUMMIL P.O, KOTTARAKKARA, KOLLAM-691536

Consent No. : KSPCB/KL/ICO/10076402/2025

Valid Upto : 30-06-2029



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	30-06-2029
2	Name and Address of the establishment	GALAXY ROCKS KUMMIL P.O, KOTTARAKKARA, KOLLAM- 691536 E-Mail : ajmalaseez7@gmail.com Contact Number : 7306957134
3	Occupier Details	SHEMEEL R MANAGING PARTNER, GALAXY ROCKS, KUMMIL P.O, KOLLAM-691536 E-Mail : ajmalaseez7@gmail.com Contact Number :
4	Local Body	KUMMIL GRAMA PANCHAYAT
5	Survey Number	416/10, 416/12, 416/3-2, 416/3, 416/3-3, 417/8, 417/7, 417/8-2, 417/3, 417/9, 417/2, 417/1-2, 413/2, 417/1-3, 417/1-6, 417/1-4, 417/1-5
6	Village	Kummil
7	Taluk	Kottarakkara
8	District	KOLLAM
9	Capital Investment(Rs in Lakhs)	325.0
10	Scale	Small
11	Category	RED
12	Annual fee(Rs)	35000.0
12	Total fee remitted(Rs)	175000.0
13	Activity	QUARRY UNIT (4.2146 HECTARES OF LAND)
14	Machinery details	NIL

A.R. AYYAPPA PILLAI
Advocate & Notary
Roll No. K/109/2000
Kollam, Kerala, India 691 013
Mob: +91-9447503164

CONDITIONS AS PER

Water (Prevention and Control of Pollution) Act, 1974

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 proposal submitted along with the application shall be made functional before commissioning. 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 Water Consumption :500 Lit/day

3.3 Effluent Generation : NA

B. CONDITIONS AS PER

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

5.1 Adequate air pollution control measures shall be provided before commissioning of the industry. Additional facilities required, if any, to achieve the standards laid down by the Board shall also be made along with.

4. CONDITIONS AS PER

The Environment (Protection) Act, 1986

4.1 The construction activities shall be carried out strictly in compliance with the provisions of the Noise Pollution (Regulation and Control) Rules 2000.

4.2 Used batteries shall be disposed of as per the Batteries (Management and Handling) Rules, 2022.

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

4.4 e-waste shall be disposed off safely as per the E-Waste (Management) Rules, 2022

5. SPECIFIC CONDITIONS

5.1. The consent is issued only with respect to the powers vested under the Water Act 1974, Air Act 1981 and Rules there under.

5.2. Application for renewal for this consent, unless withdrawn earlier and subject to condition no. 5.1, shall be submitted two months before the expiry of validity. Late application will be accepted only with fine as applicable.

5.3 Any change in the particulars furnished in the application and/or in the identity of the occupier/authorized agent shall be intimated to the Board forthwith.

5.4 Boundary of the quarry shall be marked and fenced before the starting quarrying operations.

5.5 Quarrying shall be carried out as per the approved Mining Plan, failing which this consent stands invalid.

5.6 Quarrying operation shall be carried out only during day time.

5.7 PM10 in ambient air at the boundary of quarry shall not exceed 100 micrograms per cubic meter and PM 2.5 in ambient air at the boundary shall not exceed 60 micrograms per cubic meter.

5.8 The sound level measured at 1 m outside the boundary of the premises shall not exceed limits prescribed as per the National Ambient Air quality standards applicable to the adjoining area, with respect to noise.

5.9 Dust suppression system such as water atomisers shall be installed before commencing the project and regular wetting of the roads in the premises of the quarry and approach roads near the quarry shall be done for avoiding excessive dust emission within and outside the boundary of the unit.

5.10 Necessary buffer layer shall be maintained inside the boundary and no quarrying activity shall be carried out in that area.

5.14 Blasting with NONEL (Non Electrical) technology shall be practiced to reduce the vibration of the ground.

5.12 Blasting shall be done only at specified times and this blasting schedule shall be displayed to public to avoid accidents.

5.13 The excavated area, if any, may be used for aquaculture and rainwater harvesting with protective barriers or for any other suitable purpose or may be reclaimed.

5.14 Efforts shall be made to avoid any sort of environmental problems due to the working of the quarry

- 15 A distance of 50m shall be maintained from the quarrying area to nearby residences/other buildings/ roads with public transport system/ river/ lake/ bridge.
- 16 Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.
17. There shall not be any direct discharge of overflow water from the mine to nearby premises/water bodies. Overflow water from the quarry should be discharged only after delay pond system.
- 18 This consent is issued based on the Letter of Intent no.DMG/9348/2021-M3 dated 10.08.2022 of Mining & Geology Department and Environment clearance certificate No:04/Q/2025 dated 25.01.2025 and is valid only when all other statutory/ necessary clearances from the concerned Authorities are valid. The Quarrying shall be done only after obtaining clearances from all concerned Authorities.

Digitally signed by RACHEL THOMAS
Date: 2025.02.10 17:13:28 IST

SIGNATURE OF ISSUING AUTHORITY
ENVIRONMENTAL ENGINEER



To
M/s GALAXY ROCKS
KUMMIL P.O, KOTTARAKKARA, KOLLAM-691536
E-Mail : ajmalaseez7@gmail.com
Contact Number : 7306957134

- 1.This digitally signed document is legally valid as per the Information Technology Act 2000
2. For verifying this document please go to www.keralapcbonline.com and search using Certificate Number/name of the unit/Application Number in "Certificate Verification" link in the home page of the Board's Phoenix website.



A.R. AYYAPPA PILLAI
Advocate & Notary
Roll No. K/2015/80
Kollam, Kerala, India-691 018
Mob: +91- 9447503164



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

आ और (ग) - विंग ब्लॉक 1-8, दूसरा तल, शास्त्री भवन | A & D - Wing, Block 1-8, 2nd Floor, Shastri Bhawan

26 हड्डोस रोड, नंगम्बक्कम चेन्नई | 26 Haddous Road, Nungambakkam Chennai 600046

फोन (Phone) - 28281023 / फैक्स (Fax) - 28284848

संख्या (No.): E/SC/KL/22/1793(E72992)

दिनांक (Date): 26.03.2024

सेवा में | To,

Shri R. Shameel, Managing Partner,

A/S: (LALAY ROCKS, Mukkumam, Kummil P.O., Kottarakkara Town Village - Kottarakkara T.K.

Distric-KOLLAM, State-Kerala, Pincode - 691336.

विषय: Survey No.412/3-2, Block No.50, Kummil Vill, ग्राम Kottarakkara Tk, जिला KOLLAM, राज्य Kerala में मेसर्स Shri R. Shameel, Managing Partner द्वारा विस्फोटक के मैगजीन में उपयोग के लिए कब्जा हेतु विस्फोटक नियम, 2008 के अंतर्गत 1.3.3 में जारी अनुमति सं E/SC/KL/22/1793(E72992) के संशोधन संबंध में।
(विस्फोटक की मात्रा / मासिक खरीद सीमा में परिवर्तन तथा पते में परिवर्तन अतिरिक्त) सुविधाएं परिसर में परिवर्तन प्राधिकृत अधिकारी / अतिरिक्त Partner में परिवर्तन।

Subject: Possession for Use of of Explosives from magazine situated at Survey No.:412/3-2, Block No.50, Kummil Vill, Kottarakkara Tk, Dist. KOLLAM, Kerala -
Licence No.: E/SC/KL/22/1793(E72992) granted in Form I.E-3 of Explosives Rules, 2008 -
1 Amendment of Quantity of Explosives/Monthly Purchase Limit Change in Postal Address Amendment in Drawings/Facilities/Premises Change in Authorized Signatory/Occupier/Partner).

संबोधन | To,

अनुसंधान उपर्युक्त विषय पर पात्र संख्या 115927 दिनांक 26.03.2024 का संदर्भ प्रदान करें।

Please refer to your letter no. 115927 dated 26.03.2024.

अनुमति संख्या E/SC/KL/22/1793(E72992) - usage of Explosives at the Proposed Granite Building Stone Quarry granted to the Licensee Situated at Re. Survey No. 416/10, 416/12, 416/3-2, 416/3-3, 417/8, 417/7, 417/8-1, 417/3, 417/9, 417/2, 417/1-2, 413/2, 417/1-3, 417/1-6, 417/1-4, 417/1-5, Kummil (Vill), Kottarakkara (Tk), Kollam (Dist), Kerala with the L.O.I No. DMG/9348/2021-M3, dated 30.08.2022 issued by DMG, Thiruvananthapuram under the following conditions: 1. Opening of Mines should be intimated to DGM and Director of Mines & Geology. 2. Blasting Operations should be conducted as per Mines Act & Rules. 3. Usage of Explosives to be as per Explosives Rules, 2008 and all records to be maintained as per the Explosives Rules, 2008. 4. All unused Explosives should be returned to Explosive magazine before Sunset. 5. Transportation of Explosives to be Followed as per Explosives Rules, 2008 and RES and REIS to be maintained as per the Rules. 6. Other Permissions from the State/Central Government Authorities needed to be obtained by the Licensee/Occupier for the Transportation, Usage of Explosives. 7. Licensee/Occupier to be responsible for all activities related to the Blasting, Transportation and any other activities under Explosives Rules, 2008. के संदर्भ में यह संशोधित कार भेजी जा रही है।

The Licence No.: E/SC/KL/22/1793(E72992) is forwarded herewith duly amended in respect of followings :

usage of Explosives at the Proposed Granite Building Stone Quarry granted to the Licensee Situated at Re. Survey No. 416/10, 416/12, 416/3-2, 416/3-3, 417/8, 417/7, 417/8-1, 417/3, 417/9, 417/2, 417/1-2, 413/2, 417/1-3, 417/1-6, 417/1-4, 417/1-5, Kummil (Vill), Kottarakkara (Tk), Kollam (Dist), Kerala with the L.O.I No. DMG/9348/2021-M3, dated 30.08.2022 issued by DMG, Thiruvananthapuram under the following conditions: 1. Opening of Mines should be intimated to DGM and Director of Mines & Geology. 2. Blasting Operations should be conducted as per Mines Act & Rules. 3. Usage of Explosives to be as per Explosives Rules, 2008 and all records to be maintained as per the Explosives Rules, 2008. 4. All unused Explosives should be returned to Explosive magazine before Sunset. 5. Transportation of Explosives to be Followed as per Explosives Rules, 2008 and RES and REIS to be maintained as per the Rules. 6. Other Permissions from the State/Central Government Authorities needed to be obtained by the Licensee/Occupier for the Transportation, Usage of Explosives. 7. Licensee/Occupier to be responsible for all activities related to the Blasting, Transportation and any other activities under Explosives Rules, 2008.

तदनुसार रिपोर्ट में प्राधिकृत अधिकारी / अतिरिक्त Partner के नाम इस प्रकार हैं।

The following are the names of the Authorized Signatory/Occupier/Partner in the licence records.

क्र।सं।	नाम Name
1)	R.Shameel (Authorized Signatory)
2)	R.Shameel (Occupier)
3)	Basheer Kutty (Partner)
4)	Rajan Kunchandy (Partner)
5)	A.Shanila (Partner)
6)	M.Ebrahim Kutty (Partner)
7)	K.Saimuldeen (Partner)
8)	Azad Ebrahim Kutty (Partner)
9)	A.Nazamuldeen (Partner)

किसी भी एक समय में तदनुसार ऊपर निर्दिष्टित वर्ग तथा मात्रा से अधिक नहीं होगी।

The licence capacity at any one time shall not exceed the kinds and quantity rates mentioned below :

संख्या No	विस्फोटक Explosives	वर्ग Class	प्रभाग Div	उप-प्रभाग Sub Div	क्षमता Capacity	इकाई Unit
1	Nitrate Mixture	2	0	0	300	Kg.
2	Ordinary Detonator	6	3	0	5000	No.
3	Electric Detonators	6	3	0	5000	No.
4	Safety Fuse	6	1	0	2000	Mtrs
5	Sim Electric (Nonel) detonators	6	3	0	5000	No.

किसी एक क्वैटर मास में खरीदे जाने वाले विस्फोटक की मात्रा (अनुच्छेद 3 (ब) और (ग) के अधीन अनुमति के लिए लागू) : 10 गुना

(Quantity of explosives to be purchased in a calendar month (applicable for licence under article 3(b) and (c)) : 10 times as above.

यह अनुमति दिनांक 31 मार्च 2028 तक प्रवृत्त रहेगी।

This Licence shall remain valid till 31st day of March 2028.

