

MINUTES OF THE 179th MEETING OF THE STATE LEVEL EXPERT APPRAISAL COMMITTEE (SEAC), KERALA HELD ON FEBRUARY 11-13, 2025, IN THE OFFLINE MODE

The meeting started at 10.00 AM on 11th February 2025. Dr. R. Ajayakumar Varma, Chairman, SEAC Kerala, chaired the meeting. The Committee discussed the agenda items in detail and took the following decisions:

PHYSICAL FILES

Item No.179.01 **Noting in the minutes of 177th SEAC meeting held on 3rd and 4th January 2025 (Physical mode) & 178th SEAC meeting held on 24th January 2025(Online mode)**

Confirmed the Minutes of 177th SEAC and 178th SEAC

Item No.179.02 **Environmental Clearance issued to the Building Stone Quarry project of Sri. Rajeevan Nambiar, Managing Director, M/s Kokkallur Granite Private Limited at Re.Survey Block No.1, Re. Survey No.49/1B,85,86 in Balussery Village, Koyilandy Taluk, Kozhikode - Interim order dated 03.12.2024 in WP(C) No.37162/2024. (File No. 1262/EC1/2019/SEIAA)**

The Committee discussed the item and noted the decision of the 151th SEIAA meeting. It is also noted that the EC issued for the project expired on 12.01.2025, and the Project Proponent was instructed to submit an application for the modification of the EC in the PARIVESH Portal, along with all required documents, to avail the benefits of S.O. 1807 (E) dated 12.04.2022. Instead of submitting the application, the Project Proponent filed WP(C) No. 37162 of 2024 in the Hon'ble High Court. Through an interim order dated 03.12.2024, the Hon'ble High Court directed the Mining and Geology Department to issue the transit pass, as was directed in a similar case, WP(C) No. 19945 of 2022. Such a direction may provide legal immunity to continue unscientific mining. Hence, the SEIAA secretariat intimated Standing Counsel to file a review / appeal in WP(C) No. 37162 of 2024 & WP(C) No. 19945 of 2022 with immediate effect.

The Committee noticed the complaint received from KV Narayanan, Janakeeya Samrakshana Samithi, Eramangalam vide letter dated 20.01.2025 alleging that the M/s Kokkallur Granite Private Limited has conducted illegal mining activities by mining 200 MT per day against the permissible limit of 10MT per day. The extensive mining may cause damage to built structures adjacent to the site. The distance to the nearest buildings is wrongly mentioned in the application and the width of the road is less than the permissible width. The water sources are polluted due to the deposition of excavated soil, and the quarrying damaged the dug wells of the residents. It is also alleged that the mining company blocked the common pathways used by the local ST population and the bench formations in the mine is inadequate. There

are springs in the upstream areas of the site which is not mentioned in the DPR or in the application. There are also no benches maintained. **In the circumstance, the Committee decided to defer the item for conducting field inspection and report as directed by the 151st SEIAA.**

Item No.179.03 Environmental Clearance for the Granite Building Stone Quarry Project of Sri. L Syju, M/s K. Lekshmanan Company Infrastructures & Industries Pvt. Ltd., for an area of 1.4754 Ha at Block No. 40, Re-Sy Nos. 28/4pt (Govt Land), 28/8 and 28/3-1 (Pvt. Land) in Nilamel Village, Kottarakkara Taluk, Kollam. (SIA/KL/MIN/463911/2024)

As invited, the Project Proponent, Sri. L Syju and the RQP Sri. VK Roy attended the hearing. The RQP made the presentation and responded to the following seven reasons mentioned for rejection of the application by invoking the Precautionary Principle.

1. The site is located on the summit of an isolated midland hill with very steep slope all around the site.
2. There are large number of houses on the slope and down-hill side of the site which will be under threat due to the proposed quarrying on the hill top.
3. The road leading to the proposed site is very narrow and the feasibility for its widening is limited due to the population density of the area through which the road passes.
4. The overburden and top-soil dump of the site are proposed in a high-risk area with very steep slope.
5. The rainfall intensity of the area is reported to be very high, at times more than 200mm per day, aggravating the risky nature of the site.
6. The possibility to develop green belt all around the site is meagre, accentuating the impact due to the air pollution.
7. There is also lack of feasibility for planning and implementing storm water discharge.

After hearing, the Committee observed that the response to many of the reasons are not found satisfactory. The Committee decided to direct the Project proponent to submit a detailed hearing note within 7 days.

Item No.179.04 Environmental Clearance issued by MoEFCC to the hospital Complex project, St. Gregorios Medical Mission Hospital at Sy.Nos. 286/2, 286/3, 286/16 in Kadapra Village & Panchayath, Thiruvalla Taluk, Pathanamthitta District, Kerala – Request for final inspection to ascertain the remedial measures and release of Bank Guarantee (File No. 1346/EC1/2023/SEIAA)

The Committee discussed the item and noted the request of the Project Proponent dated 29.01.2025 regarding the execution of Natural Recourse Augmentation Plan. The PP has submitted detailed compliance status in response to the directives of the 156th SEAC Meeting

and requested to release the Bank Guarantee of an amount of 62,45,000/-. The Committee in its 177th meeting examined and recommended 8 additional activities proposed with a total cost of Rs. 8,44,150 as part of the required additional NCRA Plan for the approval of the SEIAA. **In the circumstances, the Committee decided to refer the request of the Project Proponent for the release of the Bank Guarantee to the Authority.**

