June | 2026

COMPLIANCE REPORT

QUARRY PROJECT OF
M/s Megha Engineering & Infrastructure Ltd

Date: 30-6-2026

From

M/s Megha Engineering & Infrastructure Ltd,
S2 Technocraft Indl.Estate,
Balanagar, Hydrabad, Telengana-500037
(Represented by its General Manager, Prabakar)

To

The Administrator
State Level Environment Impact Assessment Authority
Kerala

Sub: Regarding complying compliance of EC
Ref: Environmental Clearance No. 71/Q/2023 dated 24-03-2023 (Proposal No. SIA/KL/MIN/269091/2022, File No. 1975/EC4/2022/SEIAA)

With reference to the subject compliance report is submitting for the Granite Building Stone Quarry for an area of 2.1854 Ha in block no. 37, resurvey nos. 74/772, 74/151, 74/154, 74/152, 74/1D in Kuttur Village, Payyannur Taluk, Kannur District, Kerala.

Only primary work has started. Soil from the cutting area was removed as part of safety and the same is dumped in the specified yard area in the project site. A small quantity is dumped inside the area of M/s RDS Project Pvt Ltd which will be used for reclamation. Thus, the project area is virgin area. Since quarrying lease is not executed, no quarrying operations have commenced in the project area.

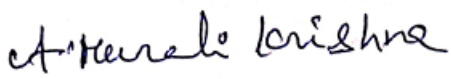
Mr. Shaji. A. K, filed a complaint against our quarry on 21-11-2023. Based on the complaint, the Hon'ble High court in WP(C) 33573/2024 ***directed the Director, Directorate of Mining & Geology to take a decision after hearing the petitioner and respondent (M/s Megha Engineering & Infrastructure Ltd) within a period of two months, if the representation has not been already considered and disposed of. Accordingly, the writ petition is disposed of.***

In 150th SEIAA meeting, *"the Authority decided to wait for the decisions of the Director, Mining & Geology Department as directed by Hon'ble High Court and in the meantime SEAC to conduct field inspection as directed in the 147th SEIAA meeting for finalizing the action to be taken against the Project Proponent".*

In 177th SEAC meeting, *"the Committee decided to defer the item for field inspection and report."*

Thanking You

For M/s Megha Engineering & Infrastructure Ltd



Prabakar
General Manager

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INTRODUCTION

Granite Building Stone Quarry of M/s Megha Engineering & Infrastructure Ltd (Represented by its General Manager, Prabakar) situated in block no. 37, resurvey nos. 74/772, 74/151, 74/154, 74/152, 74/1D in Kuttur Village, Payyannur Taluk, Kannur District for an area of 2.1854 Ha.

Environmental clearance was obtained from SEIAA, Kerala vide 71/Q/2023 dated 24-03-2023 for a period of 5 years for extracting 8,53,876.9MT of granite building stone with an annual production of 1,70,775MT.

REFERENCE

As part of general condition No. 48 of Environmental Clearance order, the proponent shall submit Half Yearly Compliance Reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) and upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically.

This report contains the compliance of conditions of Environmental Clearance.

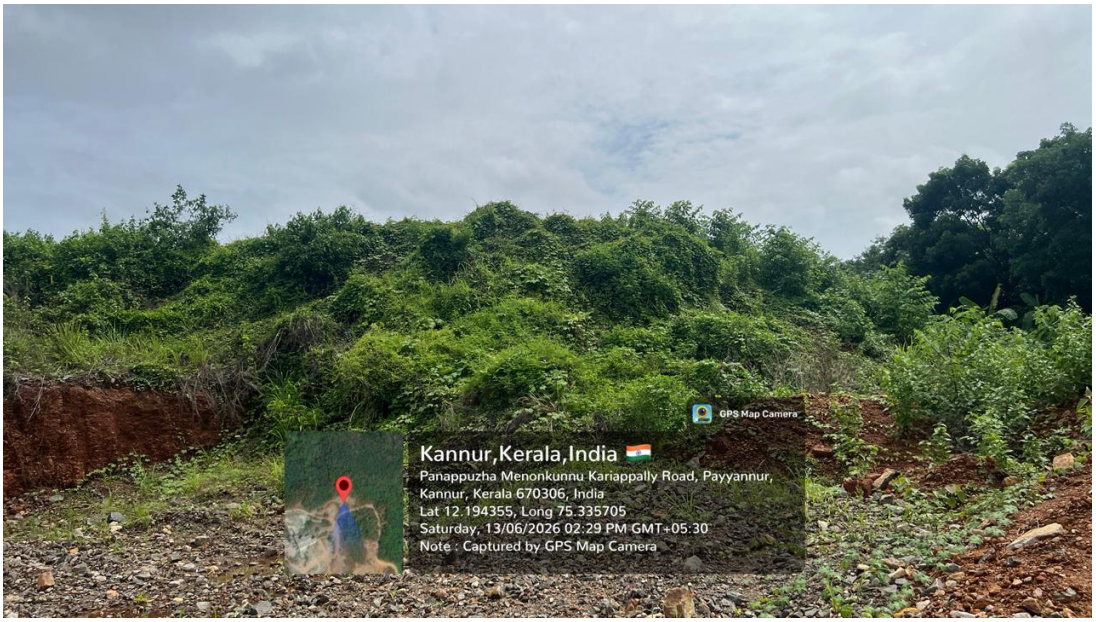
SPECIFIC CONDITION

SL NO	CONDITION	STATUS
1	The proponent shall carry out quarrying as per the approved Mining Plan and the proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby	Since quarrying lease is not executed, no quarrying activity has been undertaken. After commencing mining operation, quarrying will be carried out purely as per the approved Mining Plan. Proponent will strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments.
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 lease order should be provided to the SEIAA before commencing the mining activity	Environmental Clearance (**annexure I**) is granted for the project life of 5 years from the date of execution of lease. Lease is not yet executed, after execution copy of the lease order will be provided to the SEIAA before commencing the mining