अनुमति के आगामी नवीकरण हेतु कृपया विस्फोटक नियम, 2008 के नियम 112 के अंतर्गत प्रक्रिया का पालन करें। कृपया याद रखें।

For further revalidation (if required), please follow the procedure under Rule 112 of Explosives Rules, 2008. Receipt of this letter may please be acknowledged.



अनुमति प्रारूप एच. ई.-3 : LICENSE 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 अनुमति
Licence to possess : (c) for use, explosives of class 1, 2, 3, 4, 5, 6 or 7 in a magazine

ई. नं. (Licence No.) : E/SCKL/22/1793(E72992)

वार्षिक (Annual Fee Rs.) : 3000/-

Licence is hereby granted to

Shri R. Shomeek, Managing Partner (अधिभोगी / Occupier : R. Shomeek), M/s. GALAXY ROCKS, Mukkumam, Kummil PO,
Kudakkal, Town Village - Kottarakkura T.K. District-KOLLAM, State-Kerala, Pincode - 691556



को अनुमति अनुदात की जाती है।

2. अनुमतिधारी की प्रकृति : Status of licensee : **Partnership Firm**

3. अनुमति निम्नलिखित प्रयोजनों के लिए विधिमार्ग है।

Licence is valid only for the following purpose:

4. अनुमति विस्फोटकों के निम्नलिखित किस्मों, प्रकार और मात्रा के लिए विधिमार्ग है।

Licence is valid for the following kinds and quantity of explosives: -- (क) (ख)

possess for use of Nitrate Mixture, Ordinary Detonator, Electric Detonators, Safety Fuse, Non Electric (Nonel) detonators, - के उपयोग के लिए

क्र. सं. Sr. No.	नाम और विवरण Name and Description	वर्ग और प्रभाग (Class & Division)	उप-प्रभाग Sub-division	मात्रा किसी एक समय में Quantity at any one time
1.	Nitrate Mixture	2.0	0	100 Kg.
2.	Ordinary Detonator	6.3	0	5000 Nos.
3.	Electric Detonators	6.3	0	5000 Nos.
4.	Safety Fuse	6.3	0	2000 Mtrs
5.	Non Electric (Nonel) detonators	6.3	0	5000 Nos.

(ख) किसी एक कैलेंडर मास में खरीदे जाने वाले विस्फोटक की मात्रा (अनुच्छेद 3(ख) और (ग) के अधीन अनुमति के लिए)

10 times
as above.

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

5. निम्नलिखित रेखाचित्र (रेखाचित्रों) से अनुमति धारक की जमीन होती है।

रेखाचित्र नं. (Drawing No.) : E/SCKL/22/1793(E72992)

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

दिनांक (Dated) 26.03.2024

6. अनुमति धारक निम्नलिखित पते पर स्थित है। The licensee premises are situated at following address:

Survey No. 412/3-2, Block No.50, Kummil Vill. ग्राम (Town Village), Kottarakkura T.K.

जिला (District) KOLLAM पुलिस थाना (Police Station) : Kadarackal

राज्य (State) Kerala

दूरभाष (Phone) ई-मेल (E-Mail)

पिनकोड (Pincode)

691559

फैक्स (Fax)

7. अनुमति धारक निम्नलिखित सुविधाएं अवलंबित्व है।

The licensee premises consist of following facilities.

Portable Magazines of type B(69) and B(120), Fabricated by Thekkam Engg. Works, Ernakulam.

8. अनुमति समय : समय पर यथासंशोधित विस्फोटक अधिनियम, 1884 और उनके अधीन विरचित विस्फोटक नियम, 2008 के उपबंधों, शर्तों और अतिरिक्त शर्तों और निम्नलिखित उपबंधों के अधीन रहते हुए अनुदात 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, सज्जिमर्ण संबंधी और अन्य विवरण दर्शित करते हुए)।

Drawings (showing site, constructional and other details) as stated in serial No. 5 above.

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

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

3. दूरी प्रारूप DE-2 Distance Form DE-2.

9. यह अनुमति तारीख 31 मार्च 2028 तक विधिमार्ग रहेगी। This licence shall remain valid till 31st day of March 2028.

यह अनुमति, अधिनियम या उसके अधीन विरचित नियमों या अनुसूची V के भाग 4 के प्रति निर्दिष्ट सेट-VII के अधीन तथा उपर्युक्त इस अनुमति की शर्तों का अधिकतम करने या यदि अनुमति धारक योजना या उससे संबंधित उपबंध में दर्शित विवरण के अनुरूप नहीं पाए जाने पर निरवधि या प्रतिबंधित की जा सकती है, जहां यह 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 VII, 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 Annexures attached hereto.

तारीख : The Date - 26.03.2024

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

Amendments :

- Change in Authorized Signatory Occupier Partners Directors dated : 26.03.2024
- Change in Postal Address dated : 26.03.2024
- Amendment in Drawings/Facilities/Premises dated : 26.03.2024
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 26.03.2024

नवीनीकरण के पृष्ठानक के लिए स्थान
Space for Endorsement of Renewal

नवीकरण की तारीख
Date of Renewal

समाप्ति की तारीख
Date of Expiry

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

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

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



M. SAJEENDRA BABU
ADDITIONAL CHIEF CONTROLLER
EXPLOSIVES SOUTH CIRCLE
CHENNAI
Digitally signed by M. SAJEENDRA BABU
Reason: Licence No. E/SCKL/22/1793
Location Chennai (E72992)
Date 26-03-2024 14:54:47 PM

वर्ग 1, 2, 3, 4, 5, 6, और 7 के विस्फोटकों को किसी या प्रयोग हेतु रखने के लिए प्रत्येक ए.ई. 3 (अनुच्छेद 3 (क) से (ग)) में मुख्य विस्फोटक नियंत्रक या विस्फोटक नियंत्रक द्वारा प्रदान किए जाने वाले अनुज्ञप्ति सं. E/SC/KL/22/1793(E72992) की शर्तें निम्नलिखित हैं।

Following are the conditions of licence number E/SC/KL/22/1793(E72992) in possess for sale or use, explosives of Class 1, 2, 3, 4, 5, 6 and 7 in a magazine in Form L.E-3 (articles 3(b) to (c)) granted by Chief controller of Explosives or Controller of Explosives.

1. मगजीन में किसी भी समय विस्फोटकों की मात्रा अनुज्ञापन योग्य सामर्थ्य से अधिक नहीं होगी।

The quantity of explosives on the premises at any one time shall not exceed the licensable capacity.

2. विस्फोटकों के भंडारण के लिए प्रयुक्त होने वाली मैगजीन अनुसूची III और अनुज्ञप्ति के उपबंध में विनिर्दिष्ट सुरक्षा दूरी बनाए रखना होगा।

The magazine used for storage of explosives shall maintain safety distance specified in Schedule III and annexure to the licence.

3. मैगजीन का प्रयोग उन सभी विस्फोटकों के, जो इस अनुज्ञप्ति में विनिर्दिष्ट हैं, रखे जाने के लिए और ऐसे रखे जाने से संबद्ध आधान या औजार या उपकरणों के रखे जाने के लिए ही किया जाएगा; अन्यथा नहीं।

The magazine shall be used only for keeping all explosives specified in this licence and of receptacles for, or tools or implements for work connected with the keeping of such explosives.

4. पैकेजों को खोलने का कार्य और विस्फोटकों को तोलने तथा पैक करने का कार्य मैगजीन में नहीं किया जाएगा।

The opening of packages and the weighing and packing of explosives shall not be carried on in the magazine.

5. दो या दो से अधिक वर्णन के विस्फोटकों को, जिन्हें मैगजीन में रखे जाने की अनुज्ञा दी जा सकती है, मैगजीन में तभी रखे जाएंगे जब उनमें से प्रत्येक को, ऐसे पदार्थ या स्वरूप का कोई मध्यवर्ती विभाजक लगाकर या उनके बीच ऐसा मध्यवर्ती स्थान छोड़कर, परस्पर पृथक कर दिया जाए कि किसी वजह से विस्फोटक में लगने वाली आग या होने वाला विस्फोट किसी अन्य वर्णन के विस्फोटक तक न पहुंच सके - परंतु -

(प) 2 (नाइट्रेट मिश्रण), वर्ग 3 (नाइट्रो योगिक) के विभिन्न विस्फोटक, वर्ग 6 प्रथम प्रभाग के अंतर्गत आने वाले सुरक्षा पदार्थ और वर्ग 6 प्रभाग 2 के अंतर्गत आनेवाले विस्फोटक प्रेरक पदार्थ, जिनमें कोई खुला होला या इस्पात नहीं है, एक दूसरे के साथ बिना किसी मध्यवर्ती विभाजक या स्थापन के रखे जा सकते हैं।

(ड) वर्ग 6 प्रभाग 3 के अंतर्गत आनेवाले विस्फोटक प्रेरक अलग रखे जाएंगे।

(च) वर्ग 1 के अंतर्गत आने वाले बारूद को अलग रखा जाएगा।

Two or more description or explosives which may be permitted to be kept in the magazine shall be kept only if they are separated from each other by an intervening partition of such substance or character, or by such intervening space, as will effectually prevent explosion or fire in the one communicating with the other; Provided that—

(d) the various explosives of Class 2 (nitrate-mixture), Class 3 (nitro-compound), safety fuses belonging to Class 6 Division 1 and detonating fuses belonging to Class 6 Division 2 as do not contain any exposed iron or steel, may be kept with each other without any intervening partition or space;

(e) Detonators belonging to Class 6 Division 3 shall be kept separately.

(f) Gun powder belonging to Class 1 shall be kept separately.

6. वर्ग 3 (नाइट्रो योगिक) के विस्फोटकों को, उनके विनिर्माण की तारीख से एक वर्ष बीत जाने के पश्चात सिवाय अनुज्ञापन प्राधिकारी की विशेष मंजूरी के मैगजीन में नहीं रखा जाएगा।

Explosives of Class 3 (nitro compound) shall not be kept in the magazine after the expiration of one year from the date of their manufacture except with the special sanction of licensing authority.

7. वर्ग 3 (नाइट्रो योगिक) के विस्फोटकों को, उनके विनिर्माण की तारीख से एक वर्ष बीत जाने के पश्चात मैगजीन में तभी रखा जाएगा जब कि किसी विस्फोटक नियंत्रक ने इसके लिए विशेष मंजूरी दे दी हो।

(i) जब ऐसी मंजूरी दे दी गई हो तो प्रत्येक निरीक्षण पर किसी विस्फोटक नियंत्रक से ऐसा लिखित प्रमाणपत्र अभिप्राय कर लिया जाए जिसमें दी गई मंजूरी के अंतर्गत आनेवाली अवधि दर्शित की गई हो और ऐसे प्रमाणपत्र के अनुज्ञापिधारी अपने पास रखेगा और मांग की जाने पर प्रस्तुत करेगा।

(ii) जब कोई विस्फोटक मानक शुद्धता का न रह जाने के कारण या द्रवणीकरण या नाइट्रो गैस/सरीस या द्रव नाइट्रो योगिक के निकल जाने के बिना प्रकट होने के कारण मैगजीन में भण्डारित किए जाने के उपयुक्त नहीं रह जाता है तो अनुज्ञापिधारी अपने ही व्यय पर ऐसे विस्फोटक के निपटारे के लिए ऐसे निदेशों का अनुपालन करेगा जो मुख्य नियंत्रक या विस्फोटक नियंत्रक जारी करें।

Explosives of Class 3 (nitro compound) shall not be kept in the magazine after the expiration of one year from the date of their manufacture except with the special sanction of the Controller of Explosives.

(i) When such sanction has been given, a written certificate showing the period covered by the sanction shall be obtained from the Controller of Explosives at each inspection, and shall be kept by the licensee and produced on demand.

(ii) When an explosive owing to its being no longer of standard purity or owing to signs of liquefaction or of exuded nitro-glycerin or liquid nitro-glycerin or liquid nitrocompound is no longer fit for storage in the magazine or store house the licensee shall comply, at his own expense, with such directions as to its disposal as the Chief Controller or Controller of Explosives may issue.

