

**MINUTES OF THE 194<sup>th</sup> MEETING OF THE STATE LEVEL EXPERT APPRAISAL COMMITTEE (SEAC-1), KERALA HELD ON 27<sup>th</sup> JANUARY 2026 THROUGH VIRTUAL MODE**

The meeting commenced online at 10.00 AM on 27.01.2026. Sri. Anirud Kumar Dharni IFS (Retd), Chairman, SEAC-1 Kerala, chaired the meeting. The Committee discussed the agenda items in detail and took the following decisions:

**PHYSICAL FILES**

**Item No. 194.01**      **Confirmed the Minutes of the 191<sup>st</sup> SEAC-1 meeting held on 20<sup>th</sup> December 2025.**

Confirmed.

**Item No. 194.02**      **Revalidation of EC issued to the Building Stone Quarry Project of Sri. K. Sadanandan at Sy. Nos. 143/2, 143/4, 144/1, 144/2, 144/3, 146/1, 146/2, 146/3, 147/1,2,3,4,5,6,7,8,9,10, 148, 149/4, 152/4, 152/5, 152/6, 152/7, 152/8, 152/9, 152/10, 152/11, 152/12, 152/13, 152/14, 152/15 in V-Kottayam Village, Konni Taluk, Pathanamthitta - Order dated 13.10.2023 in Appeal No 48 of 2022 (SZ) filed by Sri. Roy Thomas before the Hon'ble NGT, Judgment dated 21.02.2024 in WP(C) No.2976/2024 filed by Sri. K. Sadanandan & Judgment dated 05.02.2025 in WP(C) No.37484/2024 & WP(C) N0.33412/2024; Interim order dated 26.08.2025 in WP(C) No. 21398/2025 (File No. 200/SEIAA/EC4/86/2014)**

As invited, the Project Proponent, Sri. Sadanandan K and the consultant Sri. Arunkumar attended the hearing before the Committee online. The consultant presented the details of the proposal. The Committee noted that, as per the Authority's decision, KSPCB had been earlier intimated to furnish the Environmental Damage Assessment Report vide its letter dated 01.11.2025. The Committee also observed that the Terms of Reference (ToR) application of the same Project Proponent in Proposal No. SIA/KL/MIN/541804/2025, in which some of the survey numbers overlapped with the current project, was recommended for rejection at the 191st SEAC-1 meeting, as the project area falls within a high-hazard zone as per the hazard zonation map issued by the State Disaster Management Authority. During the presentation, it was confirmed that an area of 6.0980 Ha within the earlier EC area of 15.3829 Ha has been granted with the ToR. As per the hazard zonation map of the State Disaster Management Authority, certain portions in the north-west and south-west of the instant project fall under the high-hazard zone, while the majority of the area lies in the moderate-hazard zone. The Committee

further noted that the WP(C) No. 44459/2025 has been filed by Sri. Reghu R is pending before the Hon'ble High Court.

**In these circumstances, the Committee decided to recommend rejection of the proposal due to the presence of the high hazard zone in the project area.**

### **PARIVESH FILES (Ver-1)**

**Item No.1 Environmental Clearance for the Expansion of the existing residential Building Construction project (Condor Cyber Gardens) M/s Condor Builders Pvt. Ltd. at. Sy. Nos. 172/9, 156/12, 171/5, 171/15, 171/12, 171/14, 171/17, 171/19, 171/20, 171/7, 157/33-1, 157/9 - 1, 170/11, 170/2, 170/21-1, 171/11, 171/13, 171/18, 171/16, 171/3, 171/4, 171/6-1, 176/11-1, 176/12, 176/12-1, 176/7-1, 171/1, 170/1, 170/1-2, 170/1-1, 172/6, 172/8, 172/8-1, 171/2, 169/13-2, 157/6, 157/5, 171/6-2, 156/20-0, 157/20-0, 171/9-1, 172/4-0, 172/7-0, 172/2 in Attipra Village, Thiruvananthapuram Taluk, Thiruvananthapuram. (SIA/KL/INFRA2/443950/2023, 2420/EC3/2023/SEIAA)**

The Committee considered the proposal and noted that the project had earlier been recommended for rejection by the 179<sup>th</sup> meeting of the SEAC on the finding that the Project Proponent had continued construction activities beyond the validity period of the EC. The Committee further noted that, in accordance with the directions of the SEIAA in its 154<sup>th</sup> meeting, the PP was required to be afforded an opportunity of hearing by the Committee and, therefore, called for the hearing.

The Committee now took note of the representation submitted by the PP vide letter dated 27.11.2025, wherein it was requested permission to withdraw the application, stating that EC for the said project had been obtained from the MoEF&CC on 07.11.2025.

Because the EC has already been obtained from the MoEF &CC, and without expressing any opinion on the merits of the proposal or the observations of the earlier Committee, the Committee decided to recommend accepting the request of the PP for withdrawal of the application and resolved to place the matter before the SEIAA for further consideration and appropriate decision, as deemed fit.

## PARIVESH FILES (Ver-2)

**Item No.01**                      **Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Binumon T. G., Managing Partner, M/s Megan Rocks, for an area of 1.3210 Ha at Block No. 9, Re- Sy No. 505/2 in Pazhavangadi Village, Ranni Taluk, Pathanamthitta.**  
**(SIA/KL/MIN/476101/2024)**

The Committee examined the additional documents submitted by the Project Proponent and found them satisfactory. The application was submitted in Form-1 and was accompanied by the approved Mining Plan, Pre-Feasibility Report, EMP, and other documents sought by the Committee.

The proposal was earlier considered in the 172<sup>nd</sup> SEAC meeting, following which a field inspection was carried out by the Sub-committee on 15.01.2025. The project site is located 5 m away from the Moderate Hazard Zone and 860 m from the High Hazard Zone, as per the hazard zonation map published by the State Disaster Management Authority. The highest elevation within the lease area is 130 m above MSL on the eastern side, and the lowest elevation is 95 m above MSL towards the west. The depth to the water table is 80 m AMSL, which is about 8 m below ground level, and the final mine void is proposed up to 90 m AMSL. The estimated life of the mine is 5 years, and the total project cost is Rs. 2 crores. Under the comprehensive Environmental Management Plan, activities amounting to Rs. 25,55,000/- will be implemented by M/s Megan Rocks and Rs. 14,85,000/- by Sri. Joseph Mathew, the PP of the adjacent project.

An amount of Rs. 19,85,000/- is earmarked under CER for the construction of a community centre and installation of a 3 kV solar panel for the Samskarika Nilayam in Pazhavangadi Panchayat, Ranni Taluk, Pathanamthitta District.

The Committee also verified the veracity of the complaint with the report of the village officer and the certificate of the DFO, Ranni dated 23.05.2025 and 01.07.2026 respectively. As per the report of the V.O it is stated that the allegation with regard to the land, which has been under private tax payment since before 1954 and is registered in the Land Register, BTR, and Thandapper Register in the name of Eliyamma and George of Thengumthottathil, is forest land, is baseless. Another allegation is that trees like Eetti (Indian Rosewood), Teak, and Maruthi (Arjun tree) were cut and removed illegally. No widespread cutting and removal of trees was observed. Moreover, there are no legal impediments to cutting and removing trees like Teak and Maruthi from this land, which has had a title deed since 1954. As per the certificate of the DFO, it is clear that the project area is at 0.420 km air distance from the nearby reserve forest.

**Based on detailed discussion, field inspection report and the additional detail submitted by the Project Proponent, the Committee decided to recommend EC for a period of 5 years, 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 permit / lease order should be provided to the SEIAA before commencing the mining activity.*
3. *Development of green belt should be initiated prior to the commencement of mining using indigenous species. The suggested species are Phyllanthus emblica (Nelli), Syzygium cumini (Njaval), Writia tinctoria (Dhanthapala), Ficus bengalensis (Peral), Ficus racemosa (Atti), Bambusa bamboos (Mullumula), Dendrocalamus strictus (Kallan mula), Strychnos nuxvomica (Kanjiram), Terminalia cattappa (Thanni), Schleicher oleosa (Poovam), Artocarpus hirsutus (Ayiniplavu) etc.*
4. *Compensatory afforestation should be done prior to the commencement of mining, by planting local species of trees on available land owned by the proponent, at the lower portion of the land.*
5. *Proper fencing with green Argo net at a height of 5m shall be installed around the project area.*
6. *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.*
7. *Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration.*
8. *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 half-yearly compliance report (HYCR).*
9. *Drainage water should be monitored at different seasons by an NABL accredited lab and clear water should only be discharged into the natural stream. - Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.*
10. *Overburden should be stored at the designed place and gabion wall should be provided for the topsoil and overburden storage sites.*
11. *The impact of vibration due to blasting on the houses and other built structures within 200m distance from the project boundary should be monitored in terms of Peak Particle Velocity and amplitude for a maximum charge per delay and included in the Half Yearly Compliance Report.*
12. *Geotagged photographs of the progress of compensatory afforestation should be submitted along with HYCR.*

13. *Implementation of CER Plan should be done during the first year itself of the EC period itself and its operation and maintenance should be done till the completion of mine closure plan.*
14. *The haulage road should be provided with sprinkling facility to prevent dust pollution.*
15. *Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30 pm to 5.00 pm).*
16. *Adequate sanitation, waste management and restroom facilities should be provided to the workers.*
17. *Adequate energy conservation measures should be implemented including solar power installations. At least 40% of the energy requirement shall be met from the solar power*
18. *The Environment Management Cell (EMC) should include one subject expert in environment management. The proceedings of the monthly meeting of the EMC should be submitted along with the HYCR.*
19. *Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.*
20. *Rainwater harvesting measures should be provided as per the guidelines of the Central Groundwater Authority and geotagged photographs of the same shall be submitted along with first HYCR.*
21. *Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*
22. *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 Corporate Environmental Responsibility (CER) shall be 2% of the total project cost.*
23. *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.*
24. *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.*