		activity.
3	All the observations/directions made by NGT in the case of nearby quarry (RDS Project) shall be scrupulously followed	All the observations/directions made by NGT in the case of nearby quarry (RDS Project) will be scrupulously followed
4	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	Since quarrying lease is not executed, no quarrying activity has been undertaken. Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain will be provided prior to the commencement of mining
5	Garland drain, silt-traps, siltation ponds and outflow channel should be desilted periodically and geo-tagged photographs of the process should be included in the compliance report	Mining operations has not yet started. Garland drain, silt-traps, siltation ponds and outflow channel will be desilted periodically after the commencement of mining. Geo-tagged photographs of the process will be included in the next compliance report prepared after the commencement of mining.
6	Green belt development in the buffer zone should be done in the first year of the project itself and it should be nurtured and maintained in subsequent years	After the commencement of mining, green belt development in the buffer zone will be done in the first year and it will be nurtured and maintained in subsequent years
7	Compensatory afforestation should be done with indigenous species and the geo coordinates of the afforested place with photographs should be provided along with HYCR.	Compensatory afforestation program will be start soon after commencing mining operations with indigenous species and the geo coordinates of the afforested place with photographs will be provide along with next HYCR.
8	Gabion wall of appropriate height should be provided at the overburden dumping site	Gabion wall around Overburden with appropriate height will be provided at the overburden dumping site. Topsoil is removed slightly and photographs is attached

Figure 1: Photograph of OB Dump yard





9	CER Plan should be implemented within the first 2 years and it should be operated and maintained till the mine closure plan is implemented	CER will be implemented within the first 2 Years soon after commencing mining operations and will maintain till the mine closure plan is implemented.
10	Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).	Transportation of mined material will not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).
11	The impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly	The impact of vibration due to blasting on the nearest houses and built structures will be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the next Half Yearly Compliance Report

	Compliance Report	
12	The haulage road should be strengthened and maintained dust-free and with avenue trees of indigenous species.	The haulage road will be strengthened and maintained dust-free after commencing mining operation and with avenue trees of indigenous species
13	Adequate sanitation, waste management and rest room facilities should be provided to the workers	Adequate sanitation, waste management and restroom facilities will be provided for the workers. Construction of restroom facilities is under process.
14	Adequate energy conservation measures proposed should be implemented including solar power installations for street light and office	Adequate energy conservation measures proposed will be implemented including solar power installations for streetlight and office. Streetlight installation is under process.
15	The Environment Management Cell (EMC) should include an Environmental expert and the proceedings of the monthly meeting of the Environment Management Cell (EMC) should be submitted along with the HYCR	Environment Management Cell (EMC) with an Environmental expert will be organized soon after the commence of mining operation. Soon after the commencing of mining operations, monthly meeting of the Environment Management Cell (EMC) will be done, and the proceedings of the monthly meeting will be submitted along with next HYCR
16	Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.	Blasting mats will be used during rock blasting to contain the blast, prevent fly rocks and suppress dust
17	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	PP has already submitted Environment Management Plan 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. A copy of the approved EMP/CER is already available to the concerned Panchayat for information and implementation support. Since quarrying lease is not executed, no quarrying activity has been undertaken. CER will be implemented within the first

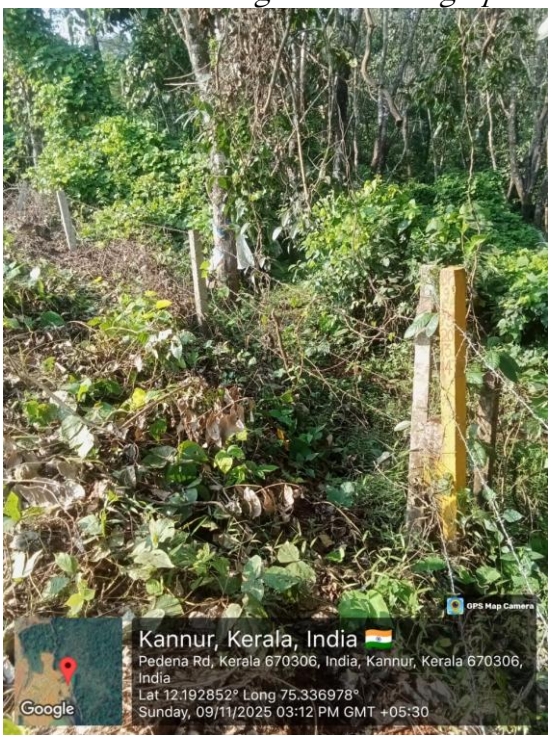
	information and implementation support. The indicated cost for implementation of CER activities shall be 2% of the project cost.	2 Years soon after commencing mining operations
18	In the wake of occurrence of large scale landslides in the state, as per the information provided by the Department of Mining & 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	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
19	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	PP is aware of the condition to 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 will be included in the next Half Yearly Compliance Report which can be monitored by SEAC at regular intervals
20	The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986	PP is aware of the condition.

GENERAL CONDITION

SL NO		CONDITION	STATUS
I		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 will prepare the affidavit stating that all the conditions stipulated in the EC shall be scrupulously followed and will be submitted in next HYCR.
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.	Statutory clearances like panchaytah license and explosive license from PESO are not yet obtained. Only consent to operate from KSPCB is obtained. • CTO file no. KSPCB/KN/ICO/10002636/2022 dated 01-07-2022 valid up to 30-04-2025 Copies of all statutory clearances are attached as consent to operate in **annexure 2**
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.	The Details of Environmental Clearance that are advertised in two local newspapers will be submitted in next HYCR.
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	Copy of EC already submitted to concerned panchayath. Environmental Clearance is uploaded on the website www.kutturquarry.com