8. मैगजीन के भीतरी भाग या उसमें लगी बेंचें, शेल्फें और फिटिंग का इस प्रकार संरक्षण किया जाएगा या उन्हें इस प्रकार अंतरित या अखतरित किया जाएगा कि विस्फोटक का किसी लोहे या इस्पात के साथ संपर्क रोका जा सके। भीतरी भाग में लगी बेंचें, शेल्फें और फिटिंग यथासाध्य पिट से मुक्त एवं साफ रखे जाएंगे तथा ऐसे विस्फोटक, जो जल से सक्तनाक रूप में प्रभावित हो सकते हैं, इस बावत सम्यक सावधानी बरती जाएगी कि वहां कोई जल मौजूद न रहे; परंतु किसी लोहे या इस्पात के खुले होने के विस्फोट सावधानी से संबंधित इस शर्त का वह भाग ऐसे किसी भवन में बाधेकर नहीं होगा जिसमें वर्ग 6 (गोला बारूद) के प्रथम के विस्फोटक से भिन्न कोई विस्फोटक रखा गया है।

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

9. यदि तडित चालक का परीक्षण विस्फोटक नियंत्रक करता है तो अनुज्ञापिधारी ऐसे परीक्षण के लिए विहित फीस का संदाय करेगा यदि परीक्षण असमाधानकारी सतित होता है तो उसी ही फीस अनुज्ञापिधारी द्वारा पञ्चवर्ती प्रत्येक परीक्षण के लिए तब तक दी जाती रहेगी जब तक कि परीक्षण अधिकारी तडित चालक को समाधानप्रद घोषित नहीं कर देता।

परंतु किसी एक परीक्षण के लिए देय फीस किसी एक दिन के दौरान किसी चालक के किए गए सभी परीक्षणों के लिए प्रभावी होगी।

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

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

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

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

10. उपयुक्त तथा खेब रहित कार्यकरण वस्त्रों, उपयुक्त जूतों के प्रयोग द्वारा तथा लताशी लेकर या अन्यथा अथवा ऐसे किसी साधनों द्वारा इस बावत सम्यक उपबंध किया जाएगा कि फैक्ट्री परिसर में अग्नि, दिग्गसलाई अथवा ऐसी कोई वस्तुएं या पदार्थ, जिससे विस्फोट हो सकता है या आग लग सकती हो, किन्तु इस शर्त के कारण ऐसी संरचना, स्थिति या स्वरूप में किसी कृत्रिम बत्ती का प्रवेश वर्जित नहीं है जिससे आग लगने या विस्फोट होने का खतरा न हो।

परंतु इस शर्त का वह भाग, जो लोहे या इस्पात के अपवर्जन को लागू होता है, ऐसे किसी भवन के संबंध में बाध्य कर नहीं होगा जिससे भिन्न कोई विस्फोटक नहीं रखा गया है।

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

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



K. SAJEENDRA BABU
Advocate & Nary
Roll No K-10641289
Kollam-691013
Kerala India

अनुज्ञापिका प्रमाण आर.ई.-3 और आर.ई.-4 या आर.ई.-5, जैसी स्थिति हो, में सभी विस्फोटकों का अभिलेख और लेखा रखेंगे और विस्फोटक नियम, 2008 के अधीन प्राधिकृत किसी भी अधिकारी के समक्ष उसके द्वारा ऐसा करने की मांग की जाने पर स्टॉक पुस्तक और अभिलेख प्रस्तुत करेंगे। स्टॉक पुस्तक विहित प्रोफार्मा में पृष्ठ संख्यांकित होगी।

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

12. परिवर्तन में कोई परिवर्तन या तब्दीली अनुज्ञापन प्राधिकारी के पूर्वानुमोदन बिना नहीं की जायेगी और अनुज्ञापिका ऐसी किसी शर्त का अनुपालन करेगा जो इस निमित्त अनुज्ञापन प्राधिकारी विनिर्दिष्ट करे।

Changes or alterations shall be carried out to the premises without prior approval of the licensing authority and the licensee shall comply with any conditions that may be specified by the licensing authority in this behalf.

13. मैगजीन सभी समयों पर अच्छी मरम्मत की स्थिति में बन्दई रखी जाएगी, या अच्छी हालत में बन्दई रखी जाएगी। यदि किसी कारणवश किसी विस्फोटक के भण्डारण के लिए मैगजीन अनुपयुक्त हो जाती है तो अनुज्ञापिका इस बात की सूचना अनुज्ञापन प्राधिकारी को तुरंत देगा।

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

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

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

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

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

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

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

16. विस्फोटकों के पैकेटों के सहे इस प्रकार लगाए जाएंगे कि कम से कम एक व्यक्ति भण्डार किए गए सभी पैकेटों की हालत की जाँच करने और प्रत्येक पैकेट की विनिर्माण विवरणों को पढ़ने के लिए उनके बीच से होकर आ जा सके।

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

लटित चालकों की भूमि के लिए प्रतिरोध पर्याप्तभूत न्यूनतम होगा और किसी भी दश में 10 ओह्म से अधिक नहीं होगा।

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

17. मैगजीन के चारों ओर 15 मीटर की दूरी के अंतर्गत कोई सूखे घस या झाड़ी या ज्वलनशील सामग्री नहीं रहने दी जाएगी।

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

18. विस्फोटकों के प्रत्येक पैकेट की, जब उसे मैगजीन के भीतर लिया जा रहा हो, ठीक दशा जानने के लिए परीक्षा की जाएगी।

Every package of explosive at the time of bringing inside the magazine shall be examined for its sound condition.

19. किसी मैगजीन भंडारण में किसी एक समय में चार व्यक्तियों से अधिक को नहीं रहने दिया जाएगा।

Not more than 4 persons shall be allowed inside the magazine or store house at any one time.

20. विस्फोटकों के खाली पैकेटों को शीघ्रतः वहाँ से हटा दिया जाएगा और नष्ट कर दिया जाएगा।

Empty packages of the explosives shall be removed at the earliest and destroyed.

21. अनुज्ञापिका और कर्मचारियों को परिसर के भीतर आपातकाल के दौरान की जाने वाली प्रक्रियाओं से अवगत होना चाहिए।

The licensee and the employee shall be conversant with procedure to be taken during the emergency within the premises.

22. निरीक्षण या नमूने अधिकारी को सभी मुक्तिपुक्त समयों पर अनुज्ञापन परिसर में अबाध रूप से पहुंचने दिया जाएगा और यह सुनिश्चित करने के लिए कि अधिनियम और इन नियमों के उपबंध और सुरक्षा विधियों को सम्यक्, अनुपालन किया जा रहा है, अधिकारी को प्रत्येक सुविधा प्रदान की जाएगी।

Free access to the licensed premises shall be given at all reasonable times to any inspecting or sampling officer and every facility shall be afforded to the officer for ascertaining that the provisions of the Act and these rules and the safety conditions are duly observed.

23. यदि अनुज्ञापन प्राधिकारी या विस्फोटक नियंत्रक अनुज्ञापिका को अनुज्ञापन परिसर या नश्वर, दूत या उपकरण में ऐसी कोई मरम्मत या परिवर्तन या परिवर्तन करने या विपरिणामों को लागू करने को लिखित रूप में सूचित करता है जो परिसर के अंदर या बाहर या व्यक्तियों की सुरक्षा के लिए आवश्यक है, अनुज्ञापिका विपरिणामों को निम्नलिखित करेगा और विनिर्दिष्ट अवधि के भीतर अनुपालन रिपोर्ट ऐसे प्राधिकारी को देगा।

If the licensing authority or a Controller of Explosives informs in writing, the holder of the licence to execute any repairs or to make any additions or alterations to the licensed premises or machinery, tools or apparatus or carry out recommendations, which are in the opinion of such authority may pose unacceptable risk and so necessary for the safety of either on-site or off-site of the premises or persons, the holder of the licence shall execute the recommendations and report compliance within the period specified by such authority.

24. अनुज्ञापिका मैगजीन में रखने और बिक्री के लिए प्राधिकृत विस्फोटक सूची में उल्लिखित अनुज्ञापन फैक्टरी या कंपनी से प्राधिकृत विस्फोटक, अतिशयबाजी या सुरक्षा पत्ती खरीदेगा।

The licensee shall purchase authorised explosives/ fireworks or safety fuse as mentioned in the list authorised explosives from a licensed factory or company for possession and sale from the magazine.

25. निम्न से अधिक ध्वनि स्तर उत्पादित करने वाले अतिशयबाजियों पटाखों की बिक्री और रखने के लिए -

(क) जो फटने की जगह से चार मीटर की दूरी पर है, 125 डीबी (ए) या 145 डीबी (सी) पी के प्रतिबंधित होंगे;

(ख) भूखला (जुड़े हुए पटाख) को गठन करने वाले व्यक्तिगत पटाखों के लिए उपर्युक्त उल्लिखित सीमा 5 लॉग (एन) डीबी (सी) पी के प्रतिबंधित होंगे;

The possession and sale of fire-crackers generating noise level exceeding:

a) 125 dB(A) or 145 dB(C)pk at 4 meters distance from the point of bursting shall be prohibited;

- b) For individual fire-cracker constituting the series (joined fire-crackers), the above mentioned limit be reduced by 5 log₁₀ (N) dB, where N = number of crackers joined together.

26. आग या विस्फोट द्वारा दुर्घटना या नुकसान पटाखों की कमी या चोरी, तुरंत पास के पुलिस थाने और अनुज्ञापन प्राधिकारी और अनुज्ञापन प्राधिकारी के स्थानीय कार्यालय को रिपोर्ट की जाएगी।

Accidents by fire or explosion and losses, shortage or theft of explosives shall be immediately reported to the nearest police station and the licensing authority and local office of the licensing authority.

अतिरिक्त शर्तें / Additional Conditions :

1. अनुज्ञापिका विदेशी मूल के अतिशयबाजी को न प्रदर्शित करेगा, न रखेगा और न ही उसकी बिक्री करेगा। The licensee shall not exhibit, possess and sell fireworks of foreign origin.

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



M. SAJEENDRA BABU
Advocate & Notary
Roll No. K-105-1980
Kollam-681013
Kerala, India

Digitally signed by Dr T L THANULINGAM
Reason: Licence No. E/SC/KL/22/1793
Location: Chennai [E72992]
Date: 26-05-2024 14:54:33 PM

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/BC/KL/22/1793(E72992) in form LE-3 granted to Shri R. Shemeel, Managing Partner, M/s. GALAXY ROCKS, Mukkunnam, Kumbalangi P.O., Kadakkal, Kerala-691559.

Type of Structure(s)		Safety distances meters	
Inside Safety Distances(ISD)		M	UM
1	Room or Workshop used in Connection with the Magazine	16	24
2	Any other Explosives Magazine or store House or Factory of the Applicant		
3	Magazine Office		
Middle Safety Distances(MSD)			
4	Magazine Keeper's or Chowkidar's Dwelling house		
5	Railway including Minerals and Private Railways		
6	Canal (in active use) or other navigable water		
7	Dock or Pier or Jetty		
8	Public Highway or Public Road		45
9	Private Road which is PRINCIPAL means of access to a Temple, Mosque, Church, Gurudwara or other places of worships, Hospital, College, School or Factory		
10	River Embankment or Sea Embankment or Public Well		
11	Reservoir or Bounded tank/rope way		
12	Windmill or Solar panel for Power Generation		
Outside Safety Distances(OSD)			
13	Dwelling House		
14	Govt. and Public Building		
15	Temple, Mosque, Church or Gurudwara or other Places of Worships		
16	Shops, Market place, Public recreation and Sports Ground, College, School, Hospital, Theater, Cinema or other Building where the public are accustomed to assemble		
17	Factory		
18	Buildings or Works used for the Storage in Bulk of Petroleum, Spirit, gas, or other inflammable or hazardous substances		
19	Building or Works used for Storage and Manufacture of Explosives or of articles which contain Explosives		68
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	68	
28	Electric Power over head Transmission Lines upto 440V	15	

The Date : 26/03/2024

For Joint Chief Controller of Explosives
South Circle, Chennai

Amendments :

- Change in Authorized Signatory/Occupier/Partners/Directors dated : 26/03/2024
- Change in Postal Address dated : 26/03/2024
- Amendment in Drawings/Facilities/Premises dated : 26/03/2024
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 26/03/2024

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



Shameel
Shameel

Digitally signed by D. L. THANJULINGAM
Reason: License No. E/BC/KL/22/1793
Location: Chennai (672992)
Date: 26-03-2024 14:54:15 PM

SHAMEEL BABU
Notary
KOLLAM
Kerala India

Cert No. SMR-E /8035



भारत सरकार/Government of India

खान अधिनियम, 1952/Mines Act, 1952

खनन परीक्षा बोर्ड/Board of Mining Examinations

द्वितीय श्रेणी प्रबंधक सक्षमता प्रमाण-पत्र

SECOND CLASS MANAGER'S CERTIFICATE OF COMPETENCY

(केवल ओपनकास्ट खानों तक सीमित)