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

**Item No.02**

**Environmental Clearance for the proposed Granite Building Stone Quarry Project of Sri. Gurudeeksha L, M/s. Chaprayil Granites Pvt. Ltd., for an area of 4.9500 Ha at Block No. 39, Re-Sy Nos. 173/4-7, 173/4-16, 176/1, 176/1-3, 177/1, 177/1-2, 177/1-3, 177/1-4, 177/1-5, 177/1-6, 177/1-7, 177/3, 177/5, 177/6, 177/6-2, 178/3, 178/3-2, 178/4 & 178/5 in Chadayamangalam Village, Kottarakkara Taluk, Kollam (SIA/KL/MIN/460718/2024)**

As invited, the Project Proponent, Sri. Gurudeeksha L, partner Smt. Reshma, and the EIA Consultant, Smt. Ananthitha were present for the hearing. The consultant presented the project details and explained the activities undertaken by the Soil Survey and Soil Conservation Department, including the construction of about 200 m bund within the project property to mitigate soil erosion as part of the Kalladathani Water Shed Development Scheme. The application was submitted in Form-1 and was accompanied by the EIA Report, approved Mining Plan, Pre-Feasibility Report, EMP, and other documents sought by the Committee. The Mineable Reserves reported is 34,75,360 MT. The proposal was initially considered at the 166th SEAC meeting, and a field inspection was conducted by the Subcommittee on 06.07.2024. The project site does not fall within any hazard zone as per the hazard zonation map published by the State Disaster Management Authority.

The highest elevation within the lease area is 125 m AMSL, located approximately at the middle of the lease, and the lowest elevation is 65 m AMSL towards the south-west. The maximum working depth proposed is 55 m AMSL, and the depth to the water table in the nearest well is 50 m AMSL. The estimated life of the mine is 10 years, and the total project cost is Rs. 4.5 crores. Under the Environmental Management Plan, Rs. 1,40,50,000/- has been earmarked as capital cost and Rs. 2,89,10,000/- as recurring cost over 10 years. An amount of Rs. 32,40,000/- has been allocated under CER for various developmental activities.

Regarding the Kalladathani Water Shed Management project, the Director, Soil Conservation Department, forwarded a letter dated 12.11.2025, in which it is stated that the project has been completed and the competition certificate has also been forwarded to the Government.

**Based on the detailed discussion, field inspection report and the additional detail submitted by the Project Proponent, the Committee decided to recommend EC**

**for a period of 10 years, subject to the following specific conditions in addition to the general conditions.**

1. *All the issues raised in the complaints should be addressed meticulously and the actions taken should be incorporated in the first half yearly compliance report.*
2. *All the assurances given at the time of the Public Hearing should be implemented scrupulously and the action taken report should be incorporated in the first half yearly compliance report*
3. *The EC shall be valid from the date of execution of permit/lease from the Department of Mining and Geology. The copy of the permit / lease order should be provided to the SEIAA before commencing the mining activity.*
4. *Development of green belt should be initiated prior to the commencement of mining using indigenous species. The suggested species are *Phyllanthus emblica* (Nelli), *Syzygium cumini* (Njaval), *Writia tinctoria* (Dhanthapala), *Ficus bengalensis* (Peral), *Ficus racemosa* (Atti), *Bambusa bamboos* (Mullumula), *Dendrocalamus strictus* (Kallan mula), *Strychnos nuxvomica* (Kanjiram), *Terminalia cattappa* (Thanni), *Schleicher oleosa* (Poovam), *Artocarpus hirsutus* (Ayiniplavu) etc.*
5. *Since the Overburden dumping area is in relatively ~~stopy~~ sloping in nature, benches should be provided for the dumping area ~~with~~ at 1 m interval with strong reinforcements.*
6. *To prevent soil erosion in the region exposed soils including the overburden should be planted with soil binding plants such as psammophytes and geotextiles shall be used.*
7. *All the issues raised in the complaints should be addressed meticulously and the actions taken should be incorporated in the first half yearly compliance report.*
8. *All the assurances given at the time of the Public Hearing should be implemented scrupulously and the action taken report should be incorporated in the first half yearly compliance report*
9. *A temporary wall of 5m height should be erected on the western side boundary of the site connecting BP6-BP7-BP8 and southern side boundary of the site connecting BP6-BP5-BP4-BP3 to avoid disturbance and nuisance to the nearby residents and the road traffic.*
10. *Compensatory afforestation should be done prior to the commencement of mining, by planting local species of trees on available land owned by the proponent, at the lower portion of the land.*
11. *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.*
12. *Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration.*
13. *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 half-yearly compliance report (HYCR).*

14. *Drainage water should be monitored at different seasons by an NABL accredited lab and clear water should only be discharged into the natural stream. Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.*
15. *Overburden should be stored at the designed place and gabion wall should be provided for the topsoil and overburden storage sites.*
16. *The Project Proponent shall 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.*
17. *Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*
18. *The impact of vibration due to blasting on the houses and other built structures within 200m distance from the project boundary should be monitored in terms of Peak Particle Velocity and amplitude for a maximum charge per delay and included in the Half Yearly Compliance Report.*
19. *Geotagged photographs of the progress of compensatory afforestation should be submitted along with HYCR.*
20. *Implementation of CER Plan should be done during the first year itself of the EC period itself and its operation and maintenance should be done till the completion of mine closure plan.*
21. *The haulage road should be provided with sprinkling facility to prevent dust pollution.*
22. *Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30 pm to 5.00 pm).*
23. *Adequate sanitation, waste management and restroom facilities should be provided to the workers.*
24. *Adequate energy conservation measures should be implemented including solar power installations. At least 40% of the energy requirement shall be met from the solar power*
25. *The Environment Management Cell (EMC) should include one subject expert in environment management. The proceedings of the monthly meeting of the EMC should be submitted along with the HYCR.*
26. *Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.*
27. *Rainwater harvesting measures should be provided as per the guidelines of the Central Groundwater Authority and geotagged photographs of the same shall be submitted along with first HYCR.*
28. *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. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support.*
29. *As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16<sup>th</sup> 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.*
30. *The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

**Item No.03                      Environmental Clearance for the Granite Building Stone Quarry of Sri. Sujeesh. V for an area of 2.0675 Ha at Re-Survey Nos. 340/1-87-1, 340/1-87-3, 340/1-88-1 in Enadimangalam Village, Adoor Taluk, Pathanamthitta (SIA/KL/MIN/493178/2024)**

As invited, the Project Proponent, Sri. Sujeesh, and the RQP, Sri. Jayachandra Panicker, attended the meeting online, and the RQP made the presentation. The Committee verified the documents submitted by the Project Proponent, including the NOC from the Irrigation Department and the non-assignment certificate, and found them satisfactory. The project site is located to the southeast of the KINFRA Park on the same ridge top. As per the application, the total mineable reserve is 6,67,985 MT, with an estimated mine life of 5 years, and the total project cost is Rs. 2.50 crores. The elevation of the proposed project area ranges from 110 m AMSL to 75 m AMSL. As per the Cluster Certificate dated 12.07.2024, there is no working quarry within a 500 m radius of the proposed site. The site falls within a medium hazard zone, and the nearest high hazard zone is 2.08 km away. However, Google imagery indicates the presence of another granite quarry with Environmental Clearance, operated by Sri. Mathew Daniel (SIA/KL/MIN/127122/2019, 1562/EC1/2019/SEIAA), over an area of 2.2392 ha within 500 m of the proposed site.

The Committee also observed that an amount of Rs. 3.5 lakhs has been earmarked for CER activities, which is disproportionate to the project cost. Accordingly, the Committee decided to direct the Project Proponent to revise the CER allocation in line with the applicable norms.

**Item No. 4**

**Environmental Clearance for the proposed Laterite Building Stone Quarry Project of Sri. Raju I Punam for an area of 0.0755 Ha at Block No.27, Re-Survey no. 245/4 Kaipattoor Village, Kanayannoor Taluk, Eranakulam –Reg (SIA/KL/MIN/555688/2025)**

As invited, the RQP, Sri. A. G. Korah, and the Project Proponent, Sri. Raju I. Punam, attended the meeting online. The RQP made the presentation, including a drone video of the project site. The highest elevation of the project area is 46.0 m AMSL, and the lowest is 40.50 m AMSL, with the terrain sloping towards the west. The total project cost is estimated at Rs. 2.0 lakhs, with Rs. 50,000/- allocated for CER activities.

The total mineable reserve is 3,020 MT for a mine life of 1 year, and the mining depth is restricted to 2 m. The Project Proponent informed that the 0.5 m of topsoil removed will be refilled, re-grassed scientifically, and restored.

