

**Proceedings of the District Environment Impact Assessment Authority (DEIAA),
Thiruvananthapuram**

**(Present: Dr. K. Vasuki, IAS, Chairman, DEIAA & District Collector,
Thiruvananthapuram; K. Inbasekar, IAS, Member Secretary, DEIAA & Sub
Collector, Thiruvananthapuram ; D. Ratheesh, IFS, Member, DEIAA & DFO)**

Environmental Clearance No: 38/18

Building Stone Quarry

No. K1/11755/18

Proposal No: DIA/KL/MIN/15891/2018

Thiruvananthapuram

Dated: 23.11.2018

Sub: DEIAA, Thiruvananthapuram - 11th meeting held on 22 October 2018 - Environmental Clearance for Granite Building Stone Quarry - Orders Issued.

Ref: 1. Minutes of the 11th meeting of DEIAA held on 22.10.2018 at District Collector's Chamber, Civil Station, Kudappanakkunnu, Thiruvananthapuram.

2. Minutes of 11th meeting of DEAC held on 13.07.2018.

3. Application filed by Sri. V. Somasekharan Nair, Naduthala Veedu, Manikanteswaram (PO), Thiruvananthapuram.

Sri. V. Somasekharan Nair, Naduthala Veedu, Manikanteswaram (PO), Thiruvananthapuram - filed an application for Environmental Clearance for mining of Granite Building Stone Quarry from the Re-survey Nos: 214/11 pt, 214/11-3 pt, 214/7 pt, 214/19 pt, 212/12 pt, 212/2-2, 212/3-1, 212/3-1-1, 212/3-2, 212/6 pt, 212/13 pt, 212/10 pt, 212/10-1 pt, 212/7 pt, 212/16, 212/9 pt, 212/1, 212/1-1, 211/12 pt, 211/13, 211/17, 211/11 pt, 211/16 pt, 211/4 pt, 210/27, 210/26 pt, 232/10 pt, 232/3, 232/2, 213/9, 213/9-1 pt, 213/12 pt in Aruvikkara Village, Nedumangad Taluk. Total area of land is 4.5116 Ha and the capacity of the mining is 268000 TPA.

THE DETAILS AS MENTIONED IN FORM IM OF THE APPLICATION.

Basic Information				
1.	Proposal No.	DIA/KL/MIN/15891/2018		
2.	Name of the Mining Lease site	Granite Building Stone Quarry of Mr. V. Somasekharan Nair		
3.	Location / Site (GPS Co-ordinate)	Latitude: 8°33'45.43"N Longitude: 77° 1'1.64"E		
4.	Pillars	Pillar No.	Latitude	Longitude
		P1	08 0 33' 39.42"N	77 0 01' 02.76"E
		P2	08 0 33' 41.95"N	77 0 01' 00.02"E

		P3	08° 33' 43.29"N	77° 01' 00.75"E
		P4	08° 33' 43.55"N	77° 00' 59.53"E
		P5	08° 33' 45.13"N	77° 00' 59.82"E
		P6	08° 33' 45.40"N	77° 00' 57.73"E
		P7	08° 33' 50.11"N	77° 00' 59.21"E
		P8	08° 33' 48.36"N	77° 01' 04.78"E
		P9	08° 33' 48.12"N	77° 01' 04.86"E
		P10	08° 33' 47.78"N	77° 01' 05.79"E
		P11	08° 33' 46.96"N	77° 01' 05.65"E
		P12	08° 33' 46.93"N	77° 01' 06.34"E
		P13	08° 33' 46.73"N	77° 01' 07.14"E
		P14	08° 33' 46.28"N	77° 01' 06.98"E
		P15	08° 33' 46.03"N	77° 01' 07.56"E
		P16	08° 33' 44.55"N	77° 01' 07.19"E
		P17	08° 33' 45.09"N	77° 01' 05.13"E
		P18	08° 33' 45.20"N	77° 01' 02.34"E
		P19	08° 33' 43.69"N	77° 01' 01.94"E
		P20	08° 33' 43.43"N	77° 01' 02.01"E
		P21	08° 33' 43.48"N 7	77° 01' 02.56"E
		P22	08° 33' 43.10"N	77° 01' 03.53"E
		P23	08° 33' 42.36"N	77° 01' 04.36"E
		P24	08° 33' 41.52"N	77° 01' 03.70"E
		P25	08° 33' 40.60"N	77° 01' 04.25"E
5.	Size of Mining Lease	4.5116 Ha		
6.	Capacity of the Mining Lease (TPA)	268000		
7.	Period of Mining Lease	10		
8.	Expected cost of the Project	90		
9.	Have you hired Consultant / Registered Qualified Person (RQP) for preparing document? Accreditation No. Name of Consultant / RQP Address Mobile No. Landline No. Email Id	Yes RQP/4/2016 V K ROY TC 27/487(2), Saral, Swaraj Lane, RC Junction, Kunnukuzhy, Trivandrum, Kerala. 9387805668 2304516 vkroysaral@gmail.com		
Environmental Sensitivity				
S.No	Areas	Distance in kilometer / details		
1.	(i). Nearest rail or road bridge over the concerned river, rivulet, nallah etc. in kms.	0.1 km		
2.	(ii). Nearest Infrastructural along with distance in kms	8 km		
	(iii). Nearest Railway Line along	17 km		