(Restricted to mines having opencast workings only)

(धात्विकीय खान विनियम, 1961 के अन्तर्गत)

(Under the Metalliferous Mines Regulations, 1961)

श्री शेख फिरोज अहम्मद जैकी

सुपुत्र

शेख मुस्ताक अहम्मद

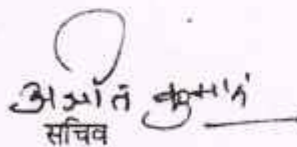
जिनकी जन्म तिथि 13.09.1997

हैं, को विहित अर्हताएं एवं अनुभव प्राप्त करने का सन्तोषजनक प्रमाण प्रस्तुत करने पर एतद्वारा केवल ओपनकास्ट धात्विकीय खानों के प्रबंधन हेतु द्वितीय श्रेणी प्रबंधक सक्षमता प्रमाण-पत्र प्रदान किया जाता है। यह प्रमाण-पत्र दिनांक 01 अक्टूबर 2020 से प्रभावी है।

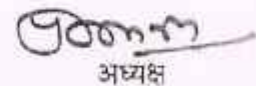
Shri SHAIK FEROZE AHAMAD ZAKAY son of SHAIK MUSHTAQ AHAMAD

born on 13 SEPTEMBER 1997

having given satisfactory evidence of possessing the prescribed qualifications and experience is hereby granted SECOND CLASS MANAGER'S CERTIFICATE OF COMPETENCY to manage the metalliferous mines having opencast workings only. This certificate is effective from. 01.10.2020


सचिव

खनन परीक्षा बोर्ड
Secretary
Board of Mining
Examinations


अध्यक्ष

खनन परीक्षा बोर्ड
Chairman
Board of Mining
Examinations

Signed and Sealed

Date 14.11.2021

SMR-E

To

SHAIK FEROZE AHAMAD ZAKAY

Home Address

Village RAMAVARAM
PO RAMAVARAM
Police Station II TOWN
District BHADRADRI KOTHAGUDEM
State TELANGANA-507118

प्रमाणित किया जाता है कि उनकी सक्षम चिकित्सा अधिकारी द्वारा स्वास्थ्य परीक्षा कर
खान में कार्य करने के लिए स्वस्थ घोषित किया जाता है।

Certified that he has been examined by qualified medical
officer and declared fit for employment in mines.

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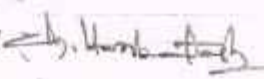
3 _____ को 4 _____ को
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5 _____ को 6 _____ को
On On

7 _____ को 8 _____ को
On On

9 _____ को 10 _____ को
On On

Prepared by 

Checked by 



భారత ప్రభుత్వం
Government of India



Shaik Feroze Ahamad Zakey
Shaik Feroze Ahamad Zakey
పుట్టిన తేదీ/DOB: 13/09/1997
పురుషుడు/ MALE



7726 2422 1369

VID : 9136 3808 0934 0800

నా ఆధార్, నా గుర్తింపు



భారత విశిష్ట గుర్తింపు ప్రాధికార సంస్థ
Unique Identification Authority of India

వీరువాసా:
C/O షేక్ మస్తాక్ అహమద్, డి-730, నెహ్రూ బస్టి, భద్రాద్రి
కోటగూడెం, రామవరం, రామవరం, ఖమ్మం,
తెలంగాణ - 507118

Address:
C/O Shaik Mushtaq Ahamad, DA-730, nehru
basthi, bhadradri kothagudem,
ramavaram, Raamavaram, Khammam,
Telangana - 507118



QR code with (shaikferoz)@aaj

7726 2422 1369

VID : 9136 3808 0934 0800



www

(Signature)

It is noticed from the study that the crystalline rocks are present in the study area are massive and the fracture zones are present 60m below ground level. Hence, it can be concluded that the granite building stone mining activities in M/s Galaxy Rocks, will not affect either the phreatic aquifer system or the confined to semi confined aquifer system of the area. The hydrogeological investigation study report is attached as Annexure 7.

7.4. Slope Stability Study

The area does not fall in any landslide hazard zone where no history of landslide is reported in the close vicinity of proposed project site. As per the slope stability study, the proposed site contains hard single strata of rocks which make them less prone to slope failure. Through effective management with mitigation measures can also reduce the susceptibility of slope failure. Detailed study on slope analysis and land slide was conducted and is attached as Annexure 5.

7.5. Vibration Study

Vibration study was conducted by the National Accreditation Board for Education and Training (NABET) accredited EIA consultant M/s ULTRA TECH Environmental Consultancy and Laboratory, the RQP of the project Mr. V K Roy and NABL accredited, and MoEF&CC recognized Environmental Monitoring Laboratory M/s Envirodesigns Ecolabs on 27th April 2023. The necessary approvals and permissions from concerned authorities were obtained by the Project Proponent. Permissions attached as Annexure 6.

A reconnaissance survey was conducted to understand the site-specific conditions such as topsoil thickness, presence of exposed outcrop, rock continuity, stability of rock slopes, nearest infrastructure etc., and to identify the locations of blasting and the locations for measuring the vibrations with calibrated Vibration Meter. Main objectives of this vibration study are; evaluation of zone of influence and evaluation of impact of blasting on neighbourhood.

The methodology formulated for vibration study and photographs of vibration study is given in Figure 7.2 and Figure 7.3 respectively.



Figure 7.2: Methodology of Vibration Study



Reconnaissance Survey



Location Finalization



Vehicle carrying Explosive



Nitrate Mixture



Supremedet-S Combidet 3 Mtrt 25-250 MS (Nonel)



Vibration Meter VB – 8205



Figure 7.3: Photographs of Vibration Study

Based on the site conditions and the proximity of the nearest residences (nearest residence at 130 m SE from BP 11), a total of five locations where outcrop of granites is clearly visible was selected for the blasting. Two locations for each blasting were identified at varying distances from blasting location in the direction of presence of infrastructure for vibration measurement. Details of nearest house is given in Figure 2.4.

From the Google Earth Image, (Figure 7.4) it is observed that the highest elevation of the area is 180 m and lowest elevation is 140 m with an average elevation of 159 m. The highest elevation is noted from the proposed mine leasehold area where as the elevation profile of the nearest house is 146 m. From the figure it can be further concluded that the house is located on a valley

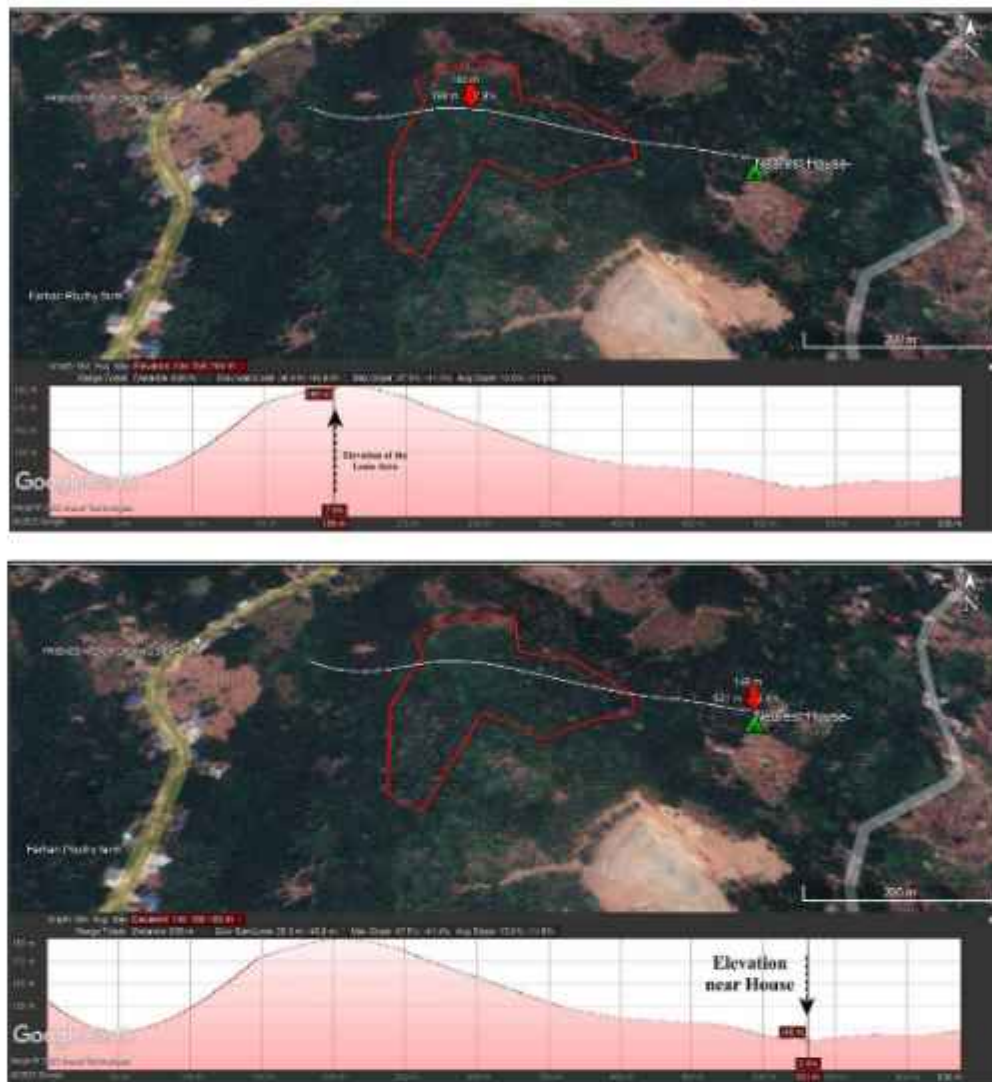


Figure 7.4: Google Earth Imagery showing Elevation Profile of the Area

Location details of blasting and vibration monitoring locations are given in Figure 7.5.



Figure 7.5: Google Earth Image showing Blasting & Vibration Monitoring Locations

- At every blasting location, a total of five blast holes were drilled mechanically, each of diameter 32 mm and 1.5 m depth in a row. Spacing between each blast hole was kept 1.0 m. Individual cartridges with a 20 mm diameter and weight of explosive of 250 g were used to fill each blast hole. 2 cartridges were used for each blast hole.
- Non-electric explosives such as Supremedet-S Combidet 3 Mtrt 25-250 MS (Nonel) and nitrate mixture are used for blasting.
- Vibration measurements were taken at two different locations using Vibration Meter VB-8205 HTC. Peak Particle Velocity (PPV) for various blasts in terms of ground vibration were recorded along with distances from blasting location.
- The zone of influence was measured using Inverse Distance Weighted (IDW) interpolation tool in QGIS software, where the peak particle velocity (PPV) was taken as the known cell value for interpretation. An area of 200 m radius from the project boundary is taken, where four houses exist. According to the map shown in Figure 7.6, the highest influence (3.45 mm/s – 4.23 mm/s) is measured to be at a distance of 50.0 m from the vibration measuring point, V5, which is at a distance of 24 m from blasting point, B3. From the map, it is evident that the impact of ground vibration is low to the nearby houses.
- Maximum PPV recorded was 4.23 mm/s at a distance of 24.0 m from blasting location. Maximum PPV was found to be less than 15 mm/sec, which is the safe PPV defined by Directorate General of Mines Safety (DGMS) for Domestic Houses (Brick/Cement).