**In this circumstance, the Committee decided to recommend EC for a period of one year subject to the following specific conditions in addition to the general conditions for laterite mining projects.**

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 permit / lease order should be provided to the SEIAA before commencing the mining activity.*
3. *Re-grassing and plantation activities shall be carried out using scientific methods by excavating pits within the project area and refilling them with stored overburden to ensure adequate rooting depth and stability for the plants.*
4. *The mining should be restricted to a maximum depth of 2 m below ground level as proposed in the mining plan.*
5. *Proper benches should be provided at an interval of every 1.5 m.*
6. *The excavation activity should not involve blasting.*
7. *The excavation activity should be restricted to 2m above the groundwater table at the site.*
8. *The excavation activity should not alter the natural drainage pattern of the area*
9. *The excavated pit should be restored by the Project Proponent for agriculture and other useful purposes.*
10. *Appropriate fencing all around the excavated pit should be made to prevent any mishap.*

11. *Measures should be taken to prevent dust emissions by covering excavated earth during transportation.*
12. *Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to the excavation of earth.*
13. *Workers/labourers should be provided with facilities for drinking water and sanitation.*
14. *A berm should be left from the boundary of adjoining field having a width equal to at least half the depth of the proposed excavation.*
15. *A minimum distance of 50m from any civil structure should be kept from the periphery of the project area.*
16. *No water logging should be allowed in the mine pit. Appropriate drainage should be ensured from the project area prior to the commencement of mining.*
17. *The drain should be provided with silt traps and siltation pond and the overflow water should be clarified and drained to the nearest natural drain without any hindrance.*
18. *The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.*
19. *Measures incorporated in the CER should be implemented within 6 months from the date of EC.*
20. *Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5.00 pm)*
21. *As per OM no F.No.22-65/2017-IA.III dated 30<sup>th</sup> 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.*
22. *As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16<sup>th</sup> 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.*
23. *The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

**Item No. 5**

**Environmental Clearance for the proposed Laterite Building Stone Quarry Project of Smt. Molly Raju for an area of 0.0975 Ha at Block No.26, Re-Survey no. 301/1 Edakkattuvayal Village, Kanayannoor Taluk, Eranakulam (SIA/KL/MIN/555684/2025)**

As invited, the RQP Sri. A G Korah and the authorised person of the Project Proponent, Sri. Raju. I Punam were present online. The RQP made the presentation along with a drone video of the project site.. The highest elevation of the project area is 38.0 m AMSL and the lowest is 32 m AMSL and is slopping towards southeast. The total project cost is estimated as Rs. 2.0 Lac and Rs. 50,000/- has been allocated for the CER activities. Total mineable reserve is 3900 MT for the mine life of 1 year. The mining depth is restricted to 2m. PP informed that 0.5 m top soil removed will be refilled and re grassed and the re grassing will be done scientifically.

**In this circumstance, the Committee decided to recommend EC for a period of one year subject to the following specific conditions in addition to the general conditions for laterite mining projects.**

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 permit / lease order should be provided to the SEIAA before commencing the mining activity.*
3. ***Re-grassing and plantation activities shall be carried out using scientific methods by excavating pits within the project area and refilling them with stored overburden to ensure adequate rooting depth and stability for the plants.***
4. ***The mining should be restricted to a maximum depth of 2 m below ground level as proposed in the mining plan.***
5. *Proper benches should be provided at an interval of every 1.5 m.*
6. *The excavation activity should not involve blasting.*
7. *The excavation activity should be restricted to 2m above the groundwater table at the site.*
8. *The excavation activity should not alter the natural drainage pattern of the area*
9. *The excavated pit should be restored by the Project Proponent for agriculture and other useful purposes.*
10. *Appropriate fencing all around the excavated pit should be made to prevent any mishap.*
11. *Measures should be taken to prevent dust emissions by covering excavated earth during transportation.*
12. *Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to the excavation of earth.*

13. *Workers/labourers should be provided with facilities for drinking water and sanitation.*
14. *A berm should be left from the boundary of adjoining field having a width equal to at least half the depth of the proposed excavation.*
15. *A minimum distance of 50m from any civil structure should be kept from the periphery of the project area.*
16. *No water logging should be allowed in the mine pit. Appropriate drainage should be ensured from the project area prior to the commencement of mining.*
17. *The drain should be provided with silt traps and siltation pond and the overflow water should be clarified and drained to the nearest natural drain without any hindrance.*
18. *The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.*
19. *Measures incorporated in the CER should be implemented within 6 months from the date of EC.*
20. *Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5.00 pm)*
21. *As per OM no F.No.22-65/2017-IA.III dated 30<sup>th</sup> 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.*
22. *As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16<sup>th</sup> 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.*
23. *The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

**Item No.06**

**Environmental Clearance for the proposed Laterite Building Stone Quarry Project of Sri. Thulasidharan Nair for an area of 0.3230 Ha at Block No:35, Re-Survey No.118/5-1,118/5-2,118/5-3 in Pallikkal Village, Adoor Taluk, Pathanamthitta (SIA/KL/MIN/556102/2025)**

As invited, the RQP, Sri. V.K. Roy, and the Project Proponent, Sri. Thulaseedharan Nair, attended the meeting online. The RQP delivered a presentation supported by a drone video of the project site. The highest elevation of the project area is 25.0 m AMSL, and the lowest is 18.0 m AMSL. The total project cost is estimated at Rs. 11,37,000/-, of which Rs. 2,20,000/- is earmarked for Environmental Management Plan (EMP) activities and Rs. 20,000/- for Corporate Environmental Responsibility (CER) activities. The total mineable reserve is 23,902 MT, with a proposed mine life of 2 years. The PP further informed that the 0.5 m of topsoil to be removed during mining will be refilled and scientifically re-grassed upon completion. The maximum mining depth is restricted to 15 m AMSL. The depth to water table in the open well at 89.58 m at 49m AMSL is 8m bgl (41m AMSL). **On verification it is seen that there is discrepancy in the depth to water table provided and the elevation of the project area. In these circumstances, the Committee decided to get clarification on the same.**

**Item No.07**

**Environmental Clearance for the Laterite Building Stone Quarry Project of Sri. K Sajeevan for an area of 0.0949 Ha at Block No. 137 Re-survey no. 30/2744 in Chuzhali Village, Taliparamba Taluk, Kannur — Reg (SIA/KL/MIN/555217/2025)**

The Committee noted that the project area is in Kannur district and it comes under SEAC-3. The application was submitted by the Project Proponent to SEAC-1 by choosing Thiruvananthapuram as the District. **In this circumstance, the Committee decided to recommend rejection of the proposal for the inappropriate submission.**

**Item No.08**

**Application for ToR for the Granite Building Stone Quarry of 'M/s. Mariya Granites at Block No: 42, Re-Survey Nos: 467/3-3, 467/8-1, 467/8- 2, 467/9, 467/10, 467/10-1, 467/11, 467/11-1, 467/11-2, 467/12, 467/12-1, 467/13, 467/15, 467/16, 467/17, 477/2-3, 477/2-4, 477/4 of Poovarany Village & in Block No:43, Re-Survey Nos: 101/1, 101/2, 101/3, 101/3-1, 101/3-2, 101/3-3, 101/3-5, 101/7, 101/8 of Kondoor village, Meenachil taluk, Kottayam district, Kerala state. (SIA/KL/MIN/564778/2026)**

The Committee examined the ToR application and discussed it in detail. As per the approved mining plan, total mineable reserve is 23,50,552 MT. The life of mine is given as

10 years. The elevation of the area varies between 175m AMSL to 120m AMSL. The total project cost is given as 836.47 lakhs. It is observed that the north east boundary of the project area is closer to the medium hazard zone and the project area is 201 m away from the High Hazard Zone. Based on the discussion, **the Committee decided to recommend the Standard ToR under Category 1 (a) Mining of Minerals. The EIA report shall also include the slope stability study, and the soil profile across and along the project area, considering the proximity to hazard zones.**

**Item No.09**

**Environmental Clearance for the Granite Building Stone Quarry of Shri. S. Raveendran, Managing Director, M/s. Raveendra Rock Products Private Limited at Re-Sy Block No: 27, Re-Sy. Nos: 132/2, 132/2-1, 132/2-2, 132/2-3, 137/1-2, 137/2, 137/3, 137/4, 137/5, 137/6, 137/7, 137/8, 137/8-1, 137/9, 137/10, 137/11, 137/12-1, 137/12-2, 138/3, 138/4, 138/5, 138/6, 138/7-2, 138/8, 139/2, 139/2- 2, 139/3, 139/4, 139/5, 139/6, 139/7, 139/7-1, 139/10 & 139/11 in Ezhumattoor Village, Mallappally Taluk, Pathanamthitta  
SIA/KL/MIN/479878/2024**

**The Committee verified the evaluation report of the additional documents submitted by the PP as requested. As per the CCR, there are a few EC conditions that were partially complied with. The PP has submitted the NoC from the Irrigation Officer. The Committee observed that the CCR and the additional documents require a thorough scrutiny and hence the Committee decided to defer the proposal for the next meeting.**

**Item No.10**

**Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Joby George, M/s. Rocky Aggregates, for an area of 2.1774 Ha at, Re- Sy No. 56/4, 58/3, 59/1, 59/2 in Bharananganam Village, Meenachil Taluk, Kottayam  
(SIA/KL/MIN/484455/2024)**

The committee verified the NOC from Executive Engineer, Irrigation division, Kottayam dated 01.01.2026 and the explanation of the Project Proponent with regard to the complaint filed by Sri. V.A Mathew in connection with the access road to the quarry project. The project proponent stated that there are two access roads including the disputed road. The second road, as marked in the Village Sketch, is located on the northeastern side of the proposed area and has a width of 7.5 metres connected to Kodumpidi- Pravithanam Road. It is clarified that the proposed quarry project does not depend upon, nor does it require, the use of the disputed pathway passing through Survey No. 58/2 for any purpose, including implementation, operation, or transportation activities of the project. The access

road proposed to be utilized for the project is lawfully owned and controlled by the Project Proponent and is entirely independent of the land referred to in the complaint, as is evident from the village records. An affidavit has been submitted by the Project Proponent in this regard. Also, the Project Proponent had given the clarification in W.P (C) No. 45902/2024 as 'it is respectfully submitted that WP (C) No. 45902/2024 and the proceedings arising therefrom are in no manner connected with the mining project'. The Committee verified all the details submitted by the Project Proponent and found them satisfactory. The Project Proponent had submitted the application in Form-1, along with the Mining Plan, Pre-Feasibility Report, Environmental Management Plan (EMP), and other details as sought by the Committee. The field inspection was conducted by the Subcommittee on 15/01/2025. The total project cost is Rs. 2,90,20,000/- Lakh, of which Rs. 72,70,000 is allocated for the EMP and Rs. 25,40,000/- for CER. Total mineable reserve will be 856278.4 MT. The expected life of mine estimated is 7 years. The highest elevation of the lease area is 133.56m MSL and lowest is 103.405m MSL. The ultimate pit depth is 90m MSL. The total minable reserve as per the approved mining plan is 730751MT with average annual production of 1,87,000 MT. The depth to water table is 4-5m BGL at 88-89m MSL. As part of afforestation and green belt development, 1420 saplings shall be planted by the Project Proponent during the project period.