	with distance in kms		
	(iv). Nearest National Highway along with distance in kms	20 km	
	(v). Nearest State Highway along with distance in kms	14 km	
	(vi). Nearest Major District Road along with distance in kms	5 km	
	(vii). Nearest Any Other Road along with distance in kms	0.5 km	
	(viii). Nearest Electric transmission line pole or tower distance in kms	0.2 km	
	(ix). Nearest Canal or check dam or reservoirs or lake or ponds distance in kms	1.5 km	
	(x). Nearest In-take for drinking water pump house distance in kms	0 km	
	(xi). Nearest In-take for Irrigation canal pumps distance in kms	0 km	
3.	Areas protected under international conventions, national or local legislation for their ecological, landscape, cultural or other related value	Neyyar Wild Life Sanctuary, 28 km	
4.	Areas which are important or sensitive for ecological reasons - Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests	Neyyar Wild Life Sanctuary, 28 km	
5.	Areas used by protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, over wintering, migration	Peppara Wild Life Sanctuary, 28 km	
6.	Inland, coastal, marine or underground waters	Aruvikkara Dam – 1.5 Km	
7.	State, National boundaries	Kaliyakkavila – 40km	
8.	Routes or facilities used by the public for access to recreation or other tourist, pilgrim areas	Aruvikkara – Vellanad – Neyyar Dam	
9.	Defence installations	Pangode Military Camp– 15 Km	
10.	Densely populated or built-up area, distance from nearest human habitation	Aruvikkara - 1.5km, Mukkola - 6km, Azhikkode - 6km, Nedumangad - 8km	
11.	Areas occupied by sensitive man-made land uses (hospitals, schools, places of worship, community facilities)	Hospitals	
		Aruvikkara PHC	1.5km
		Schools and Colleges	
	Aruvikkara Govt High School	1.5km	

		Mylom Govt School	2km
		Tourist and Pilgrim Areas	
		Tourist & Pilgrim areas: Aruvikkara Dam	1.5km
		Temple – Mylam siva Temple	0.5km
		Mosque- Aruvikkara Mosque	2km
		Church – CSI church	0.8km
12.	Areas containing important, high quality or scarce resources.(ground water resources, surface resources, forestry, agriculture, fisheries, tourism, minerals)	Aruvikkara Dam – 1.5 Km	
13.	Areas already subjected to pollution or environmental damage.(those where existing legal environmental standards are exceeded)	None within 5km radius	
14.	Areas susceptible to natural hazard which could cause the project to present environmental problems (earthquakes, subsidence, landslides, erosion, flooding or extreme or adverse climatic conditions)	No, This area is generally not prone to any natural disasters	
15.	Is proposed mining site located over or near fissure/fracture for ground water recharge?	No	
16.	Whether the proposal involves approval or clearance under the following Regulations or Acts namely?		
	(a). The Forest (Conservation) Act,1980?	No	
	(b). The Wildlife (Protection) Act,1972?	No	
	(c). The Coastal Regulation Zone (C.R.Z) notification,2011?	No	
17.	Is forest land involved (ha)?	No	
18.	Whether there is any litigation pending against the project and/or land in which the project is proposed to be set up?	No	



TECHNICAL SCRUTINY AND ENVIRONMENTAL IMPACT ASSESSMENT BY DEAC

The proponent along with RQP was present in the 11th DEAC meeting and made the presentation of salient features of the proposed quarry. At the time of presentation the members suggested that -

- Project cost should be increased.
- CSR amount should be raised, i.e. for recurring 10 lakhs/year and for non-recurring 2 lakhs/year.
- Ground water recharging facilities should be implemented in the nearby areas.
- CSR fund for nearby school and primary health centers should be implemented for a special purpose according to their needs.
- Nearest road and houses should be protected.