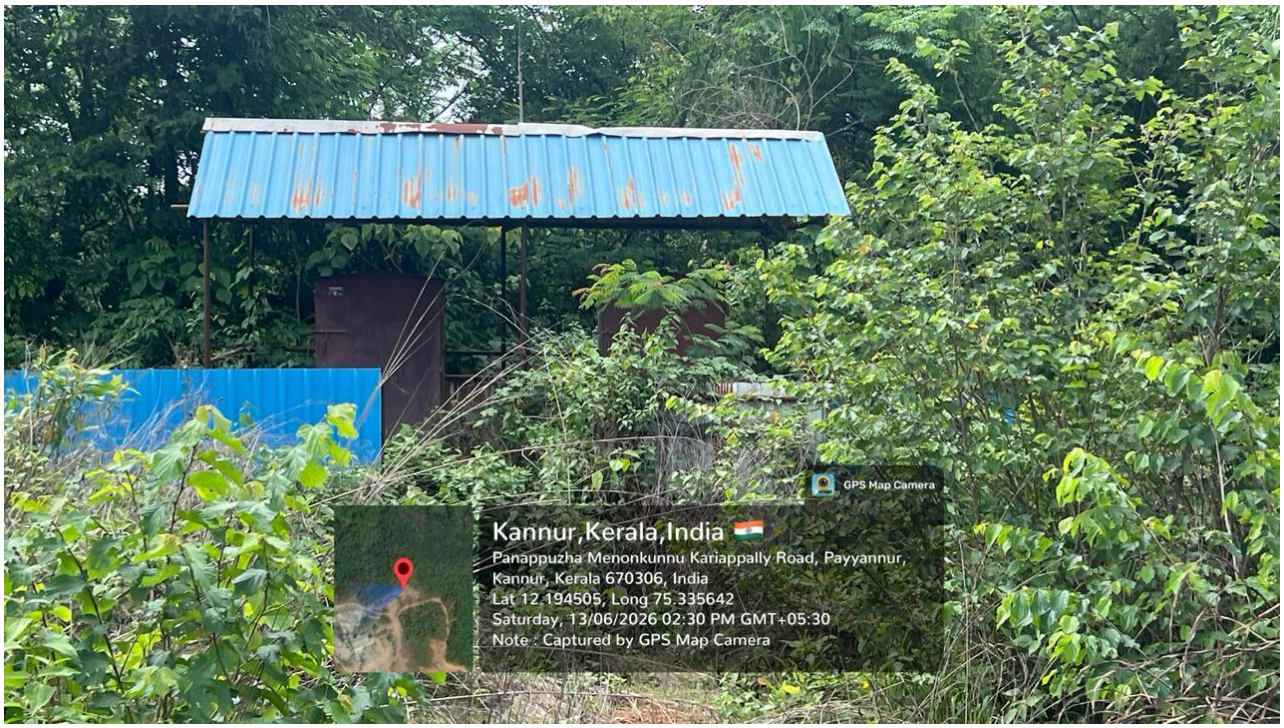
		shall also be uploaded on the website of the company	
5		The lease area shall be fenced with barbed wire to a minimum height of 4ft around, before starting mining. All the boundary indicators (boards, markings, etc) shall be conspicuous and maintained at all times	The lease area is fenced with barbed wire to a minimum height of 4ft around. All the boundary indicators (boards, markings, etc) are under progress and will be implemented on the site.

Figure 2: Photograph of fencing with barbed wire







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.	A metallic board of 3 ft x 3 ft with details of Environmental Clearance is under progress and will be fixed at site soon. Photograph of the same will be implemented in next HYCR
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	Explosives will be stored in magazines in isolated places specified. Mats to reduce fly rock blasts to a maximum of 10 PPV will also provide. Statutory license of Explosive license is under process and the same will be added in next HYCR
		 *3.Photograph of Explosive Magazine Shed*	
8		Warning alarms indicating the time of blasting (to be done at specific timings) has to be arranged stipulated by Explosive Department.	Blasting will be done in specified schedules. Warning alarms indicating the time of blasting (to be done at specific timings) will be fixed at site.
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	Access roads to the quarry will be maintained properly.Soon after the commencing of mining operation, all the trucks for transportation of minerals will be covered properly.

		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.	A separate Environmental Management Cell (EMC) will be organized soon after the commencing of mining operation. Soon after the commencing of mining operations, monthly meeting of the Environment Management Cell (EMC) will be done, and the minutes of the six months review and activities will be recorded and attached in next 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.	Soon after the commencing of mining operations, Quarrying operations will be carried out as per KMMC rules 2015 and the Amendments thereby.
12		The quarrying operation shall be restricted between 7 AM and 5PM	Soon after the commencing of mining operations, quarrying operations will 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	Soon after the commencing of mining operations, rainwater harvesting pond will be constructed throughout the operation period.
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°	Ultimate pit level of the quarry will be 85m and the depth to water table is 88m above MSL. As per EC, the depth of mine should be limited to 90m above MSL. Mining will not do beyond the UPL, and the maximum depth of the mining will not do deeper than the ground water table.
15		The height of any bench shall not exceed five meters and breadth shall not be less than the height.	Since quarrying lease is not executed, no quarrying activity has been undertaken. Benches are not formed yet. The height of the bench will not exceed five meters, and breadth will 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.	Since quarrying lease is not executed, no quarrying activity has been undertaken. No perennial or intermittent natural water course and/or water resources will be obstructed due to any mining operations. Necessary safeguard measures like silt traps are provided to protect the first order streams.
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	The nearest built structure, a crusher, is 61 m and nearest house is 202m from the proposed site. A minimum buffer distance as per existing rules and statutory orders is maintained.
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	Compensatory afforestation program will start soon after commencing mining operations. PP will plant seedlings at least 5 times 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 will be planted along the sides of the approach road and internal roads and open parking areas.
19		The proponent should ensure that the vegetation in the buffer is retained, maintained and strengthened with additions of native broad-leaved plants.	As per biodiversity report 84 trees are seen in buffer zone. These vegetation in the buffer zone (84 tress) will be maintained. And PP will strengthen 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	Eco-restoration including the closure of mine as per the progressive closure plan and final closure plan will be done at the cost of the project proponent. Overburden materials are stacked in the suitable side and used for reclamation of mined pits

		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.	
		  *Fig.Photograph of Ob Dumping*	
21		At least 10 percent out of the total excavated pit area should be retained as water storage areas and the remaining	At the time of closure, at least 10 percent out of the total excavated pit area will be retained as water storage areas and the remaining area will be