**Based on discussion, the Committee decided to recommend EC for a period of 7 years subject to the outcome of WP (C) No. 45902/2024 from the Hon'ble High Court with 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 Boulder management plan should be implemented as per the EMP.*
- 3. **Formation of mine void should be avoided by limiting the depth of mining to the lowest elevation of the project area.***
- 4. OB dump should be protected with retaining walls with weep holes.*
- 5. The PP shall strictly follow the affidavit regarding the usage of the road.*
- 6. The EC shall be valid from the date of execution of permit/lease from the Department of Mining and Geology. The copy of the permit / lease order should be provided to the SEIAA before commencing the mining activity.*
- 7. Development of green belt should be initiated prior to the commencement of mining using indigenous species. The suggested species are Phyllanthus emblica (Nelli), Syzygium cumini (Njaval), Writia tinctoria (Dhanthapala), Ficus bengalensis (Peral), Ficus racemosa (Atti), Bambusa bamboos (Mullumula), Dendrocalamus strictus (Kallan mula), Strychnos nuxvomica (Kanjiram), Terminalia cattappa (Thanni), Schleicher oleosa (Poovam), Artocarpus hirsutus (Ayiniplavu) etc.*

8. *Compensatory afforestation should be done prior to the commencement of mining, by planting local species of trees on available land owned by the proponent, at the lower portion of the land.*
9. *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.*
10. *Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration.*
11. *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 half-yearly compliance report (HYCR).*
12. *Drainage water should be monitored at different seasons by an NABL accredited lab and clear water should only be discharged into the natural stream. Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.*
13. *Overburden should be stored at the designed place and gabion wall should be provided for the topsoil and overburden storage sites.*
14. *The impact of vibration due to blasting on the houses and other built structures within 200m distance from the project boundary should be monitored in terms of Peak Particle Velocity and amplitude for a maximum charge per delay and included in the Half Yearly Compliance Report.*
15. *Geotagged photographs of the progress of compensatory afforestation should be submitted along with HYCR.*
16. *Implementation of CER Plan should be done during the first year itself of the EC period itself and its operation and maintenance should be done till the completion of mine closure plan.*
17. *The haulage road should be provided with sprinkling facility to prevent dust pollution.*
18. *Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30 pm to 5.00 pm).*
19. *Adequate sanitation, waste management and restroom facilities should be provided to the workers.*
20. *Adequate energy conservation measures should be implemented including solar power installations. At least 40% of the energy requirement shall be met from the solar power*
21. *The Environment Management Cell (EMC) should include one subject expert in environment management. The proceedings of the monthly meeting of the EMC should be submitted along with the HYCR.*
22. *Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.*
23. *Rainwater harvesting measures should be provided as per the guidelines of the Central Groundwater Authority and geotagged photographs of the same shall be submitted along with first HYCR.*

24. *Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*
25. *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. Institutions. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support.*
26. *The PP shall 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.*
27. *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.*
28. *The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

**Item No.11                      Environmental Clearance for the Granite Building Stone Quarry Project of M/s. Therani Rocks Private Limited, Director, Sri. Mathew C Samuel for an area of 0.9855 Ha at Block No.38, Re-Survey 34/1, 34/2, 34/2-2, 34/5-1, 35/3, 35/6, 35/7, 35/8 & 35/19 in Anavoor Village, Neyyatinkara Taluk, Thiruvananthapuram  
(SIA/KL/MIN/494660/2024)**

The Committee noted the request of the Project Proponent dated 03/11/2025 in which the Project Proponent requested to allow the withdrawal of the project proposal in order to apply for EC in a larger area. **Hence, the Committee decided to accept the request of the project proponent to allow the withdrawal of the application and recommended it to SEIAA.**

**Item No.12****Environmental Clearance for the proposed Granite Building Stone Quarry Project of Sri. Aneesh Peter for an area of 0.9936 Ha at Survey No.711/1-2-6, 714/1, 711/1-2-12, 711/1-2-4-2, 714/1-5-2, 714/1-5, 714/1-4 in Neriamangalam Village, Kothamangalam Taluk, Ernakulam (SIA/KL/MIN/504004/2024)**

The Committee verified the additional documents submitted by the Project Proponent as per the decision of 186<sup>th</sup> SEAC-1 meeting. As per the letter dated 17.12.2025 from the Wildlife Warden, the proposed site does not fall under the one-km buffer zone stipulated in the now-expired draft notification S.O 3454(E) dated 29.09.2020 for the Thattekkad Bird Sanctuary Area. As per the letter dated 30.12.2025, DFO, Kothamangalam Division it is stated that the location does not fall within Neriyamangalam Reserve Forest, which is the nearest reserve forest. Besides, plan for a culvert to be constructed across the access road near the project area to allow smooth flow of the stream seen on the northern side of the project area is also satisfactory.

The Project Proponent had submitted the application in Form-1, along with the Mining Plan, Pre-Feasibility Report, Environmental Management Plan (EMP), and other details as sought by the Committee. The total project cost is Rs. 1,00,00,000/-, of which Rs. 18,35,000/- is allocated for the EMP and Rs. 5,00,000/- for CER. Total mineable reserve will be 2,31,625 MT. The expected life of mine estimated is 3 years. The highest elevation in the area is 94 m AMSL and lowest elevation is 78 m AMSL. The ultimate pit depth is 40m MSL. As part of afforestation and green belt development, 1200 saplings shall be planted by the Project Proponent during the project period.

**Based on discussion, the Committee decided to recommend EC for a period of 3 years 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 permit / lease order should be provided to the SEIAA before commencing the mining activity.*
- 3. Development of green belt should be initiated prior to the commencement of mining using indigenous species. The suggested species are Phyllanthus emblica (Nelli), Syzygium cumini (Njaval), Writia tinctoria (Dhanthapala), Ficus bengalensis (Peral), Ficus racemosa (Atti), Bambusa bamboos (Mullumula), Dendrocalamus strictus (Kallan mula), Strychnos nuxvomica (Kanjiram), Terminalia cattappa (Thanni), Schleicher oleosa (Poovam), Artocarpus hirsutus (Ayiniplavu) etc.*

4. *Compensatory afforestation should be done prior to the commencement of mining, by planting local species of trees on available land owned by the proponent, at the lower portion of the land.*
5. *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.*
6. *Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration.*
7. *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 half-yearly compliance report (HYCR).*
8. *Drainage water should be monitored at different seasons by an NABL accredited lab and clear water should only be discharged into the natural stream. Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.*
9. *Overburden should be stored at the designed place and gabion wall should be provided for the topsoil and overburden storage sites.*
10. *The impact of vibration due to blasting on the houses and other built structures within 200m distance from the project boundary should be monitored in terms of Peak Particle Velocity and amplitude for a maximum charge per delay and included in the Half Yearly Compliance Report.*
11. *Geotagged photographs of the progress of compensatory afforestation should be submitted along with HYCR.*
12. *Implementation of CER Plan should be done during the first year itself of the EC period itself and its operation and maintenance should be done till the completion of mine closure plan.*
13. *The haulage road should be provided with sprinkling facility to prevent dust pollution.*
14. *Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30 pm to 5.00 pm).*
15. *Adequate sanitation, waste management and restroom facilities should be provided to the workers.*
16. *Adequate energy conservation measures should be implemented including solar power installations. At least 40% of the energy requirement shall be met from the solar power*
17. *The Environment Management Cell (EMC) should include one subject expert in environment management. The proceedings of the monthly meeting of the EMC should be submitted along with the HYCR.*
18. *Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.*

19. Rainwater harvesting measures should be provided as per the guidelines of the Central Groundwater Authority and geotagged photographs of the same shall be submitted along with first HYCR.
20. Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.
21. 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. Institutions. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support.
22. The PP shall 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.
23. 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.
24. The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.

**Item No.13**

**Environmental Clearance for the proposed Granite Building Stone Quarry Project of Sri. P.J Jose for an area of 2.7057 Ha at 492/4/1, 574/1A/9/9/19, 574/1A/9/9/20, 574/1A/11/11/6 in Pindimana Village, Kothamangalam Taluk, Ernakulam - ADS Received - Reg (SIA/KL/MIN/502028/2024)**

The Committee verified the additional documents submitted by the Project Proponent as per the decision of 186<sup>th</sup> SEAC-1 meeting. As per the letter dated 05.01.2026 from the Wildlife Warden, Idukki Division, the proposed site does not fall under the one-km buffer zone stipulated in the now-expired draft notification S.O 3454(E) dated 29.09.2020 for the Thattekkad Bird Sanctuary Area. The Project Proponent has also submitted the NOC issued by the Executive Engineer, Irrigation Division, Ernakulam vide Order No. A1-314/NOC/2025-26 dated 19.06.2025. The Project Proponent had submitted the application in Form-1, along with the Mining Plan, Pre-Feasibility Report,

Environmental Management Plan (EMP), and other details as sought by the Committee. The total project cost is Rs. 4,16,91,920/-, of which Rs. 96,28,700/- is allocated for the EMP and Rs. 12,00,000/- for CER. Total mineable reserve will be 10,05,448 MT. The field inspection was conducted by the sub committee on 18.10.2025. The moderate hazard zone is 650m away and high hazard zone and 1.2 km away from the Project site. The expected life of mine estimated is 5 years. The highest elevation in the area is 120 m AMSL and lowest elevation is 74.73 m AMSL. As part of afforestation and green belt development, 255 saplings shall be planted by the Project Proponent during the project period.