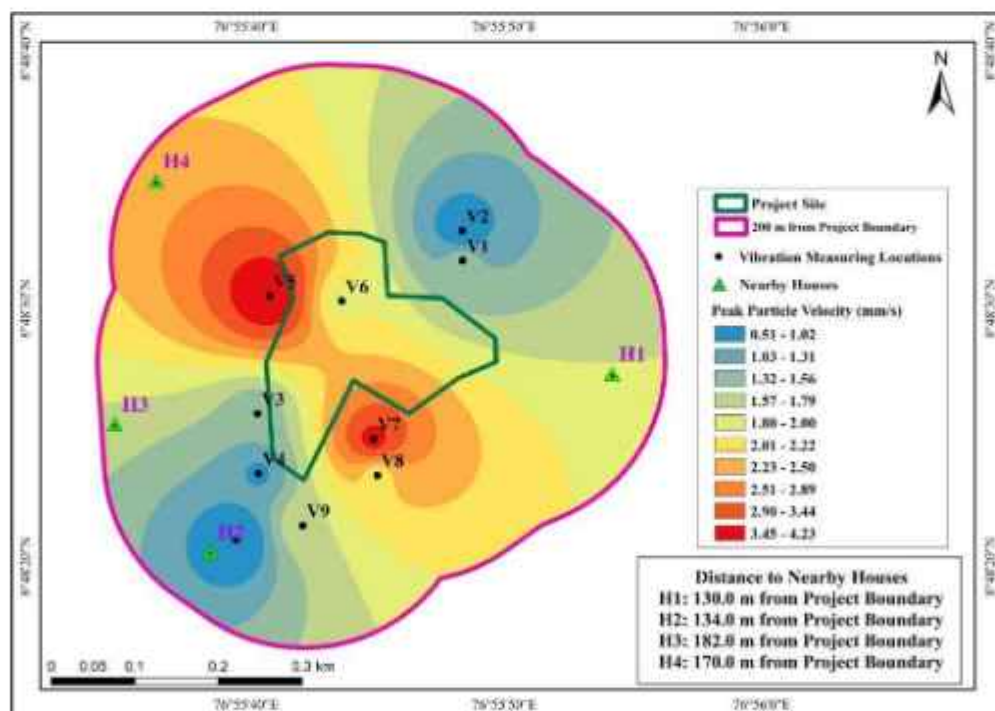


Figure 7.6: Map of Zone of Influence

- With the recommended blast hole depth of 1.5 m & 32 mm diameter; maximum of 250 g of explosive with NONEL technology the effect of vibration can be controlled within 50.0 m from the blasting site. Additionally, it should be emphasized that the NONEL blasting approach significantly reduced the ground vibration while having little to no impact on the neighboring built-up structures.

VIBRATION MONITORING REPORT

Page 1 of 2

Report No. : EEL/LR/23/0022700/843
Issue Date : April 29, 2023

Issued To:
M/s. ULTRA TECH
Environmental Consultancy and Laboratory
No.199, First Floor, Door No. 55/1308- B
Girinagar, Near Community Hall, Club Road
Kadavanthra, Kochi-682020.

Customer ref. : Verbal

Name of the Project: Environmental Monitoring at Granite Building Stone Quarry of M/s. Galaxy Rocks.
Location : Kummil Village, Kottarakkara Taluk, Kollam, Kerala.

Sample receipt form Ref. No. : SRF/V/04/843 dt. 27.04.2023

Monitoring done by: Lab field technicians

Sample Particulars: Vibration Monitoring

Date of monitoring : April 27, 2023
Blasting Site : Area where blasting has done with specific charge and delay
Lab identification code : V/04/843
Method Used: Instrumental method (SOP No. EEL/ENV/MP/01)

Presentation of Results

Vibration Measurement No.	Blast No. and Location (GPS Coordinates)	Measuring location- Distance from blast site (m)	Vibration Measuring Location (GPS Coordinates)	Frequency (Hz)	Peak particle velocity (PPV) (mm/s)
1.	B1 (NE) N 8°48' 30.18" E 76°55'47.90"	50	N 8°48' 31.87" E 76°55'48.39"	96	1.45
2.		88	N 8°48' 33.03" E 76°55'48.38"	81	0.67
3.	B2 (SW) N 8°48' 25.22" E 76°55'41.63"	26	N 8°48' 25.94" E 76°55'40.44"	177	1.35
4.		50	N 8°48' 23.61" E 76°55'40.48"	114	0.95
5.	B3 (NW) N 8°48' 30.21" E 76°55'41.60"	24	N 8°48' 30.51" E 76°55'40.90"	135	4.23
6.		64	N 8°48' 30.30" E 76°55'43.71"	112	1.91
7.	B4 (S) N 8°48' 26.71" E 76°55'44.27"	53	N 8°48' 24.95" E 76°55'44.94"	102	3.67
8.		100	N 8°48' 23.54" E 76°55'45.08"	84	2.08

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Report No. : EEL/LR/23/0022700/843

Vibration Measurement No.	Blast No. and Location (GPS Coordinates)	Measuring location- Distance from blast site (m)	Vibration Measuring Location (GPS Coordinates)	Frequency (Hz)	Peak particle velocity (PPV) (mm/s)
9.	B5 (SW) N 8°48' 23.03" E 76°55'42.18"	45	N 8°48' 21.59" E 76°55'42.20"	78	1.78
10.		100	N 8°48' 21.03" E 76°55'39.61"	59	0.51

No. of Delays per Blast : 1 No.

Weight of Charges : 125gm x 2nos.

Depth of the Pit : 1.50m

DGMS Limit

Permissible Peak Particle Velocity (ppv) at the foundation level of structures in Mining Areas in mm/s

Type of structure	Dominant excitation Frequency, Hz		
	<8 Hz	8-25 Hz	>25 Hz
(A) Buildings/structures not belong to the owner			
(i) Domestic houses/structures(kuchha brick & cement)	5	10	15
(ii) Industrial Buildings (RCC & Framed structures)	10	20	25
(iii) Objects of historical importance & sensitive structures	2	5	10
(B) Buildings belonging to owner with limited span of life			
(i) Domestic houses/structures(kuchha, brick & cement)	10	15	25
(ii) Industrial buildings (RCC & framed structures)	15	25	50

Instrument used for Monitoring

Vibration meter, Make: HTC, Model VB-8205, Sl. No. N861716, ID No. EEL/VBR/01


Susan Abraham
Technical Manager
Authorised Signatory
Envirodesigns Eco Labs

....End of Report....



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ANNEXURE - 12

Newspaper advertisement published in a local daily newspaper.

2025 ഒക്ടോബർ 11
TVM ശനി

മിംഗിളം

പൊതുജന അറിയിപ്പ്

ഗ്യാലക്സി റോക്സ് മൂക്കുന്നം കുളിൽ കടയ്ക്കൽ പി ഓ മാനേജിംഗ് പാർട്ണർ എന്ന സ്ഥാപനത്തിന് കുളിൽ വില്ലേജ് കുളിൽ പഞ്ചായത്ത് കൊട്ടാരക്കര താലൂക്ക് കൊല്ലം ജില്ല റിസർവ്വേ നമ്പർ 416/10, 416/12, 416/3-2, 416/3, 416/3-3, 417/8, 417/7, 417/8-2, 417/3, 417/9, 417/2, 417/1-2, 413/2, 417/1-3, 417/1-6, 417/1-4, 417/1-5 എന്നീ നമ്പരുകളിൽ ഉള്ള 4.2146 ഹെക്ടർ സ്ഥലത്ത് നിന്ന് പാറ വന്നും ചെയ്യുന്നതിനുള്ള സംസ്ഥാന ആലോചന നിർണ്ണയ സമിതിയുടെ No: 2162/EC2/ 2022/ SEIAA (25/1/2025) അനുമതി ലഭിച്ചതായി പൊതുജനങ്ങളെ അറിയിക്കുന്നു. ആയതിന്റെ പകർപ്പ് പരിസ്ഥിതി കാലാവസ്ഥ വ്യതിയാന വകുപ്പിന്റെ ഓഫീസിൽ നിന്നോ www.seiaakerala.org എന്ന വെബ് സൈറ്റിൽ നിന്നോ ലഭിക്കുന്നതാണ്.

TEST REPORT

ULR No: TC1293926000011812F

LRI No.: SEAAL26042511A

Date: 27-04-2026

Page 1 of 1

CUSTOMER DETAILS

Customer Name & Address	M/s Galaxi Rocks (Represented by Mr Shemeel R Managing Partner) Building No.11/206, Kumali O O, Kottarakara, Kollam District
	Test Request date: 22-04-2026

SAMPLE DETAILS

Product Category	Atmospheric Pollution	Sample Code	EN26040974
Sample Name	Ambient Air	Sample Received on	23-04-2026
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	24-04-2026
Sampled by	Lab Authorized Sampler	Test Completed on	27-04-2026

DETAILS OF SAMPLING

Sampling Location	Project Site	Date of Sampling	22-04-2026
Sampling Procedure	SEAAL/CHL/SOP/7.3/02	Humidity	70%

INFORMATION PROVIDED BY CUSTOMER-SAMPLING SITE DETAILS

Survey No	416/10, 416/12, 416/3-2,416/3,416/3-3,417/8,417/7,417/8-2,417/3,417/9,417/2,417/1-2,413/2,417/1-3,417/1-6,417/1-4,417/1-5,		
Village	Kummil	Taluk	Kottarakara
District	Kollam	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	59.7	100 (Max)
2	Particulate matter ,PM _{2.5}	IS 5182 (Part 24): 2019	µg/m ³	29.9	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)

Remarks:

End of Report


Shency Joy
 TM - Chemical
 Checked by


Ramar R.
 Technical Head
 Authorized Signatory

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

TEST REPORT

ULR No: TC1293926000011811F

LRI No.: SEAAL26042510A

Date: 27-04-2026

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CUSTOMER DETAILS

Customer Name & Address	M/s Galaxi Rocks (Represented by Mr Shemeel R Managing Partner) Building No.11/206, Kumali O O, Kottarakara, Kollam District
Customer Reference	Test Request Date: 22-04-2026

SAMPLE DETAILS

Product Category	Water	Sample Code	WT26040884
Sample Name	Ground Water	Sample Received on	23-04-2026
Sample Description by Customer	Open Well Water	Temperature @ Receipt	4°C
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	24-04-2026
Sample Quantity& Packing	2L & 125-ml in a Plastic Bottle	Test Completed on	27-04-2026
Information Provided by Customer	---	Sampled by	Lab Authorized Sampler

DETAILS OF SAMPLING

Sample Source	Project Site	Date of Sampling	22-04-2026
Sampling Procedure	SEAAL/QAD/SOP/7.3/01	Sample Temperature	26°C

INFORMATION PROVIDED BY CUSTOMER -SAMPLING SITE DETAILS

Survey No.	416/10, 416/12, 416/3-2,416/3,416/3-3,417/8,417/7,417/8-2,417/3,417/9,417/2,417/1-2,413/2,417/1-3,417/1-6,417/1-4,417/1-5,		
Village	Kummil	Taluk	Kottarakara
District	Kollam	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): 2021	Hazen	1	5 (Max)


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Remya B.
 TM-Biological
 Authorized Signatory


Ramar R.
 Technical Head
 Authorized Signatory

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TEST REPORT

ULR No: TC1293926000011811F

LRI No.: SEAAL26042510A

Date: 27-04-2026

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TEST RESULTS- CHEMICAL DISCIPLINE

Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500: 2012
2	Odour	IS 3025 (Part 5): 2018	---	Agreeable	Agreeable
3	Turbidity	IS 3025 (Part 10): 2023	NTU	<0.10	1.0 (Max)
4	pH @ 25°C	IS 3025 (Part 11): 2022	---	6.66	6.50-8.50
5	Conductivity	IS 3025 (Part 14): 2013	µS/cm	149	---
6	Total Dissolved Solids @ 180°C	IS 3025 (Part 16): 2023	mg/L	81.8	500 (Max)
7	Total Hardness as CaCO ₃	IS 3025 (Part 21): 2009	mg/L	28.3	200 (Max)
8	Calcium as Ca	IS 3025 (Part 40): 2024	mg/L	7.38	75 (Max)
9	Magnesium as Mg	IS 3025 (Part 46): 2023	mg/L	2.46	30 (Max)
10	Chloride as Cl	IS 3025 (Part 32): 2025	mg/L	17.9	250 (Max)
11	Total Alkalinity as CaCO ₃	IS 3025 (Part 23): 2023	mg/L	8.04	200 (Max)
12	Iron as Fe	IS 3025 (Part 53): 2024	mg/L	0.11	1 (Max)
13	Sulphate as SO ₄	IS 3025 (Part 24/Sec 1): 2022	mg/L	<1.00	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/100 ml	Absent/100 ml
2	E.coli	IS 15185 : 2016	----	Absent/100 ml	Absent/100 ml

Remarks:

End of Report



Shency Joy
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Remya B.
TM-Biological
 Authorized Signatory



Ramar R.
Technical Head
 Authorized Signatory

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TEST REPORT

ULR No: TC1293926000011813F

LRI No.: SEAAL26042512A

Date: 27-04-2026

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CUSTOMER DETAILS

Customer Name & Address	M/s Galaxi Rocks (Represented by Mr Shemeel R Managing Partner) Building No.11/206, Kumali O O, Kottarakara, Kollam District
Customer Reference	Test Request date: 22-04-2026

DETAILS OF MONITORING

Product Category	Atmospheric Pollution	Sample Code	EN26040975
Sample Name	Ambient Noise	Monitoring Commenced on	22-04-2026
Test Method	IS 9989:1981	Monitoring Completed on	23-04-2026
Monitoring Location	Project Site	Monitored by	Lab Authorized Sampler