		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.	reclaimed with stacked dumping and overburden and planted with suitable indigenous plant species.
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.	To control noise and vibration the following will be implemented at site prescribed by KSPCB is already. i. NONEL technique will be used ii. Waring alarms will be provided. iii. Truck will be covered while transporting the materials. iv. Quarry activities will be done in daytime only from 7am to 5pm.
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.	Periodically monitoring of the vibration at a specified location will be conducted soon after commencing mining operations. The study report will keep for inspection and add in next compliance report.
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 will be limited to moderate speed of 25 kmph.
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	Acoustic enclosures will be provided to reduce sound amplifications. To reduce noise level greenbelt will be developed by plantation.
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	NONEL techniques will be used for controlled blasting. A licensed person will be appointed to supervise/ control the blasting operations.
27		Measures should be taken for maintaining noise levels below 85 dBA in the work environment.	The following measures will be adopted to maintain noise levels below 85 dBA, soon after commencing the mining operations. i. Fencing done all around the permit area

			ii. Buffer zone will be maintained by greenbelt area iii. Regular maintenance and servicing of machinery and equipment iv. Quarrying operation will be done only in daytime v. Regular monitoring of noise levels will be done by NABL laboratory
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	Water for quarry purposes will be drawn from tanker supply.
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	Test reports will be conducted and added in the next compliance report.
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	Catch drains and siltation ponds of appropriate size will be constructed around the mine working, after commencing mining operations. The drains will be regularly desilted and maintained properly.
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	Since quarrying lease is not executed, no quarrying activity has been undertaken. Test reports will be conducted and added in the next compliance report.
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	Garland drains and silt traps will be provided in the slopes around the core area to channelize storm water. De-silting of Garland canal and silt traps will be done on daily basis after commencing mining

		the quality of the discharging storm water as per the General Effluent Discharge Standards of CPCB	operation.
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.	Proponent is aware about the condition
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.	All the stipulations by Statutory Authorities under different Acts and Notifications 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 are complied. Monitoring tests will be conducted, and the test result will be added in next HYCR
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 45^0. 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.	Since quarrying lease is not executed, no quarrying activity has been undertaken. Topsoil and overburden dump will stack on specified place. A protective wall around the OB dump will be provided. Place designated for OB dump is attached as figure 1.

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 the mining equipment used in mining will be regularly serviced & maintained for their efficient functioning and for reducing pollution.
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.	All vehicles used for transportation and within the mines will have 'PUC' certificate from the authorized pollution checking centre. Washing of all vehicles will be done 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 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.	Regular water sprinkling will be carried out in critical areas prone to air pollution. Monitoring Test will be conducted after the commencing of mining operations, and the reports will be added in next HYCR
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.	To control dust emission water spraying will be arranged in the project area by sprinklers. To wet the haulage road, a water tanker will be driven on-site spraying water over the affected areas preventing dust from airborne
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 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 (SEIAA) along with year wise expenditure.	Environment Management Plan has already been prepared by covering the issues to address the environmental problems in the project region, indicating both physical and financial targets year wise. CER will be implemented within the first 2 Years soon after commencing mining operations
41		The project proponent is responsible for implementing all the provisions of	All the provisions of labour laws applicable from

		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	time to time to quarrying /Mining operations will be implemented. The workers on the site will be provided with on-site accommodation or facilities at a suitable boarding place, protective equipment such as earmuffs, 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.	The project is a fresh lease, and an affidavit will be provided in next HYCR.
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.	An occupational health surveillance program of the workers will undertake periodically, and the report of health surveillance programme will be included in next compliance report.
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	The project site of M/s RDS Project Pvt Ltd is situated adjacent to the lease area. Old quarry pit is already converted to water harvesting pit.
		Figure 5: Photograph of old quarry pit 	

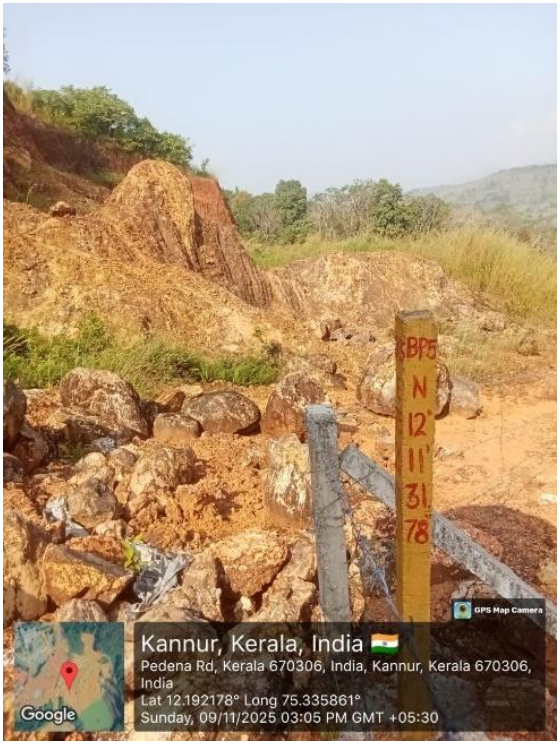
45		If Government land is partly or fully used for mining, the area shall be returned at the end of lease period after mine closure with separate demarcation with suitable survey marks.	No Government land comes under lease area. The project area is demarcated with boundary pillars.

Figure 6: Photograph of boundary pillars

















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	Proponent is aware of the condition.
47		In case of transfer of EC the matter shall	Proponent is aware of the condition.

		be intimated and approval from the Authority shall be obtained as per the existing norms.	
48		The proponent shall submit Half Yearly Compliance Reports (1stof June & I st 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 31stMarch every year.	Half Yearly Compliance Reports is submitted to both 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).
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.	Proponent will 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
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.	Proponent is aware of the condition.
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	Proponent is aware of the condition.

		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.	Proponent is aware of the condition.
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.	No pending litigation related to the land or project.
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.	Proponent is aware of the condition.
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.	Proponent is aware of the condition.
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.	Proponent is aware of the condition.
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.	Since quarrying lease is not executed, no quarrying activity has been undertaken. The height of any bench will not exceed six meters, and breadth will not be less than the height

CONCLUSION

Since quarrying lease is not executed, no quarrying activity has been undertaken. After commencing the mining operations all 20 specific and 57 general conditions will be complied at site. Proof of these will be submitted as photographs and all valid statutory licenses like Consent to Operate, Explosive License, Panchayath License will be enclosed in next HYCR.

ANNEXURES

ANNEXURE 1
Environmental Clearance

ENVIRONMENTAL CLEARANCE

PARIVESH

(Pro-Active and Responsive Facilitation by Interactive, and Virtuous Environmental Single-Window Hub)

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

To,

The General Manager

MEGHA ENGINEERING AND INFRASTRUCTURES LIMITED

Mr.Prabakar,General Manager,M/s.Megha Engineering & Infrastructure Ltd S2-Technocraft Indl.Estate Balanagar,Hydrabad,Telangana-500037 - 500037

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/269091/2022 dated 22 Apr 2022. The particulars of the environmental clearance granted to the project are as below.