**Based on the discussion, the Committee decided to recommend EC for a period of 5 years 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 permit / lease order should be provided to the SEIAA before commencing the mining activity.*
- 3. The ultimate depth of mining should be limited to 72m above MSL considering the local ground water level and the mineable resources shall be reworked accordingly by the Mining and Geology Department while approving the Scheme of Mining / issuing the lease or permit.*
- 4. Development of green belt should be initiated prior to the commencement of mining using indigenous species. The suggested species are Phyllanthus emblica (Nelli), Syzygium cumini (Njaval), Writia tinctoria (Dhanthapala), Ficus bengalensis (Peral), Ficus racemosa (Atti), Bambusa bamboos (Mullumula), Dendrocalamus strictus (Kallan mula), Strychnos nuxvomica (Kanjiram), Terminalia cattappa (Thanni), Schleicher oleosa (Poovam), Artocarpus hirsutus (Ayiniplavu) etc.*
- 5. Compensatory afforestation should be done prior to the commencement of mining, by planting local species of trees on available land owned by the proponent, at the lower portion of the land.*
- 6. 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.*
- 7. Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration.*
- 8. 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 half-yearly compliance report (HYCR).*
- 9. Drainage water should be monitored at different seasons by an NABL accredited lab and clear water should only be discharged into the natural stream. Geotagged*

- photographs of the drainage and sampling site should be submitted along with HYCR.*
- 10. Overburden should be stored at the designed place and gabion wall should be provided for the topsoil and overburden storage sites.*
  - 11. The impact of vibration due to blasting on the houses and other built structures within 200m distance from the project boundary should be monitored in terms of Peak Particle Velocity and amplitude for a maximum charge per delay and included in the Half Yearly Compliance Report.*
  - 12. Geotagged photographs of the progress of compensatory afforestation should be submitted along with HYCR.*
  - 13. Implementation of CER Plan should be done during the first year itself of the EC period itself and its operation and maintenance should be done till the completion of mine closure plan.*
  - 14. The haulage road should be provided with sprinkling facility to prevent dust pollution.*
  - 15. Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30 pm to 5.00 pm).*
  - 16. Adequate sanitation, waste management and restroom facilities should be provided to the workers.*
  - 17. Adequate energy conservation measures should be implemented including solar power installations. At least 40% of the energy requirement shall be met from the solar power*
  - 18. The Environment Management Cell (EMC) should include one subject expert in environment management. The proceedings of the monthly meeting of the EMC should be submitted along with the HYCR.*
  - 19. Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.*
  - 20. Rainwater harvesting measures should be provided as per the guidelines of the Central Groundwater Authority and geotagged photographs of the same shall be submitted along with first HYCR.*
  - 21. Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*
  - 22. 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. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support.*
  - 23. The PP shall 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.*

24. *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.*
25. *The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

**Item No.14**                      **Environmental Clearance for the proposed Granite Building Stone Quarry of Sri. Swaroop Rajan, Managing Director, M/s True Stone Private Limited for an area of 0.9998 Ha at Survey No.s 328/1A-Q-48-20, 328/1A-Q-49-21 in Kottapadi Village, Kothamangalam Taluk, Ernakulam (SIA/KL/MIN/518137/2025)**

The Committee verified the additional documents submitted by the Project Proponent as per the decision of 186<sup>th</sup> SEAC-1 meeting. As per the letter dated 06.01.2026 from the Wildlife Warden, Idukki Division, the proposed site does not fall under the one-km buffer zone stipulated in the now-expired draft notification S.O 3454(E) dated 29.09.2020 for the Thattekkad Bird Sanctuary Area. On detailed verification proposal, the Committee observed that the proposed area fall under the reserve forest area. **In this circumstance, the Committee decided to direct the Project Proponent to submit NOC from the DFO, Malayttoor division.**

**Item No.15**                      **Environmental Clearance for the Granite Building Stone Quarry of Sri. Pradeep. N. S, Managing Partner, M/s. K L Granites at Re-Survey Block. No.35, Re-Survey. Nos. 368/3, 368/4, 374/3 (Patta Land) & 369/1 (Government land) in Pulimath Village, Chirayinkeezhu Taluk, Thiruvananthapuram – Rejection proceedings issued order dated 09.02.2021 - Judgment dated 02.09.2022 in WP(C) No. 13746 of 2021 (Old Proposal No.SIA/KL/MIN/43756/2019, File No.1454/EC1/2019/SEIAA) (SIA/KL/MIN/553958/2025)**

The Committee verified the application received through PARIVESH portal in detail and noted that certain details were not uploaded in the application, which was part of the appraisal of the application. The Committee in its 141<sup>st</sup>, 150<sup>th</sup> & 158<sup>th</sup> meeting sought certain documents, and on verification following details were not uploaded in the instant application in the PARIVESH portal:

- Non recurring cost in the EMP where mismatching (3 proposals were missing in the EMP submitted in fresh proposal)
- Clarification for difference in Geo coordinates mentioned in the documents.
- Proposal for avoiding obstruction of the drainage lines on the sloping terrain due to the proposed trench as a precautionary measure for the management of boulders is not uploaded.
- Report on the suitability of the road for transportation of the quarry material based on the Guidelines for Capacity of Roads in Rural Areas published by the Indian Road Congress and the certified width of the existing road by the LSGD Engineer is not uploaded
- Affidavit stating that he will comply with the condition stipulated in the GO (P) No. 59/2015/Trans dt. 29.9.2015 that goods vehicle having loading capacity of more than 10 tons is prohibited in roads with width less than 8m is not uploaded
- Clarification on having two mining plans for the proposed area, whether both the mining plans are approved by the Mining & Geology Department and reasons for the statement of the Proponent that one mining plan is wrong

**Hence, the Committee decided to direct the project proponent to upload all the documents that were submitted physically to SEIAA during the appraisal along with the above documents for further appraisal of the project.**

**Item No.16                      Environmental Clearance for the proposed Construction of Commercial Building Project - Prestige Vantage Point of Sri. Thankachan Thomas V, Sr. Exe. Vice President & Authorized Signatory, M/s. Prestige Estates Projects Ltd at 75/23, 75/9B, 75/7B, 75/9A-4, 75/8, 75/20, 75/21, 75/19, 75/22, 75/11 B1-3, 75/11 A1-3, 75/11 A1-2, 75/10 B, 75/11 B1-2, 75/10A in Edappally South Village, Kanayannur Taluk, Ernakulam (SIA/KL/INFRA2/548938/2025)**

The Committee verified the evaluation report of the Project Proposal and observed that certain essential details were not uploaded by the Project Proponent. The total built up area of the proposed building is 43015.42m<sup>2</sup> with Basement, Ground Floor and 13 Floors. The total project cost is Rs. 92.5481 Crore. The STP capacity is 98KLD. In this circumstance the Committee decided to direct the Project proponent to submit the following details through PARIVESH.

- 1. Form 1A**
- 2. Validity of the NABL accreditation certificate of the lab in which the air, water and noise data has been analysed**
- 3. Chalan of the processing fee paid to Government Treasury.**
- 4. Type of STP proposed to be used.**
- 5. Proposed CER details.**
- 6. Baseline data details, including Monitoring dates/sampling dates**

**Item No.17**

**Environmental Clearance for the Granite Building Stone Quarry of Sri. B. Sreekandan, for an area of 10.4881 Ha at Block No. 38, Re- Sy No. 227/1, 227/1-1, 227/1-2, 227/7, 227/18, 228/3, 228/4, 228/5, 228/6, 228/7, 228/10, 228/12, 228/13, 228/14, 228/17, 228/18, 228/19, 228/20, 228/21, 229/4, 229/16, 229/17, 264/3, 264/6, 264/6-1, 264/8, 264/9, 264/9-1, 264/10, 264/10-1, 264/11-1, 265/3, 265/4, 265/8, 265/9 in Anavoor Village, Neyyattinkara Taluk, Thiruvananthapuram. (SIA/KL/MIN/461000/2024)**

The Committee discussed the evaluation report of the Additional Documents submitted by the Project Proponent and found them satisfactory. The Project Proponent had submitted the application in Form-1, along with the Mining Plan, Pre-Feasibility Report, Environmental Management Plan (EMP), and other details as sought by the Committee. The total capital cost of the project is Rs. 4.43 Crore of which Rs. 1,33,77,500/- is allocated for the capital cost of Environment Management Plan (EMP) and Rs. 27,57,000/- as recurring cost of EMP. Total mineable reserve will be 10,00,365 MT. The field inspection was conducted by the sub committee on 21.09.2024. The moderate hazard zone is 7.7km away and high hazard zone 8.2 km away from the Project site. The expected life of mine estimated is about 10 years. The highest elevation of the lease area is 205 m AMSL towards north west side of the lease area and lowest is 160 m AMSL on the south direction, with an elevation difference of 45 m. The total minable reserve is 10,00,365 MT with average annual production of 1,00,000 MT. Depth to water table is at 80m AMSL. As part of compensatory afforestation 1650 saplings shall be planted by the Project Proponent during the project period.