INFORMATION PROVIDED BY CUSTOMER -SAMPLING SITE DETAILS

Survey No.	416/10, 416/12, 416/3-2,416/3,416/3-3,417/8,417/7,417/8-2,417/3,417/9,417/2,417/1-2,413/2,417/1-3,417/1-6,417/1-4,417/1-5,		
Village	Kummil	Taluk	Kottarakara
District	Kollam	State	Kerala

MONITORING RESULTS - Leq

TIME	RESULTS dB(A)	TIME	RESULTS dB(A)	TIME	RESULTS dB(A)
06:00	38.6	14:00	51.7	22:00	39.9
07:00	41.4	15:00	52.1	23:00	38.7
08:00	45.8	16:00	53.3	24:00	40.2
09:00	49.4	17:00	53.7	01:00	38.3
10:00	51.7	18:00	48.2	02:00	37.9
11:00	54.9	19:00	44.6	03:00	39.5
12:00	52.1	20:00	40.6	04:00	40.2
13:00	51.3	21:00	40.1	05:00	42.2


Shency Joy
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 Technical Head
 Authorized Signatory

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TEST REPORT**ULR No: TC1293926000011813F**

LRI No.: SEAAL26042512A

Date: 27-04-2026

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Sl. No.	PARAMETERS	UNIT	RESULT
1	Ambient Sound Level (Leq) Day Time	dB(A)	52.3
2	Ambient Sound Level (Leq) Night Time	dB(A)	41.2

Remarks:

End of Report


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Technical Head
Authorized Signatory

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TEST REPORT

LRI No.: SEAAL26042513N	Date: 27-04-2026	Page 1 of 1
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CUSTOMER DETAILS	
Customer Name & Address	M/s Galaxi Rocks (Represented by Mr Shemeel R Managing Partner) Building No.11/206, Kumali O O, Kottarakara, Kollam District
Customer Reference	Test Request Date : 22-04-2026

SAMPLE DETAILS			
Product Category	Pollution & Environment	Sample Code	EN26040976
Sample Name	Soil	Sample Received on	23-04-2026
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	24-04-2026
Sample Quantity& Packing	250 g in Polyethene Bag	Test Completed on	27-04-2026
Information Provided by Customer	---	Sampled by	Lab Authorized Sampler

DETAILS OF SAMPLING			
Sample Source	Project Site	Date of Sampling	22-04-2026
Sampling Procedure	SEAAL/CHL/SOP/7.3/01	Sample Temperature	31 °C

INFORMATION PROVIDED BY CUSTOMER - SAMPLING SITE DETAILS			
Re Survey No	416/10, 416/12, 416/3-2,416/3,416/3-3,417/8,417/7,417/8-2,417/3,417/9,417/2,417/1-2,413/2,417/1-3,417/1-6,417/1-4,417/1-5,		
Village	Kummil	Taluk	Kottarakara
District	Kollam	State	Kerala

TEST RESULTS- CHEMICAL DISCIPLINE				
Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT
1	Chlorides	SEAAL/CHL/SOP/7.2/16	mg/kg	429
2	Available Potassium	SEAAL/CHL/SOP/7.2/11	meq/100g	61.9

Remarks:

End of Report


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Compliance to the Concerns/Queries from Public Hearing

As per as per EIA Notification no. S.O. 1533 (E) dated 14th September 2006 and subsequent amendments; the proposed project, Category B1 requires public hearing as the total mining lease area exceeds 5 ha attracting the cluster condition. Public hearing for the proposed Granite Building Stone Quarry of M/s. Galaxy Rocks was conducted by KSPCB District Office, Kollam on 22.07.2023 at 10 am at Kadakkal Grama Panchayath Town Hall, Kadakkal, Kollam, Kerala. The remarks/comments of the proponent to the queries/concerns raised by the public during the public hearing as per the Minutes of Meeting (MoM) prepared by KSPCB is detailed Table 1.

Table 1: Compliance of Public Hearing Queries

S. No.	Speaker	Concerns Raised by the Public	Remarks/Comments of Proponent
1.	Mr. Madhusudan Pillai Gokulam, Cherukara	Residing in the midst of three quarries. Due to the existing quarries, the houses are falling apart, finally becoming useless.	As per the survey map (Mining Plan Plate No. 2B) certified by the Village Officer (Kummil) and District Geologist (Kollam) the nearest house is owned by Mr. Prakash, Thadatharikathu Veedu, House No. XI/667 at a distance of 130 m from BP 11 of the proposed quarry. As per the cluster certificate issued by Dept. of Mining and Geology, Kollam (Annexure 3 of EIA report) dated 29.11.2022, the no. of operational quarries within the 500 m radius of the proposed quarry is 2. However, when the proposed quarry becomes operational, there will be only two operational quarries in the cluster, as the validity of EC of Karthika Granite Quarry I has expired in 29.11.2022 and validity of lease on 31.01.2023. Therefore, the quarry which will work along with the proposed quarry is Karthika Granite Quarry II (<i>ref chap 2, section 2.6, Figure 2.7 of this EIA report</i>). As per the vibration tests conducted, the Peak Particle Velocity measured at a distance of 24 m is only 4.23 mm/s, which is less than the limit of 15 mm/s issued by DGMS. Therefore, the operations of the proposed quarry are not expected to cause any damages to any existing built structures. (<i>ref chap 7, sec 7.5 of this EIA report</i>).
		The intolerable sound levels create non-	The day time and night time ambient noise levels were monitored at 8 locations for

		habitable living conditions.	cluster and the results are found to be within the Noise Level Limits as per Noise Pollution (Regulation and Control) Rules, 2000. (<i>ref chap 3, sec 3.6.3 of this EIA report</i>).
		To understand this condition, the officers should visit the houses personally	Noted
2.	Mr. Sheriff, Alumkunnil Veedu, Mukunnam	Said that he is a heart patient, whose family consists of wife suffering from cancer and a bed ridden son. Health records can be submitted if needed. The residence shares one of its boundaries with the plot proposed for the project. Cracks have developed in the walls, and wells because the existing quarries. At this age and health, it is difficult to even think about constructing a new house.	There are no built-up structures or habitation present in the 50.0 m radius of the proposed mining leasehold area. The nearest residence is 130.0 m from BP 11 owned by Mr. Prakash, Thadatharikathu Veedu, Kummil P. O., House No. XI/667 (<i>ref chap 2, Figure 2.4 of this EIA report</i>). As per the vibration tests conducted, the operations of the proposed quarry are not expected to cause any damages to any existing built structures. (<i>ref chap 7, sec 7.5 of this EIA report</i>).
		The blast sounds are scary.	Eight sampling location were selected after identifying the sensitive locations in the vicinity of proposed project site. 24-hour baseline monitoring was conducted using sound level meter. (<i>ref Figure 3.21 of this EIA report</i>). The day time and night time ambient noise level results are found to be within the Noise Level Limits as per Noise Pollution (Regulation and Control) Rules, 2000. (<i>ref chap 3, sec 3.6.3 of this EIA report</i>).
		A small consideration for the concerns regarding shortage of rocks throughout the state was expressed.	Noted

		Still, action should be deeply thoughtfully and considerate about every single person	
3.	Mr. Hoja Najida Manzil, Mukunnam	The existing quarries have created a lot of damages to the area surrounding them, yet the authorities took no action against them. Complaints against the quarries were not considered by authorities. To understand the difficulties due to quarry operations, authorities should visit the nearby houses personally	It is to be noted that the complaint is against the existing quarries in the cluster. However, to understand about the complaints raised by the local people, a consultation meeting was conducted with the Ms. Rajitha (Ward Member of Mukunnam) and Mr. Irshad (Ward Member of Mankadu). The details of stakeholder consultation with ward members are summarized in <i>chap 3, sec 3.8.4</i> of this EIA report.
4.	Mr. Sharafudheen, Aseena Manzil, Kallutheri	Residing near the existing quarry. During blasting the walls shake considerably, and people are unable to sleep at night. The proponent has purely monetary intentions regarding the project. The actual loss has to be borne by the residents of the area	Vibration test conducted at the proposed quarry site revealed that the maximum PPV values are within DGMS standards. As explained earlier the operations of the proposed quarry are not expected to cause any damages to any existing built structures (<i>ref chap 7, sec 7.5</i> of this EIA report).
5.	Mr. Vishnu V.S, Cherukara, Puthan veedu	Had complaints about vismaya rocks, kondodi, which failed in repairing the damaged roads, and in planting trees which were promised as pollution control measures during its project proposal. Hence, present project	The measures to mitigate air and noise pollution include the following: 1. NONEL detonator 2. Greenbelt development plan 3. Ambient air quality monitoring as per the Environment Monitoring Programme. 4. Regular maintenance of engines and exhaust systems 5. Water sprinkling

	proponent should give adequate control measures against air and noise pollutions.	6. Vehicles with valid PUC only will be utilised. 7. Loaded trucks will be covered with tarpaulin sheets (1) To ensure the effective implementation of these and all other mitigation measures and the environment management plan (EMP), an Environment Management Cell (EMC) will be constituted by the PP. The funds earmarked for EMP will be maintained in a separate bank account and the details of the same will be communicated to the SEIAA through Half Yearly Compliance Reports (HYCRs)
	Blasting using other than nonel causes vibration and pollutes the ground water by percolating through the soil. Since this is a hilly area, the entire waste water finally reaches the stream.	Non-electric (NONEL) Detonator is proposed to be used for the blasting of rocks. Only class 2 and class 3 explosives are proposed to be used. (<i>ref chap 2, sec 2.5.2 of this EIA report</i>). Surface and ground water quality was evaluated. All the parameters monitored are within the acceptable limit. (<i>ref chap 3, sec 3.4., 3.4.3. & 3.4.4. of this EIA report</i>). However, based on this suggestion the environmental monitoring programme has been revised to include the water quality monitoring of the upstream and downstream of Cherukara Thodu every 6 months. (<i>ref chap 6 Table 6.1 of this EIA report</i>).
	The residents of this area will suffer from rock chips that may fall on their houses, and the quarry dust. Ultimately the proponent alone will be beneficiary of this project. Public will be at the losing side. Hence, clarifications are required regarding these issues before proceeding with the	The PP proposes only NONEL detonator to reduce the fly rock menace. Only class 2 and class 3 explosives are proposed to be used. (<i>ref chap 2, sec 2.5.2 of this EIA report</i>). CER activities were finalised in consultation with the Ward Member (MS. Rajitha from ward 2 and Mr. Irshad from ward 7) and door to door socio-economic survey conducted as explained in (<i>ref chap 3, sec 3.8.4, 3.8.5 & 3.8.6 of this EIA report</i>).

		project. the fact that the CSR utilization plan does not involve Cherukara, was pointed out.	
6.	Mr. Ajith Kumar, Kadakkal	Resides within a 300 m Radius of the quarry and the family will be the primary victims if the rock chips fall from the quarry.	The usage of NONEL detonator will reduce the noise, fly rock and vibration, only class 2 and class 3 explosives are proposed to be used. (<i>ref chap 2, sec 2.5.2 of this EIA report</i>).
		House shake during blasting.	The results of vibration study depict the zone of influence and is clearly explained in the query no. 4 or (<i>ref chap 7, sec 7.5 of this EIA report</i>).
		Gunshot sounds are already scary.	Regulation and control of noise pollution is clearly addressed in query no. 2 or (<i>ref chap 3, sec 3.6 of this EIA report</i>).
		The commissioning of the quarry will be resisted at all costs. Still, if the project is granted, then the houses should be relocated	Noted
7.	Mr. Ansari, A, Ansia Mansil, Mukunnam	Attended two public hearings before, but all of them were ineffective in addressing the grievances of the public. The proposed quarry is in between two existing quarries. There are rumours about commissioning of fourth quarry in the same cluster. The residence is at the foothills of this quarry, and photos of the damage were exhibited. Complaints are being	Noted. The no. of operational quarries will be only two only, (<i>ref chap 2, sec 2.6, Figure 2.7 of this EIA report</i>).

		registered against existing quarries from 2019 onwards.	
		The effectiveness of green belt, development projects etc are unreliable.	The detailed greenbelt development plan is proposed at the project site to capture fugitive emissions, soil erosion, to minimize noise pollution (<i>ref chap 10, sec 10.3</i> of this EIA report). EMC will ensure the effective implementation of EMP.
		The road accidents involving tipper lorries carrying rocks, and other difficulties in the daily living resulted in filing a writ petition in 2019.	Noted the complaint against the existing quarries.
		Requests were made to take necessary actions in those complaints. The neighbouring houses have already developed cracks. Sir. Rajeev, official from Mining & geology inspected the site and submitted the report. Time limit should be imposed to tackle the traffic problems created by tipper lorries	Trip regulations enforced by the government departments will be followed, such as the restrictions on truck movement during school traffic hours. In addition, several traffic management measures are planned for the proposed quarry such as appointing a traffic warden, installing traffic convex mirrors and regular training of truck drivers. The cost estimated for these is INR 2.37 lakhs. In addition, a grievance redressal cell is proposed to be established to address any concerns of the local population (<i>ref chap 7, sec 7.6</i> of this EIA report).
8.	Mr. Thankappan Pillai, Sajeev Vilasam, Cherukara	The residents plot (15 cents) shares one of the boundaries with the quarry hill. Wife is a heart patient of 38 yrs. and is currently undergoing treatment at the medical college hospital. House was built by a loan granted from a govt housing loan project.	According to the survey map prepared by the Village Officer of Kummil, there is no human settlement within a radius of 50 m from the lease boundary.