1.	**EC Identification No.**	**EC23B001KL131189**
2.	**File No.**	1975/EC4/2022/SEIAA
3.	**Project Type**	New
4.	**Category**	B2
5.	**Project/Activity including Schedule No.**	1(a) Mining of minerals
6.	**Name of Project**	Proposed Granite Buiding Stone Quarry of Ms.Megha Engineering and Infrastructure Ltd
7.	**Name of Company/Organization**	MEGHA ENGINEERING AND INFRASTRUCTURES LIMITED
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: 24/03/2023

(e-signed)
Dr. Venu V 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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सत्यमेव जयते

PROCEEDINGS OF THE STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY, KERALA

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

Sub: - SEIAA – Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Prabakar, General Manager, M/s Megha Engineering & Infrastructure Ltd, S2-Technocraft Indl.Estate, Balanagar, Hyderabad, Telengana– Granted - Orders issued.

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY, KERALA

Proposal No. SIA/KL/MIN/269091/2022 File No. 1975/EC4/2022/SEIAA

Ref: 1.Application from Sri.Prabakar received on.22.04.2022.

2. Minutes of the 132nd meeting of SEAC held on 13th -15th September 2022.

3. Minutes of the 119th meeting of SEIAA held on 26th & 27th October 2022.

4. Minutes of the 122nd meeting of SEIAA held on 07th January 2023.

5. Minutes of the 138th meeting of SEAC held on 16th -17th February 2023.

6. Minutes of the 124th SEIAA meeting held on 27th & 28th February 2023.

7. G.O(Rt.) No.29/2019/Envt dt.12.04.2019.

ENVIRONMENTAL CLEARANCE NO.71/Q/2023

Sri.Prabakar, General Manager, M/s Megha Engineering & Infrastructure Ltd, S2-Technocraft Indl.Estate, Balanagar, Hydrabad, Telengana-500037 submitted an application for Environmental Clearance via PARIVESH for the Granite Building Stone Quarry Project, for an area of 2.1854 Ha at Block No.37, Re.Sy.Nos.74/772, 74/151, 74/154, 74/152, 74/1D in Kuttur Village, Payyannur Taluk, Kannur, Kerala.

The Project details are as follows:-

Sl.No.	Particulars	Details
1	Name of the project	Granite Building Stone Quarry Project of Sri.Prabakar.
2.	Name of the Sector & Schedule No.(in the EIA Notification, 2006)	Mining of Granite Building Stone Quarry B2 Category & Schedule 1(a)
3	Name & Address of the Project Proponent	Sri. Prabakar, General Manager, M/s Megha Engineering & Infrastructure Ltd, S2-Technocraft Indl.Estate, Balanagar, Hydrabad, Telengana-500037.
4	**Project Location**	
	a) Re. Survey Block No.:	37
	b) Re.Survey Nos.	74/772, 74/151, 74/154, 74/152, 74/1D
	c) Revenue Village	Kuttur
	d) Panchayt	Eramam Kuttur
	e) Taluk	Payyannur
	f) District	Kannur
5	Project Area	2.1854 Ha
6	Life of Mine (As per Mine Plan)	5 Years
7	Mineable Reserve	853876.9 MT (Average Annual Production:170775 MTA)
8	Expected Cost of the Project	3 Crores.
9	Geo Co-ordinates	Latitude 12°11'36.00"N -12°11'31.70"N Longitude 75°20'8.80"E - 75°20'5.60"E

10	Water Requirement & Source	6 KLD Rain Water pit and Bore well.
11	Date of Field Inspection	31.08.2022.

Sl.No	**Particulars**	**Calculation**	**Total Amount**	**Type of Expense**
1	Tiling of two classrooms (30 x 30 ft)	2 x 50000	1,00,000	Non-Recurring
2	Add up 4 number of computers to the computer lab and construction of new computer lab	1 x 100000 4 x 25000	2,00,000	
3	Provide shelves of dimension 6 x 6 x 1 ft for each class room for keeping students accessories	2 x 25,000	50,000	
4	Water dispenser with purifier for Govt.PHC, Kakkara.	1 x 50000	50,000	
5	Installation of 2 kw Solar unit for the GLP School	2,00,000	2,00,000	
6	Providing waste bins for waste management in association with Kuttur Grama Panchayath	1,00,000	1,00,000	
7.	Maintenance of interventions		3,00,000	
	Total		**10,00,000**	

2. In the 132nd meeting of SEAC, the Committee examined the proposal, verified the documents and discussed the Field Inspection Report. The Presentation of the project was done on 04.07.2022 and field inspection conducted on 31.08.2022. The proposed Life of mine is 5 years for extracting 853876.9MT of granite building stone. The maximum depth of mine is 85m above

MSL and the depth to water table is 88m above MSL. Therefore, the depth of mine should be limited to 90m above MSL. The nearest built structure, a crusher, is at 61 m and nearest house is at 202m from the proposed site. Based on discussions, **the Committee decided to recommend EC for a period of 5 years subject to the legal opinion on the implications of the order of Hon'ble National Green Tribunal in original Application No.75 of 2021, against the violation of EC conditions by M/s. RDS Project Limited which is located adjacent to the quarry under appraisal.** The issuance of EC, if done, should also be subject to the certain Specific Conditions in addition to the General Condition:

3. In the 119th meeting of SEIAA, the Authority noticed that there are two other quarries within 500m radius, of which M/s. RDS Project Ltd is under violation process as per the order of the H'ble NGT. It is also noted that the survey no. 74/1D is common to all these projects. As per the judgment of the H'ble National Green Tribunal in Original Application No. 75 of 2021, it is directed that the Director of Mining and Geology, State of Kerala to strictly adhere to the recommendations made by the Joint Committee regarding issuance of further license or lease for carrying out mining activity in that area, as it was observed by the Joint Committee that no further mining lease can be granted as the resources have been exhausted in that area. Under the circumstance, the Authority is of the opinion that during the appraisal of adjacent projects, the present circumstances and directions of H'ble Courts shall be taken into consideration before final recommendation. Hence Authority decided to defer the proposal for seeking clarification from Legal Officer, SEIAA on the above issues and the legal clarification was received on 06.01.2023.