**Based on discussion, the Committee decided to recommend EC for a period of 10 years 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 permit / lease order should be provided to the SEIAA before commencing the mining activity.*
- 3. Specific protection of the site against the steep slope covering the boundary connecting boundary pillars BP29-BP30-BP31-BP34-BP35 and BP36 shall be implemented.*
- 4. Development of green belt should be initiated prior to the commencement of mining using indigenous species. The suggested species are Phyllanthus emblica (Nelli), Syzygium cumini (Njaval), Writia tinctoria (Dhanthapala),*

*Ficus bengalensis (Peral), Ficus racemosa (Atti), Bambusa bamboos (Mullumula), Dendrocalamus strictus (Kallan mula), Strychnos nuxvomica (Kanjiram), Terminalia cattappa (Thanni), Schleicher oleosa (Poovam), Artocarpus hirsutus (Ayiniplavu) etc.*

5. *Compensatory afforestation should be done prior to the commencement of mining, by planting local species of trees on available land owned by the proponent, at the lower portion of the land.*
6. *A road with a proper width shall be maintained before the commencement of mining activities and follow a feasible traffic management plan in consonance with the adjacent quarries.*
7. *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.*
8. *Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration.*
9. *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 half-yearly compliance report (HYCR).*
10. *Drainage water should be monitored at different seasons by an NABL accredited lab and clear water should only be discharged into the natural stream. Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.*
11. *Overburden should be stored at the designed place and gabion wall should be provided for the topsoil and overburden storage sites.*
12. *The impact of vibration due to blasting on the houses and other built structures within 200m distance from the project boundary should be monitored in terms of Peak Particle Velocity and amplitude for a maximum charge per delay and included in the Half Yearly Compliance Report.*
13. *Geotagged photographs of the progress of compensatory afforestation should be submitted along with HYCR.*
14. *Implementation of CER Plan should be done during the first year itself of the EC period itself and its operation and maintenance should be done till the completion of mine closure plan.*
15. *The haulage road should be provided with sprinkling facility to prevent dust pollution.*
16. *Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30 pm to 5.00 pm).*
17. *Adequate sanitation, waste management and restroom facilities should be provided to the workers.*
18. *Adequate energy conservation measures should be implemented including solar power installations. At least 40% of the energy requirement shall be met from the solar power*

19. *The Environment Management Cell (EMC) should include one subject expert in environment management. The proceedings of the monthly meeting of the EMC should be submitted along with the HYCR.*
20. *Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.*
21. *Rainwater harvesting measures should be provided as per the guidelines of the Central Groundwater Authority and geotagged photographs of the same shall be submitted along with first HYCR.*
22. *Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*
23. *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. Institutions. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support.*
24. *The PP shall 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.*
25. *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.*
26. *The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

**Item No.18**

**Environmental Clearance for the proposed Commercial Complex Building Construction Project of Sri. Ameer Ahamed P.M, Managing Director, M/s Teejan Infrastructure Pvt . Ltd at Block 58, Re-Sy. Nos. 53, 54, 55, 56, 57, 66, 70 in Perumbavoor Village, Kunnathunad Taluk, Ernakulam (SIA/KL/INFRA2/556012/2025)**

As invited, the Project Proponent Sri. Ameer Ahamed P.M and the consultant Dr. P.Z Thomas were present online. The consultant made the presentation. Total build up area of the project is 35, 743.44 sq.m with ground+5 floors. The proposed project is a commercial complex building consists of Commercial Retails space, Restaurant (100 seats), Food court (250 seats) along with supporting infrastructure facilities with an FAR of 2.24. Total project cost is Rs. 130.43 Crore of which Rs. 6.94 Crore shall be utilised for the implementation of Environment Management plan. Total CER activity of Rs 1.965 Crores has been proposed by the Project Proponent for 6 different activities. The STP of 95KL capacity with tertiary treatment facility and MBBR technology is also proposed. The committee examined the proposal in detail and noted that the observations of 191<sup>st</sup> SEAC meeting were addressed by the Project Proponent satisfactorily. The baseline data details, Water balance details, calculation of waste water generation and STP usage, details with regard to the external sourcing of ordinary earth were submitted by the Project Proponent. As part of compensatory afforestation program, about 130 plants shall be planted along the periphery of the project area.

**Based on the presentation, clarifications, and detailed scrutiny of documents, the Committee decided to recommend Environmental Clearance for 10 years under Category 8 (a) “Building and Construction Projects” subject to the following Specific Conditions in addition to the General Conditions:**

- 1. During construction phase minimum 10 m height protective wall should be constructed to avoid polluting the natural stream on the west side of the project area.*
- 2. The electrical line passing through the project area should be considered for relocation in view of the safety concerns.*
- 3. From the excavated ordinary earth of 39,234 cu.m, 611 cu.m shall be reused onsite for landscaping and levelling and the remaining quantity shall be used for refilling abandoned laterite mining projects in the surrounding areas.*
- 4. A consent shall be obtained from NHAI for storm water diversion to the drains before commencement of work.*
- 5. During the construction phase, the project area shall be barricaded with GI sheets and other means up to the height required so as to avoid disturbance to other buildings nearby during construction.*
- 6. Construction work should be carried out during day time only.*
- 7. All vehicles, including the ones carrying construction material of any kind, should be cleaned and wheels washed.*

8. *All vehicles carrying construction materials should be fully covered and protected.*
9. *All construction material of any kind should not be dumped on public roads or pavements or near the existing facilities outside the project site.*
10. *Grinding & cutting of building materials should not be done in open areas. Water jets should be used in grinding and stone cutting.*
11. *Occupational health safety measures for the workers should be taken during the construction.*
12. *All vehicles during the construction phase should carry a PUC certificate.*
13. *D.G. set should be provided with adequate stack height, and regular maintenance should be carried out before and after the construction phase and would be provided with an acoustic enclosure.*
14. *The Project Proponent should make provision for the housing of construction labour with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc., as per the Building & Other Construction Workers (Regulation of Employment and Conditions of Service) Act, 1996. The housing may be in the form of temporary structures to be removed after the completion of the project (Circular No. J-11013/41/2006-IA.II (I) of GoI, MoEF dt.22.09.2008).*
15. *The Kerala Energy Conservation (Building Code) Rules 2017 should be complied with.*
16. *Energy conservation measures as proposed in the application should be adopted in total. The PP should examine the scope for improving energy conservation measures periodically and should implement the same.*
17. *Climate responsive design, as per Green Building Guidelines, in practice should be adopted*
18. *The guidelines for green rating and green building certification to buildings based on green standards issued by Government of Kerala vide GO (MS) No. 39/2022/LSGD dated 25.2.2022 should be adhered to.*
19. *The proponent should implement the drainage plan as proposed.*
20. *Water efficient plumbing features for saving water use should be adopted as per the plan submitted.*
21. *Local topography of the land profile should be maintained as such by avoiding deep cutting /filling.*
22. *Exposed roof area and covered parking should be covered with material having high solar reflective index.*
23. *Building design should cater to differently-abled citizens*
24. *Appropriate action should be taken to ensure that the excess rainwater runoff reaches the nearest main natural drain of the area and if necessary, carrying capacity of the natural drain should be enhanced to contain the peak flow*
25. *Green belt surrounding the campus, avenue tree planting, and garden development should commence from the beginning of the construction phase. Suitable local species should be used for green belt and avenue trees.*

26. *Vegetation should be developed appropriately on the ground as well as over built structures such as roofs, basements, podiums, etc.*
27. *The solid waste management proposal should be implemented as proposed in compliance with the rules of the central, state and local governments*
28. *The STP including the Tertiary Treatment Unit should be installed to ensure quality of treated water for re-use /recycle for flushing / gardening/ firefighting/ recharge of local ground water as per the plan submitted.*
29. *Adequate safety gadgets and instruments should be provided to the people engaged in the treatment of solid as well as liquid wastes. Periodic check-ups regarding the health status of the people should be undertaken.*
30. *Periodic monitoring of water samples from the groundwater sources should be carried out. Adequate treatment methods should be followed to remove the contaminants.*
31. *Charging facility for EVs at the parking space has to be ensured*

**Item No.19                      Environmental Clearance for the Expansion of the Common Bio Medical Waste Treatment Facility of M/s Kerala Enviro Infrastructure Ltd at Block No.37, Survey No. 205 in Puthenkruz village, Kunnathunad Taluk, Ernakulam (SIA/KL/INFRA2/554395/2025)**

As invited, the project Proponent, Dr. N. Kunjukrishnapillai, CEO, Dr. P.N Parameswaranm Director, Sri. Rajesh Gopinathan, DGM and the EIA coordinator Ms. Daksha Gupta, M/s Shivalik Solid Waste Management Ltd. were present online for the meeting. The consultant made the presentation. The project involves the capacity expansion of the existing Common Bio-Medical Waste Treatment Facility (CBWTF) operated by M/s Kerala Enviro Infrastructure Ltd. (KEIL) at Ambalamedu, Ernakulam. This facility is situated within a 3.5-acre plot located inside a larger 50-acre Common Hazardous Waste TSDF campus, which itself sits within a 442-hectare industrial area notified by the Government of Kerala on land belonging to FACT. The proponent, a Special Purpose Vehicle promoted by KSIDC, currently operates under an Environmental Clearance (EC) granted by SEIAA Kerala in November 2017. The proposed expansion seeks to increase the plant's capacity from its current 16 MT/day in two phases under Clause 7(ii)(a) of the EIA Notification 2006. Specifically, KEIL proposes a 20% capacity increase in the first year followed by another 20% in the subsequent year, achieving a total expansion of 40% within the existing premises without requiring additional land acquisition. The expansion is primarily driven by a Supreme Court verdict that authorized KEIL to collect and treat biomedical waste from both government and private Healthcare Facilities (HCFs) across five districts: Ernakulam, Alappuzha, Kottayam, Pathanamthitta, and Idukki. Technically, the enhancement will be achieved by replacing the existing incinerator feeding system with a more robust pusher system to reduce cycle times and by increasing the chimney size to accommodate higher loads for the ID fans, which currently operate at 50-60% capacity. The treatment infrastructure includes two incinerators with a