The committee appraised the proposal and a field visit was conducted. The DEAC committee visited the project site of Sri. V. Somasekharan Nair, Naduthala Veedu, Manikanteswaram (PO), Thiruvananthapuram - and submitted the report to DEAC.

Field Inspection Details as reported by DEAC.

The members decided to conduct a field inspection for the proposed quarry. As per the decision the field inspection was carried out on 26th of July, 2018. At the time of field inspection there were no other issues noted.

After examining the project, members decided that Proposal No. **DIA/KL/MIN/15891/2018** is **ELIGIBLE** for getting **Environmental Clearance** certificate for their proposed site for the quarry.

Considering the slope of the terrain and existence of residential buildings down the slope, though at permissible distance, **DEAC unanimously decided to recommend the project proposed to DEIAA for the grant of Environmental Clearance for the quarrying project for Granite Building Stone quarry of Sri. V. Somasekharan Nair, Naduthala Veedu, Manikanteswaram (PO), Thiruvananthapuram - for a period of 5 years from the date of grant of Quarrying lease from the Department of Mining and Geology with the following conditions.**

The project proponent should give an undertaking in stamp paper worth 200/- vouching to the DEIAA that

1. **The area shall be fenced off with barbed wires to a minimum height of 4 feet around / biofencing by bamboo or other vegetations, before starting of mining. All the boundary indicators (boards, stores, markings etc) shall be protected at all times and shall be conspicuous.**
2. Rainwater harvesting technique shall be adopted to reduce groundwater consumption in the area and the surplus water of rainwater harvesting should be connected to a nearby stream.
3. Evergreen type of plants like *nelli*, *kattadi*, *tamarind*, *bamboo* etc should be grown for a width of 10 meter to control dust and sound emission from the quarry.
4. Suitable avenue trees should be planted along either side of the tarred road and open parking areas, if any, including of approach roads and internal roads.



5. Corporate Social Responsibility (CSR) agreed upon by the proponent should be implemented.
6. CSR shall be spent at a rate of Rs. 10 for production of every ton of granite building stone in the quarry for the concerned local body, such as government institutions.
7. The amount earmarked yearly for the Corporate Social Responsibility (CSR) activities will be spent for the Eco restoration and welfare of the people living near the project area and quarterly accounts should be produced before DEAC for scrutiny.
8. The funds earmarked for environmental protection measures and CSR activities should be kept in separate account and should not be diverted into other purposes.
9. A green belt shall be developed along the boundary of the lease area.
10. Eco restoration including the mine closure plan will be done at the own cost of the project proponent.
11. The mining operations shall be restricted to above groundwater table and it should not intersect the groundwater table at any cost.
12. Measures should be taken by the proponent to prevent dust emission by covering the excavated mineral during transportation.
13. Approach roads should be maintained properly and it should be paved with laterite/granite rubbles in order to increase infiltration of rainwater to the ground.
14. Sprinklers shall be installed and used in the project site to contain dust emissions.
15. Garland drain must be provided to control water pollution during rainy seasons.
16. Scientific method of mining shall be adopted and present vertical face of the quarry must be brought in to benches as per the mining plan.
17. Where the height of the bench formed during earlier workings exceeds the maximum reach of the excavator engaged for work, such bench height shall be reduced from top to bottom.
18. Loose or hanging rock or mineral boulder on the side wall shall be dressed down before engaging persons for work at the bottom of the bench.
19. **Proper bench should be maintained as per the mining plan is compulsory.**
20. **The Project Proponent should carry out year wise production as per the approved mining plan only**
21. Storage of explosives should be strictly done in accordance with relevant rules.
22. Blasting should be done in a controlled manner as specified by the regulations of Explosives Department and accordingly as per mining plan.
23. A licensed person should supervise or control the blasting operations.
24. The project proponent will carry out excavation activity, without disturbing the natural drainage pattern of the area.
25. The drains should be regularly de silted and maintained properly. Check dams and gully checks shall be constructed where required to arrest siltation. De siltation shall also be done every year before the onset of monsoon.
26. A separate small plot to be maintained in the premise to preserve rare and endemic species if any listed in the biodiversity assessment.