4. In the 122nd meeting of SEIAA, the Authority decided to refer back the proposal to SEAC along with the legal opinion received from the Legal Officer, SEIAA to reconsider the decision in the light of the Order of the NGT in OA No.75 of 2022.

5. In the 135th meeting the Committee perused the said Joint Committee Report, Opinion of Legal Officer, examined the recommendation of 132nd SEAC and discussed the matter in detail. The Committee observed that the Joint committee report quoted in the judgment of Hon'ble NGT as "The Director of Mining and Geology, State of Kerala is directed to strictly adhere to the recommendations made by the Joint Committee regarding issuance of further license or lease for doing mining activity in that area, as it was observed by the Joint Committee that no further mining lease can be granted as the resources have been exhausted in that area" is pertaining only to the mine area owned & operated by M/s RDS. The area involved in the present proposal is an unmind area located on the northern side adjacent to the mined out quarry of M/s. RDS under the verdict of Hon NGT. No mining was noticed in the proposed area during the site visit. The Committee also examined the proposal, field inspection report and briefing from the SEAC subcommittee who conducted the field inspection and found that the boundary is not overlapping. In the circumstance, the Committee decided to recommend EC to the project with the certain Specific Conditions in addition to General Conditions.

6. In the 124th meeting of SEIAA, **the Authority decided to issue Environmental Clearance for the project life of 5 (five) years, for the quantity mentioned in the approved Mining Plan, subject to the following Specific Conditions in addition to the General Conditions.**

1. *The Project Proponent shall carry out quarrying as per the approved Mining Plan and 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 lease order should be provided to the SEIAA before commencing the mining activity.*
3. *All the observations/directions made by NGT in the case of nearby quarry(RDS Project) shall be scrupulously followed.*

4. *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.*
5. *Garland drain, silt-traps, siltation ponds and outflow channel should be desilted periodically and geo-tagged photographs of the process should be included in the compliance report.*
6. *Green belt development in the buffer zone should be done in the first year of the project itself and it should be nurtured and maintained in subsequent years.*
7. *Compensatory afforestation should be done with indigenous species and the geo-coordinates of the afforested place with photographs should be provided along with HYCR.*
8. *Gabion wall of appropriate height should be provided at the overburden dumping site.*
9. *CER Plan should be implemented within the first 2 Years and it should be operated and maintained till the mine closure plan is implemented.*
10. *Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).*
11. *The impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.*
12. *The haulage road should be strengthened and maintained dust-free and with avenue trees of indigenous species.*
13. *Adequate sanitation, waste management and rest room facilities should be provided to the workers.*
14. *Adequate energy conservation measures proposed should be implemented including solar power installations for street light and office.*
15. *The Environment Management Cell (EMC) should include an Environmental expert and the proceedings of the monthly meeting of the Environment Management Cell (EMC) should be submitted along with the HYCR.*
16. *Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks*

and suppress dust.

17. *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.*
18. *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.*
19. *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.*
20. *The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

7. Environmental Clearance as per the EIA Notification, 2006 is hereby accorded for the Granite Building Stone Quarry Project of Sri. Prabakar, General Manager, M/s Megha Engineering & Infrastructure Ltd, S2-Technocraft Indl.Estate, Balanagar, Hydrabad, Telengana-500037, for an area of 2.1854 Ha at Re.Sy.Block No.37, Re.Sy.Nos.74/772, 74/151, 74/154, 74/152, 74/1D in Kuttur Village, Payyannur Taluk, Kannur, for the quantity mentioned in the approved Mining Plan, for a period of 5 (Five) years, subject to

General Conditions and the Specific Conditions in Para 7th 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 be deemed to be a part of this Proceeding 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.

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

9. Validity of the Environmental Clearance will be initially for the period of **Five (5) years** from the date of execution of valid mine lease/Permit from Mining & Geology Department as per S.O 1807(E) dated 12.04.2022 of MoEF & CC, subject to earlier review of EC in case of violation or non-compliance of conditions or genuine complaints from residents within the security area of the quarry.

10. Compliance with the conditions herein will be monitored by the State Environment Impact Assessment Authority or its authorised offices and also by the Regional Office of the Ministry of Environment, 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 Ccollector, Kannur.

11. 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 the website of the Project Proponent. Hardcopy of HYCRs shall not be acceptable.

12. The given address for correspondence with the authorised signatory of the project is Sri. Prabakar, General Manager, M/s Megha Engineering & Infrastructure Ltd, S2-Technocraft Indl.Estate, Balanagar, Hydrabad, Telengana-500037.

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 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.
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 $45^{0.}$ 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 PM_{10} 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 SEIAA/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 (SEIAA) 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 (1stof June & 1stof 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 on 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.

Sd/-
Administrator, SEIAA
For, Member Secretary, SEIAA

To,

Sri. Prabakar, General Manager,
M/s Megha Engineering & Infrastructure Ltd,
S2-Technocraft Indl.Estate, Balanagar, Hydrabad, Telengana-500037.

Copy to:

1. MoEF Regional Office, Southern Zone, Kendriya Sadan, 4th Floor, E&F Wing, II Block, Koramangala, Bangalore-560034.(through e-mail: rosz.bng-mefcc@gov.in)
2. The Additional Chief Secretary to Government, Environment Department, Government of Kerala.
3. The Director, Directorate of Environment & Climate Change, 4th Floor KSRTC Bus Terminal, Thampanoor, Thiruvananthapuram, Kerala 695001.
4. The District Collector, Kannur.
5. The Director, Mining & Geology, Thiruvananthapuram -4.
6. The Member Secretary, Kerala State Pollution Control Board.
7. The District Geologist, Kannur.
8. The Tahsildhar, Payyannur Taluk, Kannur District.
9. The Village Officer, Kuttur Village, Kannur District.
10. The Secretary, Eramam Kuttur, Grama Panchayath, Payyannur Taluk, Kannur.
11. The Chairman, SEIAA
12. Stock File
13. Website
14. O/C

Signature Not Verified
Digitally signed by Dr. Venu V IAS
Member Secretary
Date: 3/24/2023 10:22:50 AM