combined capacity of 12 MT/day, two autoclaves for red and white waste, a shredding unit, and dedicated sharp pits for treated sharps. Pollution control is managed through a high-pressure venturi scrubber, a quenching system to prevent dioxin and furan reformation, and a packed bed column for VOC adsorption, while liquid effluents are treated in an existing 50 m<sup>3</sup>/day Effluent Treatment Plant (ETP). Baseline environmental monitoring conducted between January and March 2025 indicates that ambient air quality and noise levels are within prescribed industrial and residential standards, and ground water samples from the 10 km radius study area are fit for human consumption. The study also confirmed the absence of protected ecologically sensitive areas, such as national parks or sanctuaries, within the project's vicinity. Financially, the expansion is estimated to cost ₹72 Lakhs for Phase 1 and ₹580 Lakhs for Phase 2. To mitigate environmental impacts, the proponent has allocated a capital investment of ₹31.5 Lakhs for the Environmental Management Plan (EMP) with a recurring annual cost of ₹21.64 Lakhs, alongside ₹7.0 Lakhs earmarked for Corporate Environment Responsibility (CER) activities. As per the direction of 191<sup>st</sup> SEAC meeting, the CER details were presented as Rs. 5 lac has been allocated for the improvement of infrastructures in the Anganavadies in Puthencruz Gramapanchayat and to conduct health camps in local village. CCR was also included in the presentation. A total of 175 plants shall be planted in two phases as part of greenbelt development.

**The Committee noted the presentation and the clarifications submitted by the Project Proponent satisfactory and decided to recommend the proposed 20% expansion of the common biomedical waste treatment facility for 10 years, subject to the conditions mentioned in the original EC.**

**Item No.20**

**Environmental Clearance for the proposed building stone quarry of Sri. R Sreedharan Nair, Managing Director, M/s Malleilil Industries Private Limited, for an area of 1.6100 Ha at Survey No. 615/52-26, 615/52-6, 615/130, 615/54-7-29, 615/54-1-32-1, 615/54-28, 615/61, 615/1-128, 615/54-4-2, 615/54-4-1, 615/54-1-43-1, 615/54-16, 615/54-3-22, 615/54-3-2, 615/53-1-8-2-4, 615/53-1-8-2, 615/47-4, 615/47-3, 615/53-1-8-2-2, 615/54-1-219-1, 615/47-10 in Konni Thazham Village, Konni Taluk, Pathanamthitta  
(SIA/KL/MIN/517689/2025)**

The Committee discussed the field inspection report conducted by the Subcommittee on 08.01.2026 in detail. As per the application, the project cost is 2 crore with an Environmental Management Plan costing Rs. 26.3 Lac and a total CER amount of Rs. 5,00,000/-. As per the Mining Plan, the mineable reserve is 4,73,335 MT for a mine life of 5 years. The elevation of the area varies between 120m AMSL to 77.6m AMSL. The ultimate pit proposed is 80 m AMSL and the depth ground water table of 20m depth from the general ground level. As per the Cluster Certificate dated 22.11.2024, certify that no working quarry is situated within 500 m. radius. As per the Google imagery, there is a

quarry proposal found within a 500m radius. The Hazard zonation map by Kerala State Disaster Management Authority shows that the High Hazard Zone 260m away from the Project area.

**After detailed deliberation of the field inspection report, details and clarifications submitted by the Project Proponent, the Committee decided to recommend Environmental Clearance for the project under category 1(a) 'Mining of Minerals' for the period of 5 years with certain 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 permit / lease order should be provided to the SEIAA before commencing the mining activity.*
3. *Specific protection of the site against the steep slope covering the boundary connecting boundary pillars BP29-BP30-BP31-BP34-BP35 and BP36 shall be implemented.*
4. *Development of green belt should be initiated prior to the commencement of mining using indigenous species. The suggested species are Phyllanthus emblica (Nelli), Syzygium cumini (Njaval), Writia tinctoria (Dhanthapala), Ficus bengalensis (Peral), Ficus racemosa (Atti), Bambusa bamboos (Mullumula), Dendrocalamus strictus (Kallan mula), Strychnos nuxvomica (Kanjiram), Terminalia cattappa (Thanni), Schleicher oleosa (Poovam), Artocarpus hirsutus (Ayiniplavu) etc.*
5. *Compensatory afforestation should be done prior to the commencement of mining, by planting local species of trees on available land owned by the proponent, at the lower portion of the land.*
6. *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.*
7. *Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration.*
8. *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 halfyearly compliance report (HYCR).*
9. *Drainage water should be monitored at different seasons by an NABL accredited lab and clear water should only be discharged into the natural stream. Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.*
10. *Overburden should be stored at the designed place and gabion wall should be provided for the topsoil and overburden storage sites.*

11. *The impact of vibration due to blasting on the houses and other built structures within 200m distance from the project boundary should be monitored in terms of Peak Particle Velocity and amplitude for a maximum charge per delay and included in the Half Yearly Compliance Report.*
12. *Geotagged photographs of the progress of compensatory afforestation should be submitted along with HYCR.*
13. *Implementation of CER Plan should be done during the first year itself of the EC period itself and its operation and maintenance should be done till the completion of mine closure plan.*
14. *The haulage road should be provided with sprinkling facility to prevent dust pollution.*
15. *Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30 pm to 5.00 pm).*
16. *Adequate sanitation, waste management and restroom facilities should be provided to the workers.*
17. *Adequate energy conservation measures should be implemented including solar power installations. At least 40% of the energy requirement shall be met from the solar power*
18. *The Environment Management Cell (EMC) should include one subject expert in environment management. The proceedings of the monthly meeting of the EMC should be submitted along with the HYCR.*
19. *Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.*
20. *Rainwater harvesting measures should be provided as per the guidelines of the Central Groundwater Authority and geotagged photographs of the same shall be submitted along with first HYCR.*
21. *Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*
22. *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. Institutions. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support.*
23. *The PP shall 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.*
24. *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.*

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

**Item No.21**                    **Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Jismon A.B, M/s JS BLUEMETALS LLP, for an area of 1.9841 Ha at Block No. 23, Re-Survey Nos. 346/2pt, 346/3pt & 346/4pt at Vellilappilly Village of Meenachil Taluk, Kottayam (SIA/KL/MIN/508513/2024)**

**The Committee primarily verified the field verification report and deferred it for detailed scrutiny in the next meeting.**

**Item No.22**                    **Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Bhaskaran A.P, for an area of 3.7062 Ha at Survey No. 465/1, 464/2, 464 & 465/2-1 at Vellilappally Village of Meenachil Taluk, Kottayam (SIA/KL/MIN/506416/2024)**

**The Committee primarily verified the field verification report and deferred it for detailed scrutiny in the next meeting.**

**Item No.23**                    **Environmental Clearance for the Granite Building Stone Quarry Project of Sri. M. T. Thomas, Managing Partner, M/s Thomson Granites, for an area of 4.0590 Ha at Block No. 06, Re-Survey Nos. 28/1-3, 28/1-5, 28/1-6, 28/1-7, 28/1-8, 29/2, 29/2-1, 29/2-3, 29/4, 29/5, 29/5-1, 29/6, 29/6-1, 29/6-2, 29/7, 29/8, 29/8-1, 29/9, 29/9-1, 29/9-2, 29/11 in Edakkunnam Village, Kanjirappally Taluk, Kottayam (SIA/KL/MIN/517996/2025)**

**The Committee primarily verified the field verification report and deferred it for detailed scrutiny in the next meeting.**

**Item No.24** Environmental Clearance for the Granite Building Stone Quarry project of Sri. Binu S, for an area of 2.6084 Ha at Block no. 01, Re-Sy Nos. 496/8, 467/5, 467/1, 467/2, 468/6, 468/7, 468/10 & 468/11in Pattazhi vadakkekkara village, Pathanapuram Taluk, Kollam.  
(SIA/KL/MIN/516038/2024)

The Committee primarily verified the field verification report and deferred it for detailed scrutiny in the next meeting.

**Item No.25** Validity Extension for the of Environmental clearance issued for the proposed china clay mining project in for an area of 2.4953 ha Sy. Nos. 427/1, 1-1, 1-2, 2, 4 & 5 at Melthonnakal Village, Trivandrum Taluk, Trivandrum District, Kerala by Sri. Chandrasekaran for M/s EICL limited.  
(SIA/KL/MIN/557042/2025)- FIR Received-reg  
(Old File No. No.2111/EC3/2025/SEIAA)

The Committee primarily verified the field verification report and deferred it for detailed scrutiny in the next meeting.

**Item No.26** Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Jose A.K for an area of 1.5906 Ha at Survey No.s 491/3A-6, 491/3A-7, 491/3A-8 in Pindimana Village, Kothamangalam Taluk, Ernakulam. (ToR approved proposal) – ADS Received - Reg  
(SIA/KL/MIN/514854/2024)

The Committee primarily verified the evaluation report of EIA report and deferred it for detailed scrutiny in the next meeting.