27. In order to monitor the flow and level of groundwater, minimum of three piezometers is needed to be installed in each mine, in the locations specified by groundwater department.
28. Access roads to the quarry shall be tarred to contain dust emissions that may arise during the transportation of materials.
29. The burrowed / excavated pit shall be restored by the project proponent for useful purpose(s), as specified in the presentation.
30. Workers / labourers shall be provided with facilities for drinking, canteen, sanitation, place to rest etc. in the project site.
31. The workers on the site should be provided with required protective equipment such as ear muffs, helmets etc.
32. Occupational health surveillance programme of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
33. The soil and overburden shall be properly managed to prevent any kind of erosion.
34. The proponent should plant trees at least 5 times of the loss that has been occurred while clearing the land for the project.
35. **This order is valid only for 5 years or the expiry date of mining lease period issued by the Government of Kerala, whichever is earlier.**
36. Health and welfare measures for the persons employed shall be implemented.
37. The proponent should submit cluster certificate before commencing quarrying activities.
38. Use 35-40 KLD water to suppress dust that emits from the quarry.
39. DEAC has the right to inspect the site at any time.

DEIAA DECISIONS

As per DEAC recommendation, DEIAA considered the project proposal. The applicant remitted Rs. 1,00,000 (Rupees One Lakh Only) as processing fee vides Chalan No. KL002855087201819M dated 18.06.2018 at Sub Treasury, Kudappanakkunnu.

So, the proposal was considered in the 11th DEIAA meeting held on 22.10.2018 at District Collector's Chamber, Civil Station, Kudappanakkunnu, Thiruvananthapuram. The proposal was discussed in detail.

Considering all the aspects, the DEIAA committee decided to grant Environmental Clearance to the quarry project of Sri. V. Somasekharan Nair, Naduthala Veedu, Manikanteswaram (PO), Thiruvananthapuram - for a period of **5 years** from the date of grant of **quarrying lease** from the Department of Mining and Geology subject to the general as well as specific conditions.



GENERAL CONDITIONS

1. Rain Water Harvesting facility should be installed as per the prevailing provisions of KMBR/KPBR, unless otherwise specified.
2. Environment Monitoring Cell as agreed under the affidavit filed by the proponent should be formed and made functional.
3. Suitable avenue trees should be planted along either side of the tarred road and open parking areas, if any, including of approach road and internal roads.
4. Maximum possible solar energy generation and utilization shall be ensured as an essential part of the project.
5. Sprinklers shall be installed and used in the project site to contain dust emissions.
6. Eco-restoration including the mine closure plan shall be done at the own cost of the project proponent.
7. At least 10 percent out of the total excavated pit area should be retained as water storage areas and the remaining area should be reclaimed with stacked dumping and overburden and planted with indigenous plant species that are eco-friendly, if no other specific condition on reclamation of pit is stipulated in the E.C.
8. Corporate Social Responsibility (CSR) agreed upon by the proponent should be implemented.
9. The lease area shall be fenced off with barbed wires to a minimum height of 4 ft around. before starting of mining. All the boundary indicators (boards, stores, markings etc) shall be protected at all times and shall be conspicuous.
10. Warning alarms including the time of blasting (to be done at specific timings) has to be arranged as per stipulations of Explosive Department.
11. Control measures on noise and vibration prescribed by KSPCB should be implemented.
12. Quarrying activities should be limited to day time as per KSPCB should be implemented.
13. Blasting should be done in a controlled manner as specified by the regulations of Explosives Department or any other concerned agency.
14. A licensed person should supervise/control the blasting operations.
15. Access roads to the quarry shall be tarred to contain dust emissions that may arise during transportation of materials.
16. Overburden materials should be managed within the site and used for reclamation of mine pit as per mine closure plan/specific conditions.
17. Height of benches should not exceed 5 m and width should not be less than 5 m, if there is no mention is in the mining plan/specific condition.
18. Mats to reduce fly rock blast to a maximum of 10 PPV should be provided.
19. Maximum depth of mining from general ground level at site shall not exceed 10 m.
20. No mining operations should be carried out at places having a slope greater than 45°.