ANNEXURE 2
Consent to Operate

FILE NO : KSPCB/KN/ICO/10002636/2022
Date of issue : 01-07-2022

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. : 10002636
Dated : 04-05-2022

To

Megha Engineering And Infrastructures Ltd.
Kuttoor Villeage Olayambadi P.o Near Mathamangalam Payyannur Taluk

Consent No. : KSPCB/KN/ICO/10002636/2022
Valid Upto : 30-04-2025

1. GENERAL

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

1	**VALIDITY**	30-04-2025
2	Name and Address of the establishment	Megha Engineering And Infrastructures Ltd. Kuttoor Villeage Olayambadi P.o Near Mathamangalam Payyannur Taluk
3	Occupier Details	PRABAKAR, K MEGHA ENGINEERING AND INFRASTRUCTURE LTD,OP MGM COLLEGE,CHERUTHAZHAM VILLEGE,PAYYANNUR,NEAR PILATHARA
4	Local Body	Kuttur Panchayath
5	Survey Number	74/772, 74/151, 74/154, 74/152, 74/1D
6	Village	Kuttoor
7	Taluk	Payyanur
8	District	KANNUR
9	Capital Investment(Rs in Lakhs)	233.0
10	Scale	Small
11	Category	RED
12	Annual fee(Rs) Total Fee remitted(Rs)	30000.0 150002.0
13	Activity	Temporary quarry for highway widening quarrying area 2.1854 hecters
14	Machinery details	

SPECIFIC CONDITIONS

2. CONDITIONS AS PER
The Water (Prevention and Control of Pollution) Act, 1974

2.1.Sewage/Effluent Treatment Plant consisting of treatment units having adequate capacity shall be made functional as per the proposal submitted along with the application, before the commissioning of the establishment. 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 alongwith.
Water Consumption :
Effluent Generation :
The characteristics of effluent after treatment shall confirm to the following tolerance limits:

SI.NO.	Characteristics	Unit	Tolerance Limit	
			Sewage	Trade Effluent

Mode of disposal of treated effluent :
3.CONDITIONS AS PER The Air (Prevention and Control of Pollution) Act, 1981

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

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

3.2. Emission characteristics shall not exceed the following:

SI.No.	Parameter	Limiting Standards (mg/Nm3)

4.CONDITIONS AS PER The Environment (Protection) Act, 1986
4.1.The construction activities as well as the operation of the industry / DG set shall be carried out strictly in compliance with the provisions of the Noise Pollution (Regulation and Control) Rules 2000.
4.2.Used lead acid batteries, if any shall be disposed of in compliance with the provisions of the Batteries (Management and Handling) Rules, 2001
4.3.E-waste shall be disposed of in compliance with the E-Waste (Management) Rules, 2016.

4.4.The solid waste generated shall be treated and disposed of in compliance with the provisions of the Solid Waste (Management) Rules, 2016.

4.5.The plastic waste generated shall be disposed of in compliance with the provisions of the Plastic Waste (Management) Rules, 2016.

4.6.The hazardous waste generated in the unit shall be disposed of in compliance with the provisions of the Hazardous and other Wastes (Management and Trans boundary Movement) Rules, 2016

4.6.1. Activities for which Authorisation is granted

Collection		Transport	
Reception		Storage	
Treatment		Reprocessing/Disposal	

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

SI.No.	Hazardous Waste	Schedule Category	Quantity Tonne/year
Mode of			
Storage		Disposal	

SPECIFIC CONDITIONS

5.1. This consent is granted subject to the power of the Board to review and make
variation in or revoke any of the conditions as the Board deems fit as per the relevant Acts/Rules.

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

5.3. For renewal of the consent in case of continuance of discharge/operation of the industry, application in the prescribed form shall be submitted through the web portal of the Board keralapcbonline.com 2 months prior to the date of expiry. Late application will be accepted only with fine.

5.4. No change or alteration of the industrial plant is to be made without the prior
written permission of the Board. Any change in the particulars furnished and/or in the identity of the occupier/authorised agent is to be intimated to the Board forthwith.

5.5. This consent is granted on the basis of the affidavit furnished by the applicant. If the statement furnished in the affidavit find false, the consent issued will be revoked and prosecution will be launched against the unit.

5.6 The location of the quarry shall be as per the approved drawing attached

5.7 Boundary shall be fenced before operation of quarrying activities.

5.8. The concentration of PM10 at the boundary shall not exceed 100 microgram/m3.

5.9. After extraction at the site is completed, the land may be used for rain water harvesting with protective barriers/any other suitable approved purpose or may be reclaimed.

5.10. The applicant shall comply with the instructions that the Board may issue from time to time regarding the prevention and control of Air, Water, Land and Sound Pollution.

5.11. No change or alteration of the quarrying area is to be made without the prior written permission of the Board. Any change in the particulars furnished and/or in the identity of the occupier/ authorized agent is to be intimated to the Board forthwith.

5.12. The ambient air quality measured at 1 m outside the boundary of the premises shall not exceed the ambient air quality applicable to the adjoining area.

5.13. The sound level measured at 1 m outside the boundary of the premises shall not exceed the ambient sound level applicable to the adjoining area.

5.14. Suitable species of trees and curtain plants shall be planted and maintained within and along the periphery of the premises, forming a green belt to improve the environment.

5.15. The consentee shall put up a sign board of size 6x4 ft. near the main entrance of the plant to display the name of the unit and important consent conditions.

5.16.Bench cutting method shall be adopted for quarrying.

5.17.Blasting shall be done with prior signals in specified time. No. of blasting shall not exceed 10nos.at a time.

5.18.Blasting and quarrying shall be done without causing any nuisance or damage to occupants of adjoining or neighbouring land

or building or posing damage to health,life or property.

5.19.Mining below normal water table by continuous pumping shall be avoided in summer period (March,April,May)to prevent drinking water shortage in that area.

5.20.Valid Environmental clearance shall be submitted to this office to ensure validity of this consent issued for the temporary quarry .