**Item No.27** Environmental Clearance for the Expansion of the Building Project, M/s Adlux Medicity & Convention Centre Pvt. Ltd, at Karukutty Village, Aluva Taluk, Ernakulam – Presentation – Reg  
(Older EC issued File No. 1186/A2/2018/SEIAA)  
(Expansion Project Proposal No: SIA/KL/MIS/273775/2022; File No: 2109/EC3/2022/SEIAA)  
(New Proposal No. SIA/KL/INFRA2/549283/2025)

As invited, the authorised person of the Project Proponent Sri. Shanu K.C, and the consultant Smt. Anathitha, Ultratech, were present for the meeting. The Consultant made

the presentation. The current expansion application (SIA/KL/MIS/273775/2022, File No. 2109/EC3/2022/SEIAA, now SIA/KL/INFRA2/549283/2025 via PARIVESH 2.0) seeks EC for an additional 45,219.34 m<sup>2</sup> built-up area (33,619.34 m<sup>2</sup> requiring EC after exemption for 11,600 m<sup>2</sup> educational use), raising the grand total built-up area to 1,18,599.02 m<sup>2</sup> with FSI of 0.62 (permissible 1.5) and coverage of 23.95% (permissible 35%). Proposed structures include a hospital addition of 17,465.06 m<sup>2</sup> (B+G+9 floors, increasing to 630 beds from 300), Nursing College of 7,000 m<sup>2</sup> (G+4), Gents Hostel of 4,600 m<sup>2</sup> (G+4), Hotel of 7,054.28 m<sup>2</sup> (B+G+8, 130 occupancy), Residential Quarters of 2,100 m<sup>2</sup> (G+2), and Ayurveda Research Centre of 7,000 m<sup>2</sup> (B+G+3), with a total project cost of ₹10,200 lakh, EMP budget of ₹365 lakh (non-recurring) plus ₹13.87 lakh per annum (recurring), and CER allocation of ₹9 lakh for health camps.

As per the presentation, the Project Proponent had requested the approval of SEAC for certain activities under the remediation plan for an amount of 104.92 Lac. Also, the presentation covered the activities already carried out under remediation plan for an amount of Rs. 4,02,58,677/-. The completed works include free water testing, distributing plants, distribution of leaflets, Training on waste segregation, distribution of coloured bins, distribution of PPE, installation of water treatment plant, restoration of alphonsa nagar pond, Renovation of Perumkulam Thodu drainage work, Construction & supply of pump house & set, Cleaning and modification of Puthenkulam pond, Civil & MEP work of Training centre at Fire Station and Beautification of NH & renovation of waiting shelters. The proposed activities involve Supply of Bio-bin in Karukutty Panchayat, Setting up of bottle booth, waste bin, awareness board and landscaping, Renovation of Amathara Pond and Alphonsa Nagar pond 4 sides handrail and interlock in Karukutty panchayat. The Committee discussed the revised proposal in detail and verified the progress of the implementation of RP/CNRAP. The committee accepted the revision of the Remediation plan as submitted by the Project Proponent for an amount of Rs. 104.92 Lac and the revised activities for CER submitted to SEIAA for an amount of Rs. 76,50,000/- for the activities at Govt. High School Palissery.

**Based on the presentation, clarifications submitted by the Project Proponent, and detailed scrutiny of documents, the Committee decided to recommend Expansion of the Environmental Clearance for 10 years under Category 8 (a) “Building and Construction Projects” subject to the conditions in the original EC.**

**Item No.28**

**Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Saji K Elias for an area of 0.9586 Ha at Block No.41, Survey No.s 300/1, 300/2-1 in Thiruvaniyoor Village, Kunnathunadu Taluk, Ernakulam. (ToR approved proposal) – Presentation - Reg (SIA/KL/MIN/503654/2024)**

As invited, the Project Proponent Sri. Saji K. Elias and the consultant Sri. Aunkumar, M/s Parivesh Environmental Engineering Services were present online. The consultant made the EIA presentation. The total project area is 0.9586 hectares with a

total mineable resource of 2,25,643 MT and a projected mine life of 3 years. As the project forms part of a cluster totalling 5.9438 hectares exceeding the 5 ha threshold, it is being processed under Category B1, requiring a full Environmental Impact Assessment (EIA) and Public Hearing, which was conducted on 13<sup>th</sup> August 2024. The elevation varies between 74-56m AMSL. The ultimate pit level is at 35m AMSL with 7 benches. The nearest high hazard zone is at a distance of 10.2 km. As part of the compensatory afforestation plan, about 675 trees shall be planted. The estimated project cost is approximately ₹3.49 crores, with an EMP capital cost of ₹91.82 lakhs and a recurring cost of ₹23.36 lakhs.

**After detailed presentation clarifications and the details submitted by the Project Proponent, the Committee noted that the mine closure of the non-working quarries in the region owned by the Project Proponent, including the following quarries, has not been scientifically closed.**

Quarry of Mr. Saji K Elias (0.6103 ha)	Mr. Saji K Elias, M/s Mariyem Industries Kuzhikandathil (H), Thiruvaniyoor P.O, Ernakulam	Survey No's.302/1 pt, 302/2, Thiruvaaniyoor Village, Kunnathunad Taluk, Ernakulam District, Kerala
Quarry of Mr. Saji K Elias (0.5424 ha)	Mr. Saji K Elias, M/s Mariyem Industries Kuzhikandathil (H), Thiruvaniyoor P.O, Ernakulam	Survey No's.301/1-3 Thiruvaaniyoor Village, Kunnathunad Taluk, Ernakulam District, Kerala
Quarry of Mr. Saji K Elias (0.9977 ha)	Mr. Saji K Elias, M/s Mariyem Industries Kuzhikandathil (H), Thiruvaniyoor P.O, Ernakulam	Survey No's. 302/7-1, 302/6, 302//, 301/1-3, 302/2-2, Thiruvaaniyoor Village, Kunnathunad Taluk, Ernakulam District, Kerala

**In these circumstances, the Committee decided to direct the PP to submit a detailed report/clarification regarding the status of the mine closure activities and the closure certificate from the Mining and Geology Department.**

**Item No.29**

**Revalidation of Environmental clearance issued to the Granite Building Stone Quarry Project of Sri. M. K. Biju, M/s Vismaya Rocks Private Ltd., for an area of 15.8000 Ha, (39.0418Acres) at Block No. 50, Re-Sy. Nos. 472/3, 472/4, 473/7-2, 473/6, 473/4-2, 473/4, 473/7, 472/5, 470/2-2, 471/5, 471/2, 470/8, 470/5, 470/7, 470/3-2, 470/9, 470/4, 470/2, 468/3, 473/8, 470/6, 470/3, 473/5, 470/10, 470/10-2, 472/1, 468/2, 471/1, 471/8, 474/8, 473/8-2, 472/6, 468/1-2, 474/7-2 (Patta Land), 470/11, 470/1 & 474/2 (Government Land) in Kummil Village, Kottarakara Taluk, Kollam  
(SIA/KL/MIN/552797/2025; 1205/EC1/2018/SEIAA)**

As invited, the Project Proponent Sri. M.K Biju and the Consultant Sri. Cyriac, M/s Global Environment and Mining Services LLP were present online for the meeting. The consultant made the presentation focusing on the queries raised by the 191<sup>st</sup> SEAC meeting. The Drone video was also presented by the project proponent. All the queries raised by the SEAC were addressed satisfactorily. As per the Modified Mining Plan and Scheme approved on 27<sup>th</sup> March 2024, the mineable reserve has been revised from 89,29,952 m<sup>3</sup> to 86,66,336 m<sup>3</sup> after accounting for overburden thickness and weathered rock presence, with the remaining mineable reserve as on 30<sup>th</sup> September 2023 standing at 75,33,460 m<sup>3</sup> (1,88,33,650 tonnes). to protect the local groundwater regime; the proponent has engaged specialized agencies such as CWRDM and NIT Surathkal for hydrogeological and vibration studies. The High Hazard Zone is 9.07 km away and the Medium Hazard Zone is 7.55 km away from proposed mining area. Ultimate depth of the quarry at conceptual stage is 12m AMSL. A total of 3000 plants were planted in the lease area.

**After detailed presentation of the project proposal, clarifications submitted by the Project Proponent, verification of Certified Compliance Report dated 19.08.2025 from MoEF&CC Regional Officer, Bengaluru, the Committee decided to extend the validity of the Environmental Clearance for a period of 20 years from 01.10.2023 for a quantity of 1,83, 39, 210 MT with the specific conditions mentioned in the original EC in addition to the General Conditions for granite mining projects.**

**Item No.30**

**Environmental Clearance for the proposed Granite Building Stone quarry of Smt. C Beenakmari for an area of 4.7730 Ha at Block No. 32, Re-Survey No. 288/1, in Koodal Village, Konni Taluk, Pathanamthitta.  
(SIA/KL/MIN/520035/2025:2451/EC2/2023/SEIAA)**

**The Committee primarily verified the field verification report and deferred it for detailed scrutiny of the field inspection and EIA report in the next meeting.**

**Item No.31**

**Reappraisal of Environment Clearance from DEIAA to SEIAA to the Granite Building Stone Quarry of Sri. V. Somasekharan Nair for an area of 4.5116 Ha. at Block No. 41, Re-Sy No. 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 at Aruvikkara Village, Nedumangad Taluk, Thiruvananthapuram.  
(SIA/KL/MIN/494061/2024)**

**The Committee primarily verified the field verification report and deferred it for detailed scrutiny in the next meeting.**

The meeting concluded at 5.00PM

The Committee decided to convene its next meeting on the 20<sup>th</sup> and 21<sup>st</sup> of February 2026.

Sd/-

**Sri. Anirud Kumar Dharni IFS(Rtd)  
Chairman, SEAC**

Sd/-

**Sri. Suneel Pamidi IFS,  
Secretary, SEAC**

**List of Participants:**

<b>Sl.No.</b>	<b>Name</b>	<b>13.10.2025</b>
1.	Sri. Anirud Kumar Dharni IFS(Rtd)	✓
2.	Dr. Ansari J.	✓
3.	Dr. M Rajaendraprasad	✓
4.	Dr. A. N. Manoharan	✓
5.	Dr. V. B. Vinayan	✓
6.	Sri. Suneel Pamidi IFS (Secretary)	✓