		This house is affected and not usable, due to the falling of rock chips during blasting the people should be either relocated or legal action must be taken against the existing quarry owners	Noted
9.	Shri.Venugopal Nair, Cherukara	Residing amidst the three quarries, with Karthika granites I and II in the north and south of the house respectively. The presentation made for the proposed quarry is not correct, as they have not visited the affected areas in person	Socio-economic surveys were conducted for the 10.0 km study area, by dividing it to 3 zones. 50% of the houses for door to door socio-economic surveys were selected within 0-2 km from the study area, 30% from within 2-5 km radius and the remaining 20% from within 5-10 km radius. Details of door to door survey is attached as Annexure 12 of this EIA report.
		Contrary to the presentation there are 45 families within a 50 m radius of the quarry. This demographic group include cancer, lungs and ear patients. Shortage of drinking water is a problem in this area.	According to the survey map approved by the Village Officer of Kummil, there is no human settlement within a radius of 50 m from the lease boundary. This is attached as Mining Plan Plate No. 2B.
		Within one km radius of the quarry flows the cherukara river, which is not mentioned in the presentation.	There are several mentions of Cherukara Thodu in the EIA report, such as in the sections 1.7.1, 2.4, Figure 2.4, 2.8.1, 3.7.2 etc. It is mentioned that drainage of the lease area is from east to west direction and through natural drainage in a dendritic pattern joins Cherukara Thodu and finally reaches Vamanapuram River.
		Considering all these facts if the govt does not take necessary steps, the fate of the panchayat will be same	The EMP will ensure that, there are no significant adverse impacts on the environment or the local inhabitants due to the proposed quarry. The EMC will ensure the implementation of EMP and the

		as that of the disaster affected panchayats of Kasargod due to endo sulphur issue. A written complaint was submitted to ADM	complaints of the same will be communicated to the SEIAA through HYCR.
10.	Mr.Abdul Kalam, Mukunnam	House is within 500 meters radius of the proposed quarry. It is difficult to live in a house which is located within 1 km radius of the quarry. More damage will be incurred by these houses, if the project is commissioned. The consent shall be given only after relocating the people	The issues of vibration and noise which cause the basic uninhabitable environment is detailed in the query no. 2 and 4. The benefits of the usage of non-electronic detonators are clearly addressed in query no. 5
11.	Mrs. Saritha	House is within 50 m radius of Karthika Granites. The walls are already cracked, and the family's health is already deteriorating day by day. Hence, quarry shall be commenced only after relocating the people. House is within 75 m radius of the proposed quarry	As per the survey map (Mining Plan Plate No. 2B) certified by the Village Officer (Kummil) and District Geologist (Kollam) the nearest house is owned by Mr. Prakash at a distance of 130 m from BP 11 of the proposed quarry.
12.	Mr. Salahuddin, Puthuvila Veedu, Mukkunnam	This report is submitted without conducting proper studies. The present study is unreliable incomplete and partial. Mukkunnam area has a cluster of residential buildings, which are already	EIA study has been conducted based on the Standard Terms of Reference (ToR) for conducting EIA study for non-coal mining projects issued by the MoEF&CC, April 2015 ToR approved by SEIAA, Kerala dated on 21.03.2023.

		damaged due to quarry operations.	
		To the local residents the quarry operations feel like actual bomb blasts. A complaint has been given to panchayat authorities regarding this matter.	Noted
		The details of nearby temples and mosques are not shown in the report.	The social setting, which give the details of the nearby temples and mosques are included in <i>cha 3, sec 3.8.3</i> of this EIA report. Archaeological or Historically Important Sites present within the 10 km radius of the proposed project site are given in the EIA report (<i>ref table 3.25</i> of this EIA report).
		The authorities and officials cannot be trusted anymore. If any unfortunate incidents happen near the cliff, there will be loss of life. The idea of complete closure of all quarries is supported.	Noted
13.	Mr.Jayakumar, Jayavilasom, Maniyan Mukk	Neighbour of quarry and a heart patient, whose life has become miserable due to explosion activities. Even in the monsoons the wells are drying up.	Hydrogeological studies have been carried out and the results are attached as Annexure 7 of EIA report. It is to be noted that, the ultimate pit level is 65 m AMSL and the existing water table is 58 m AMSL hence, no impact is anticipated on water table leading to drying up of wells. Depth of water table based on observations in nearby well (at a distance of 45.0 m from BP 10) is about 58 m AMSL (<i>ref Figure 2.4</i> of this EIA report).
		Quarry operations start at 5.30 am the sound during operations feel like bomb blasts. The quarry can be described as well of death.	The blasting time of the proposed quarry will be from 10.00 am to 11.00 am (Forenoon) and 01.00 pm to 02.00 pm (Afternoon).

		Authorities should visit the quarry before taking actions on this consent	Noted
14.	Mr. Vijayakumar, Karthika, Cherukara	No officers have ever visited this place.	Noted
		There is an anganvadi within a 100 m radius. All the nearby houses are cracked. If these houses collapse and lives are lost nobody will take responsibility. The cost of land is decreasing hence selling the land is impossible.	The nearest residence is 130.0 m away towards south-east direction. (<i>ref chap 2, sec - 2.4</i> of this EIA report) Nearest anganawadi is located 0.56 km, S from BP 15.
		Breeding of mosquitoes in the quarry water body creates unhealthy living conditions.	Mosquito/Pests menace is addressed and mitigation measures are given in (<i>ref O.6.1</i> of this EIA report)
		The false comments raised by the people from far away locations of the quarry is strongly opposed. The people affected by operations of the quarry should be relocated. The strong opposition against the proposed quarry is declared	Noted
15.	Mr. Ansari, Anvar Manzil, Mookunnam	Karthika granites commences their blasts even before 5 am. Now, the family health is deteriorated. Cattles are dying, walls are cracked. Windows vibrate when lorries pass by.	Operational timing for the proposed quarry will be 6.00 am to 6.00 pm.
		This quarry will cause collapse of these	Noted

		houses. As the nearby residents of this area, strong opposition against the proposed quarry is declared.	
16.	Mr. Shanawas, P.K.P. House, Mukkunnam	Social worker. Houses near Karthika granites are cracked, and the living conditions are really bad. If this project is given clearance, then the natives will be united to protest strongly against quarry operations. The authorities are hereby requested not to issue environmental clearance. The public should be protected, and action should be taken against the Galaxy Rocks.	Noted
17.	Mrs. Jayakumari	Rock pieces from the quarry fall even at a distance of 55 m below the quarry. The house is made of clay and bricks, and there is water scarcity in this area. Hence the government should provide necessary help.	The usage of NONEL detonator, development of greenbelt etc. will reduce the noise, fly rock and vibration. Only class 2 and class 3 explosives are proposed to be used. (<i>ref chap 2, sec 2.5.2 of this EIA report</i>).
18.	Mr. Prasad, State General Secretary, All Kerala Owners of Quarry Association, Ilamadu Panchayat	Local residents questioned the rights of an outsider to opine in matters relating to their own panchayat. ADM gave an assurance that opportunity to express his views will be given later	Noted

19.	Ms. Vijayakumari, Paravila, Puthenveedu, Cherukara	Husband is unwell. During the quarry operations, pebbles fall on the house. The authorities shall relocate them and address their complaints	This concern is answered in the query no. 17 or (<i>ref chap 10, sec 10.3, chap 2, sec 2.5.2. of this EIA report</i>).
20.	Mrs. Leelamaniyyamma, Manjusha Vilasam, Cherukura	Unable to go to work because of deteriorating health. Water is scarce. The construction of the house allocated by the panchayat is incomplete	As per hydrogeological studies, no impact is anticipated on water table leading to drying up of wells.
21.	Mrs. Safeena Beevi, Ginsi Mansil, Mukunnam	Rearing livestock for livelihood. The cattle already died, following which a poultry farm was started. Now, poultry also died. The tilted roof house is also damaged, because of the quarry operations. Everything is destroyed and hence the residence was shifted later. Strong opposition against the proposed quarry was declared.	Noted
22.	Mr. Abdul Ghaffar, VKP House, Mukunnam	House is within 100 m and 200 m radius from Karthika granites and the Proposed quarry respectively. The lives and property of around 150 families should be protected.	Noted
		Karthika quarry has not planted any trees, as promised in their proposal.	Noted

		The need of the third quarry in this area was questioned. Complaints were filled in high court, village office and police station, but all in vain. Strong opposition against the proposed quarry was declared.	The no. of operational quarries will be two only, as the validity of EC of Karthika Granite Quarry I has expired (<i>ref chap 2, sec 2.6, Figure 2.7</i> of this EIA report).
23.	Mr. Najeeb, Pulimootil House	Local resident near the quarry. The people of the area face difficulties due to existing quarries. People are ready to launch a public protest against new quarry, as there is no faith in legal authorities now. Have already raised protests against the existing quarries	Noted
24.	Mr. Zakir Hussain, Anima Manzil, Kummil	There are two quarries and one crusher in this small area. Since the crusher is working within 1.5 km from the main road rock dust spreads on the road and makes them slippery. Even emergency trips have become tedious.	Noted the complaint against the existing crusher.
		The vehicles do not follow time regulations, and carry extra load on a daily basis. The uncontrolled traffic of twelve wheeled make the passage of two and four wheelers difficult.	The proposed quarry will strictly abide by the working timings, speed limit and the optimum amount of load carried by the heavy vehicles. (<i>ref chap 7, sec 7.6</i> of this EIA report).
		The concern over the lives of the next	Noted

		generations in a panchayat with an unusual no. of quarries were expressed. Doubts were raised regarding the conspiracy between the government officials and quarry owners. The huge fee association with the proceedings of judiciary is also unbearable hence at any cost the nearby residents must be protected	
25.	Mr. Jijo Vijayan, Vachikonam, Kadakkal	Has been filing complaints since 2002, and has attended all three public hearing held in the past. The piles of rocks near the house and the rock dust makes life difficult. Complaint has been filed in honourable high court and the human rights commission.	Noted.
		The heavy load carrying vehicles make the road travelling in difficulty	The proposed quarry will strictly abide by the working timings, speed limit and the optimum amount of load carried by the heavy vehicles.
26.	Mr. Ahmed Kabir, V.K. Cottage, Mukkunnam	Former Panchayat Member and a social worker. Quarries started their operations by highlighting the scarcity of rock products in the state, but do not follow any regulations imposed by the authorities.	Noted

		Due to the loss of lives and ill-health, local people are rejecting the quarries. Any attempt to start a new quarry will be protested.	Noted
27.	Mr. Abdul Javad, Ansar Manzil, Mukkunnam	There are 4 quarries in Kummil Panchayat, creating unbearable living conditions. Hence, all the quarries should cease their operations.	There are two quarries in the cluster (<i>ref chap 2, sec 2.6, Figure 2.7 of this EIA report</i>)
		If Environmental Clearance is not granted to this quarry, then Karthika Quarry will take over the quarry and will start operating it. Hence, either all quarries should be given clearance, or none of the quarries should be given clearance. If clearance is granted, then a public hearing shall be conducted every six months. Routine inspections should be made to the damage prone area to decide the compensations to be imposed on quarry owners for the losses incurred by the local residents	Noted
28.	Ms. Rajitha Kumari, Mukkunnam, Vice President,	The house is already cracked. The noise pollution from existing quarries is intolerable.	Noted the complaint against the existing quarries.