21. Acoustic enclosures should have been provided to reduce sound amplifications in addition to the provisions of green belt and hollow brick envelop for crushers so that the noise level is kept within prescribed standards given by CPCB/KSPCB.
22. The workers on the site should be provided with the required protective equipment such as ear muffs, helmet, etc.
23. Garland drains with clarifiers to be provided in the lower slopes around the core area to channelize storm water.
24. The transportation of minerals should be done in covered trucks to contain dust emissions.
25. The proponent should plant trees at least 5 times of the loss that has been occurred while clearing the land for the project.
26. Disposal of spent oil from diesel engines should be as specified under relevant rules/regulations.
27. Explosives should be stores in magazines in isolated place specified and approved by the Explosives Department.
28. A minimum buffer distance of 50 m from the boundary of the quarry to the nearest dwelling unit or other structures not being any facility for mining shall be provided.
29. 50 m buffer distance should be maintained from forest boundaries.
30. Consent from Kerala State Pollution Control Board under Water and Air Act(s) should obtained before initiating mining activity.
31. All other statutory clearances should be obtained, as applicable, by project proponents from the respective competent authorities including that for blasting and storage of Explosives.
32. In the case of any changes in the scope of the project, extent quality, process of mining technology involved or in any way affecting the environmental parameters/impacts as assessed. Based on which only the EC is issued, the project would require a fresh appraisal by this authority, for which the proponent shall apply and get the approval of this authority.
33. The authority reserves the right to add the additional safe guard 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.
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, environment (Protection) Act 1986, the Public Liability (Insurance) Act 1991 and EIA notification, 2006.
35. The project proponent should advertise in at least two local newspapers widely circulated in the region, one of which (both the advertisement and newspaper) shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the District Environment Impact Assessment Authority (DEIAA) office and may also be seen on the website of the Authority at www.environmentalclearance.nic.in The advertisement should be made within 10 days from the date of receipt of the Clearance letter and



a copy of the same signed in all pages should be forwarded to the office of this Authority as confirmation.

36. A copy of the clearance letter shall be sent by the proponent to the concerned Grama Panchayath/District Panchayath/Municipality /Corporation/Urban Local Body also to the NGO, if any from whom suggestions/ representations, if any, were received while processing the proposal. The Environmental Clearance shall also be put on the website of the company by the proponent.
37. The proponent shall submit half yearly reports/complaints of the stipulated EC conditions including results of monitored data (both in hard copies as well as by email) 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. Each shall simultaneously be sent to the respective Regional Office of MoEF, Govt. of India and also to the District Environment Impact Assessment Authority (DEIAA) office.
38. The details of Environment Clearance should be prominently displayed in a metallic board of 3ft x 3ft 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.
39. 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.
40. No change in mining technology and scope of working should be made without prior approval of the DEIAA. No further expansion or modifications in the mine shall be carried out without prior approval of the DEIAA, as applicable.
41. 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.
42. Monitoring of Ambient Air Quality to be carried out based on the Notification 2009, as amended from time to time by the Central Pollution Control Board. Water sprinkling should be increased at places loading and unloading points & transfer point to reduce fugitive emissions.
43. The top soil, if any, shall temporarily be stored at earmarked site(s) only for the topsoil shall be used for land reclamation and plantation. The over burden (OB) generated during the mining operations shall be stacked at earmarked dump site(s) only. The maximum height of the dumps shall not exceed 8 meter and width 20 meter and overall slope of the dumps shall be maintained to 45°. The OB dumps should be scientifically vegetated with suitable native species to prevent erosion and surface run off. In critical areas, use of geo textiles shall be undertaken for stabilization of the dump. The entire excavated area shall be backfilled. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self sustaining.
44. Catch drains and siltation ponds of appropriate size shall be constructed around the mine working mineral and OB dumps to prevent run off of water and flow of sediments directly into the river and other water bodies. The water so collected should be utilized for watering the mine

area, roads, green belt development etc. The drains shall be regularly desalted particularly after monsoon and maintained properly.

45. Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of PM10 and PM2.5 such as haul road, loading and unloading points and transfer points — it shall be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
46. Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.
47. Measures should be taken for control of noise levels below 85 dBA in the work environment
48. A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization
49. The funds earmarked for environmental protection measures and CSR activities should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the District Environment Impact Assessment Authority (DEIAA) Office.
50. The Regional Office of MOEF & CC located at Bangalore shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data/information/monitoring reports.
51. Any appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred with a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
52. 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.
53. The DEIAA may revoke or suspend the order, for non implementation of any of the specific or this implementation of any of the above conditions is not satisfactory. The DEIAA reserves the right to alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
54. 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.
55. **This order is valid for a period of 5 years or the expiry of quarrying lease period issued by the Government of Kerala, whichever is earlier.**
56. 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.
57. The mining operation shall be restricted to above ground water table and it should not interest ground water table.



58. All vehicles used for transportation and within the mines shall have 'PUC' certificate from authorized pollution taking centre. Washing of all vehicles shall be inside the lease area.
59. Project proponent should obtain necessary prior permission of the competent authorities for drawal of requisite quantity of surface water and ground water for the project.
60. 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 DEIAA.
61. Occupational health surveillance programme of the workers should be under taken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
62. Commitment of CSR should be fulfilled.

Compliance of the conditions will be monitored by the relevant authorities as listed below.

1. Kerala State Pollution Control Board, Thiruvananthapuram.
2. District Geologist, Thiruvananthapuram.
3. Tahsildar, Nedumangad
4. Village Officer, Aruvikkara
5. Station House Officer, Aruvikkara.

Instances of violation, if any, shall be reported to the District Collector, Thiruvananthapuram to take legal action under the Environment (Protection) Act 1986.

Validity shall be Five years from the date of production of this clearance before the Geologist, subject earlier review in the event of genuine complaint from anybody from the safety area or violation or non-compliance of any of the conditions stipulated herein.

Monitoring & Action Against Violation of General & Specific conditions

1. This Environmental Clearance is subject to the conditions mentioned in the proceeding. This EC is liable to be cancelled if general & specific conditions are violated and also Penal action will be taken if DEIAA finds any false statement / information in the project proposal.
2. Compliance of the condition herein will be monitored by the authority or its agencies and also by the regional office of the Ministry of Environment and Forest, Government of India, Bangalore.
3. 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.
4. Instances of violation, if any, shall be reported to the District Collector, Thiruvananthapuram to take legal action under the Environment (Protection) Act, 1986.
5. All the inventory records and other documents related to the operation and maintenance of the Quarry should be maintained and produced to the monitoring authorities whenever needed or directed to produce the same in the future.



6. The given address for correspondence with the authorized signature of the project of Sri. V. Somasekharan Nair, Naduthala Veedu, Manikanteswaram (PO), Thiruvananthapuram

Based on the decisions of DEIAA Committee, Environmental Clearance therefore granted to the quarry project of Sri. V. Somasekharan Nair, Naduthala Veedu, Manikanteswaram (PO), Thiruvananthapuram

Sd/-
Member Secretary, DEIAA &
Sub Collector, Thiruvananthapuram

To,
Sri. V. Somasekharan Nair,
Naduthala Veedu, Manikanteswaram (PO),
Thiruvananthapuram

Copy to:-

1. District Collector & Chairman, DEIAA, Thiruvananthapuram.
2. Divisional Forest Officer & Member, DEIAA, Thiruvananthapuram.
3. Member Secretary, DEAC & District Geologist, Thiruvananthapuram.
4. Director, Mining & Geology, Thiruvananthapuram.
5. Director, Environment & Climate Change Department, Pettah.
6. Pollution Control Board, Thiruvananthapuram.
7. Tahsildar, Nedumangad.
8. Village Officer, Aruvikkara.
9. Station House Officer, Aruvikkara.
10. Grama Panchayath Secretary, Aruvikkara.
11. File Copy.
12. Website.
13. Spare.

Forwarded by Order

Deepa R. Nair

Deepa. R. Nair

Junior Superintendent