SIGNATURE OF ISSUING AUTHORITY

ENVIRONMENTAL ENGINEER

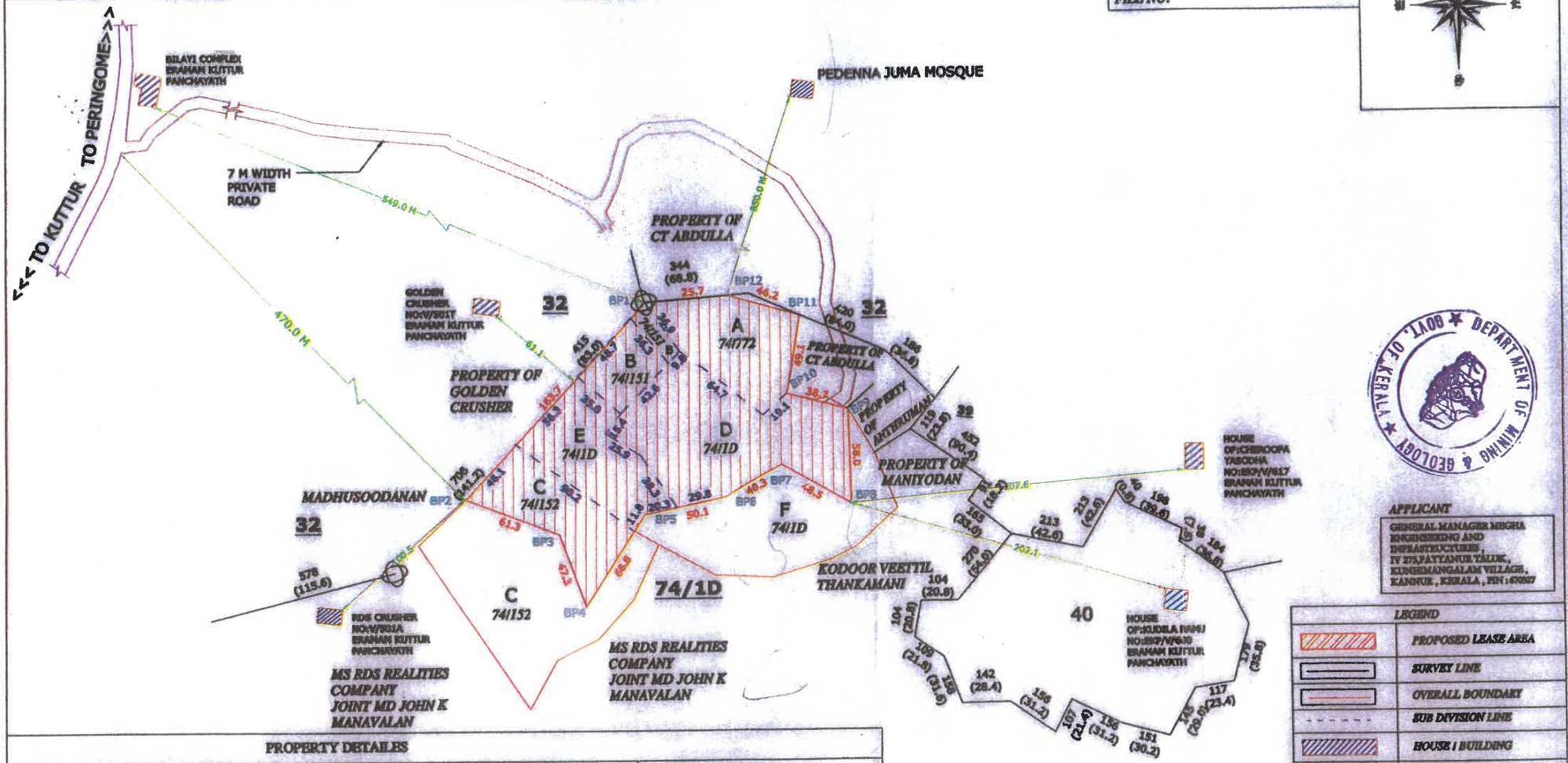
No. 144/2021

DISTRICT :KANNUR
TALUK :PAYYANNUR
VILLAGE :KUTTUR
DESOM :KUTTUR

SURVEY MAP

BLOCK NO : 37
RS NO : 741772, 741151, 741154, 741152, 741D

FILE NO:



PROPERTY DETAILES

PLOT	DOCUMENT NO	BLOCK NO	RS NO	THUNDAPPER NO	AREA OF LAND IN POSSESSION	AREA OF LAND PROPOSED	NAME OF OWNER
A	2678/10	37	741772	6631	0.4047	0.4047	HAMSA,PANAMARIYIL(KEEZHOTTAYIL), PERUVAMBA,OLAYAMBADI (PO),670306
B	98/17	37	741151	717	0.0405	0.0405	MADHU MANDHIRAATHIL,MADHUSOODANAN, S/O KARUNAKARAN,MADHUMANDHIRAATHIL, PERUVAMBA,OLAYAMBADI PO, PIN 670306
			741154	717	0.1618	0.1618	
C	1111/13	37	741152	717	1.2141	0.3643	
D	622/15	37	741D	188/4445	0.8094	0.8094	CHUKKAN MUHAMMADALI, S/O MOIDHEEN KUTTY HAJI,CHUKKAN HOUSE, OLAYAMBADI,OLAYAMBADI PO,PIN 670306
E	563/15	37	741D	188/4445	0.4047	0.4047	
F	1291/2014	37	741D	188/4445	0.7082	NIL	
				TOTAL	3.7434 HA	2.1854 HA	

THIS PLAN IS ISSUED TO SUBMIT BEFORE MINING & GEOLOGY DEPARTMENT & STATE ENVIRONMENTAL IMPACT ASSESSMENT AUTHORITY

TAHSILDAR PAYYANNUR

VILLAGE OFFICER

APPLICANT
GENERAL MANAGER MEGHA ENGINEERING AND INFRASTUCTURE LTD, IV 270,PAYYANUR TALUK, KUNHIMANGALAM VILLAGE, KANNUR, KERALA, PIN:670327

LEGEND
- PROPOSED LEASE AREA
- SURVEY LINE
- OVERALL BOUNDARY
- SUB DIVISION LINE
- HOUSE / BUILDING
- PRIVATE ROAD
- PWD/PANCHAYATH ROAD
- ROCK MARK/SURVEY STONE

PROPOSED PERMIT AREA = 2.1854 Ha

SCALE 1 CM = 25 M

GOVT. OF KERALA * DEPARTMENT OF MINING & GEOLOGY *