	Kummil Panchayat	The reasons for improper and incomplete studies before granting clearance was questioned. A strong will to support the public opinion was expressed	EIA study has been conducted based on the Standard Terms of Reference (ToR) for conducting EIA study for non-coal mining projects issued by the MoEF&CC, April 2015 ToR approved by SEIAA; Kerala dated on 21.03.2023.
29.	Mr. Nasser, Kummil	Social worker who resides within 2 km radius of the proposed quarry and bus driver of Mankad Govt school. The passage of lorries through the access roads of the school during school timings should be restricted. The vehicles from quarry run dangerously and the dust from the tipper makes the road slippery, and affects the health of the children Time schedule is not being followed by these tippers. Vehicles also run during school hours. The overloaded vehicles from the quarry damage the roads. A new quarry should be given clearance only after taking legal actions against existing quarries, and	Trip regulations enforced by the government departments will be followed, such as the restrictions on truck movement during school traffic hours. In addition, several traffic management measures are planned for the proposed quarry such as appointing a traffic warden, installing traffic convex mirrors and regular training of truck drivers. The cost estimated for these is INR 2.37 lakhs. In addition, a grievance redressal cell is proposed to be established to address any concerns of the local population (<i>ref chap 7, sec 7.6 of this EIA report</i>). The nearest school to the project site is Govt. UP School, Mankadu, which is 0.43 km, SSW from BP 15. The project proponent assured that there will not be any truck movement from his quarry in front of the school. Hence; the traffic flow of quarry vehicles has no impact on working of the school. The proposed quarry will strictly abide by the working timings, speed limit and the optimum amount of load carried by the heavy vehicles. Noted

		implementing the laws properly	
30.	Mr. Zakir, Sulekha Manzil, Mukkunnam	Heart patient. The rock blasting from existing quarries starts at 4.30 a.m.	The blasting time of the proposed quarry will be from 10.00 am to 11.00 am (forenoon) and 01.00 pm to 02.00 pm (afternoon).
		This must be inspected by the officials to make an informed decision. The severity of the existing bad living conditions was explained.	Noted
31.	Mrs. Sally, Sajna Mansil, Kummil	Has submitted a written complaint.	Noted
32.	Mr. Noushad, Fida Manzil, Mukkunnam	Non-resident Indian (NRI), whose house is within a 100 m radius of the quarry. Walls of house cracked due to working of existing quarry.	The nearest house is owned by Mr. Prakash, Thadatharikathu Veedu, House No. XI/667 at a distance of 130 m from BP 11 of the proposed quarry (<i>ref chap 2, sec 2.4 of this EIA report</i>).
		The previous hearings were ineffective in addressing public complaints and wavered the faith of the people with legal authorities. A request was made to accurately report all the concerns to the higher authorities. A strong opposition against the proposed quarry was declared.	Noted
33.	Mr. Sirajudheen	Person suffering from various illnesses, residing within a radius of 200 meters from the quarry. The blast noise is intolerable.	Regulation and control of noise pollution is clearly addressed in query no. 2 or (<i>ref chap 3, sec 3.6.3 of this EIA report</i>).

		As a self-employed person, and the sole bread-winner of the family, questions were raised on granting clearance to a quarry at a place where even digging of wells is prohibited. A strong objection to the proposed quarry was declared.	Noted
34.	Ms. Haseena, Obillah Manzil, Mukkunnam	Nearby resident to the proposed quarry. If the proposed quarry is not granted clearance, other quarry owners will occupy this plot. Hence, clearance should be granted, but proposals, and pollution control measures should be implemented properly.	Noted
		Compensations for damages to health and property should be timely done and be adequate. The extensive need for rocks and rock products were highlighted. If clearance is granted, then price of quarry products, conflicts between suppliers, drivers etc. will be reduced. Everyone benefits from quarries. Hence, the support towards the proposed quarry was declared	Noted

35.	Mr. Nazir	The support towards the proposed quarry was declared. In the recent years, the people who opposed these existing quarries took money from the quarry owners and stopped their protests. Hence, this time the favor towards the proposed quarry is declared.	Noted
36.	Mr. Shaiju, Kizhakkethil Veedu, Kallutheriyil	It was stated that the people who protested did not take any money, instead the people who supported the quarry received money from quarry owners.	Noted
37.	Mr. Rajendran Pillai, Kizhakkathil, Paripally	Resident near the existing quarries. But, as a construction worker, quarries are necessary, and will be favoured always.	Noted
38.	Mr. Madhu, President of Kummil Panchayat	Panchayath is very well aware of the need for rock products. The question about the choice of Kummil Panchayat for quarries are irrelevant, because quarry products will be obtained only from places where rock/cliff is available. Hence, quarry should be granted the clearance. It is reported that 37 people will get direct employment and twice as many people will get indirect jobs. Officers	Noted

		must ensure compliance of directions issued. Inspection should be done in every 6 months. Quarry should be operated in a safe manner except school hours. The damage to the houses should be compensated by the quarry owners, under the supervision of concerned officials.	
39.	Mr. M.S. Murali, Chitara Panchayat President, CITU Area Secretary	Rock products are necessary; hence quarry should be granted the clearance. But primary importance must be given to address people's problems, and protect the needs of the Panchayat. The Cherukara Panchayat also should be benefitted under CSR fund; hence construction of a reading room was suggested. Following suggestions were also made: (1) The Mangad School and the Anganvady maintenance activities must be taken over by the quarry owners: (2) The damage to the houses around Karthika Rocks should be assessed, and compensations must be	Based on this suggestion the proposed CER activities are modified to include the construction of an open auditorium at Govt. UP School, Mankadu after due consultation with school authorities.

		made, if found necessary. (3) Financial help must be provided to people suffering from health problems. (4) A few people will get a new livelihood, thereby reducing poverty to some extent. (5) The losses incurred to the local residents due to the operations of the quarry should be compensated by the quarry owners. (6) The concerns raised by the people should be addressed properly.	
40.	Mr. Ajayan, CPI(M), Kummil	The existing small quarries are suffering due to the difficulties in obtaining license. This affects the workers. An example is the quarries of Kondodi region, which used to employ nearly 500 people. Hence, new quarries should come into existence. But concerns raised by the people should be addressed properly. The officials should ensure that the quarries work within the directions stipulated by the regulatory authorities. In the last hearing, District Collector suggested to form a People's	Noted

		committee involving public representatives, for routine inspections and time-bound actions against legal violations. As a representative of CPI(M), strong support towards the proposed quarry was expressed.	
41.	Mr. Prasad, State Secretary, All Kerala Quarry Owners Association	Resident of Elamad Panchayat. The hurdles faced by quarry owners from 2012 were explained. In 2017, the Honourable Supreme Court of India ordered that quarries can be operated, if and only if, they are granted an environmental clearance. This led to the closure of several quarries. The shutdown of quarries will result in a huge tariff for rock products. The existing quarries are working with sufficient clearances. Regarding the proposed quarry, the EIA report is completely true. The nearest residence is located at a distance of 130 m from the proposed quarry. The minimum distance from residential building required for establishing a quarry is 50 m. Complaining about existing quarries in a public hearing meant for a proposed	Noted

		quarry is irrelevant. Hence, by addressing the concerns of the people, the project must go forward.	
42.	Mr. Irshad, Ward Member	The nuisance created by vehicles affects even the movement of ambulances. An example cited was the damaged Anganwadi building	The proposed quarry will strictly abide by the working timings, speed limit and the optimum amount of load carried by the heavy vehicles.
		The compensations to damage caused to the houses are not paid yet. The complaints are not redressed, none of the grievances are resolved, because the officials themselves are protecting the quarry owners.	Noted
		The missing details of the mosque, school, orphanage, library, hospital and Anganwadi in the neighborhood of the quarry makes this report unreliable, and inaccurate.	Details of the nearby social infrastructures are detailed and updated in the EIA report (<i>ref chap 3, sec 3.8.3 of this EIA report</i>)
		The utilization of CSR fund is not convincing to the public. Questions are raised regarding the identity of the people who decided the utilization of CSR fund. Instead of spending the entire CSR fund in the Kummil area, some funds should be	CER activities were modified in consultation with the Ward Members. Ms. Rajitha, the ward member of ward 2 and Mr. Irshad, the ward member of ward 7 were consulted. Based on their suggestion the proposed CER activities are modified to include the construction of an open auditorium at Govt. UP School, Mankadu after due consultation with school authorities.

		allocated the local areas also.	
		It was proposed that a People's Committee should be formed. While INC is not against establishment of any industries, it was declared that INC is opposing the quarry.	Noted
43.	Mr. B.H. Nifal, Kummil Grama Panchayat Member	Previous public hearings of the existing quarries were attended. It was mentioned that the rock extracted from Kummil is used even in Vizhinjam projects. But currently, the people of Chitara Panchayat are suffering from health issues. There are many unaddressed problems due to existing quarries. To understand these officials should visit the affected areas and make a wise decision.	Noted
		The existing quarries are enough to meet the requirements of the development projects of the state	Noted
44.	Mr. K Krishnapillai, Kummil	The existing quarries commence blasting operations by 4 am, and transports up to 100 trips per day (report mentions 35 trips/day). None of the grievances regarding existing quarries were addressed till now.	Operational timing for the proposed quarry will be 6.00 AM to 6.00 PM The proposed quarry will strictly abide by the working timings, speed limit and the optimum amount of load carried by the heavy vehicles.

		Modern technologies should be relied upon, to address the complaints and address the concerns of the public. The development of the state should be the ultimate aim. Hence, while new quarries are granted clearance, regular monitoring of the existing quarries shall also be done by the authorities.	Noted
45.	Mr. Kummil Shemeer, Kondodi Ward Member	Witness to the never-ending misery of the local people. The problems due to water scarcity, collapse of wells, and ground vibrations are very intense. The roof tiles slip, crack and fall out. The concerns of the people are apt and well placed. The present report does not describe the biodiversity of the region. The Elappara water falls, a primary tourist spot in the past, lies within a 494 m radius from the quarry. This water body is now highly polluted, thereby negatively affecting the tourism potential of the area.	A detailed Biodiversity Assessment Study was conducted by Dr. K. S. Anoop Das and team for the proposed project and the summary of the same is given in the EIA report <i>cha 3 sec 3.7</i>. The specified waterfall is Irappupaara waterfalls. The place is visited and the details are incorporated in the report (<i>ref chap 3, sec 3.4.3</i> of this EIA report) Wastewater will not be generated from the quarrying activities. The wastewater generation is only from the sanitation facilities and this will be treated in septic tank followed by soak pit. No sewage will be discharged to the water or land. The sludge generated from the septic tank will be cleaned and disposed to the vendors/dealers periodically. (<i>ref chap 2, sec 2.8</i> of this EIA report)

		The cluster under consideration, should also include the crushers of this area. Since this place is already surrounded by Vismaya rocks, H & P granites and Karthika Granites, commissioning the proposed quarry will ultimately result in a large scale, natural disaster.	Vismaya rocks and the H&P granites does not come under the proposed cluster. Based on Hazard Zonation Map, low hazard zone is observed at 1.07 km, medium hazard zone at 5.04 km and high hazard zone at 14.97 km from the boundary of project site. No natural hazards are anticipated in the project site.
		Hence, clearance should not be granted based on a study which is deemed incomplete. The trust on institutions like Panchayat, Taluk, Pollution Control Board, Environmental Clearance Authority etc. have declined	EIA study has been conducted based on the Standard Terms of Reference (ToR) for conducting EIA study for non-coal mining projects issued by the MoEF&CC, April 2015 and the ToR approved by SEIAA; Kerala dated 21.03.2023.
		The over-speed of vehicles from the existing quarries during school hours need immediate attention. If the concerns of the public are not addressed, then a people's protest will be started.	The project proponent assured that there is no truck movement in front of the school. Hence; the traffic flow of quarry vehicles has no impact on working of school. (<i>ref chap 7, sec 7.6 of this EIA report</i>). The trucks from the proposed quarry will not operate from 8.30-10.00 am and 3.30-5.00 pm considering the school timings. Furthermore, the speed limits enforced by the government departments on various roads, will be strictly adhered to.
		Doubts were expressed regarding the inclusion of Government land in the proposed quarry area. If so, National Green Tribunal (NGT) will be approached.	There is no government land in the proposed quarry. The possession certificates are attached as Annexure 2 of approved Mining Plan.

46.	Mr. Jayakumar, Kesava Vilasam, Vilamanur PO, Kalluvathukkal	The people's concerns should be addressed and resolved completely, on a bureaucratic level. Along with quarry operations, people's lives and environment should be protected. Hence, a People's Committee is necessary. Inspections should happen every 6 months to monitor the quarry operations.	Noted
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