Item No.179.05 Environmental Clearance issued to the Granite Building Stone quarry project of Sri. Thomas. O.D for an area of 1.3307 Ha at Re-Survey Nos. 234/1, 234/2 & 234/5 in Muppainad Village, Vythiri Taluk, Wayanad- (File No. No.1291/EC2/2019/SEIAA)

The Committee discussed the Field Inspection Report conducted as directed by the 147th SEIAA meeting. The Committee noted that the field inspection was carried out in the project area along with Sri. Sheljumon, District Geologist, Mining & Geology Dept., Wayanad, Sri. Arun Peter, Hazard Analyst, District Disaster Management Authority, Wayanad, Sri. Abdul Jaleel, Secretary, Muppainad GP, Wayanad, Smt. Dhanasree, Asst. Geologist, Mining & Geology Dept., Wayanad, Sri. Naushad K., Surveyor, Soil Conservation Department, Meenangadi, Wayanad in the presence of Sri. Jinesh, Representative of Sri. O.D. Thomas, the Proponent, Sri. Ajmal Sidique and Sri. Nikhil, Representative of the RQP to the Project, Sri. Udaifa P.H., Rippon Paurasamithi, the Complainant, Sri. Jaffar V., Convenor, Valathur Anti-Quarry Action Committee along with any other local residents. **Based on detailed discussion of the FIR, the Committee inferred the following.**

1. The proposed site is having an areal extent of 1.3307 Ha falling in Muppainad Village of Vythiri Taluk, Wayanad under the Sy. No. 234/1, 234/2 & 234/5 and it is located at Valathur near Rippon.
2. The site is located at North Latitude 11°31'35.52" and East Longitude 76°10'0.43"
3. The mining plan was approved on 11.6.2018. As per the plan, the proposal is for extraction of 3,78,793 MT of granite building rock during the period of 10 years with production rate of 37,800 MT per year.
4. No mining has taken place in the site so far though the EC was issued on 18.8.2020.
5. The appraisal of application for environmental clearance was not done based on field visit as per the documents.
6. Lowest and Highest elevation of the site is 830m to 895m above Mean Sea Level
7. The Proponent submitted a certificate from the District Geologist dated 11.6.2018 stating that there are no quarries in operation within 500m radius.
8. As per the Survey Map endorsed by the Village Officer, Muppainad and Tehsildar, Vythiri, the nearest house of Said is located at 53m on the east and that of Marshal Disilva is located at 55m south west.
9. Geomorphologically the area form part of denudational hills and the soil seems to be of forest loam with the valley portion indicating sandy loam texture. The lithology indicates quarts feldspathic gneiss type of rocks. The slope of the site is steep to very steep in the NE to SW direction.
10. The thickness of the soil is found varying from 0 to more than 2m as there are exposed rocks at patches.

11. The Proponent estimated the quantum of top soil as 11338 m³ and overburden as 7289 m³.
12. The land use of the site is plantation dominantly with coffee plants
13. A water tank, reportedly supplying water to about 300 families, is located on the hilltop about 100m from the boundary of the site.
14. The air quality, water quality and noise level data monitored by an accredited laboratory in 2019 and submitted for the appraisal did not indicate any anomaly.
15. The depth to ground water in a well in the neighbourhood, which is reported seasonal, is around 15m. The ground water is confined to the weathered hard rock, the thickness of which is very limited. The area experiences severe water shortage as per the report from the local residents.
16. The mine plan indicates that the maximum of depth of extraction proposed is up to 820m above MSL, thereby mining is not expected to intersect the ground water table.
17. The site is located 783m east of a moderate landslide hazard zone and 333m north of high landslide hazard zone. The proposed site is located about 2.5 to 3 km north of the hotspots of massive landslide of 2024 at Mundakki-Chooralmala.
18. The Proponent produced a report “Assessment of Granite Building Stone Quarry of Thomas O.D. in Muppainad Village” prepared by Dr. B.N.V. Siva Prasad and Mr. Sultan Singh Meena of Geomechanics & Ground Control Department of the National Institute of Rock Mechanics (NIRM), Bangalore dated 9.2.2024 approved by its Director Dr. H.S. Venkatesh submitted to M/s. Prime Technology Services, Kochi. The following are the main inferences, conclusions and recommendations given in the report
 - a. The overall pit slope of the proposed site varies from 29° to 54°.
 - b. The minimum factor of safety predicted by the numerical model is 1.749 which is higher than the minimum factor of safety of 1.2, considered for long-term stability (It is stated that the value of factor of safety less than 1.0 indicates that the slope will be unstable)
 - c. The slopes appeared to be highly stable enough for the proposed mining layout, bench configurations and the encountered lithology and shall not have nay impact on the surrounding
 - d. Since the high hazard zone is bout 340m away from the site on a hillock sloping in the opposite direction, it is unlikely that the minimal excavation carried out at the mine site shall trigger any failure of slopes towards the high hazard zone, provided controlled blasting techniques are strictly adopted at the mine site.
 - e. The blast vibration monitoring has not been carried out as part of the study
 - f. The study suggests to monitor the deformation of the slopes and also the build up in pore-pressure
19. The study by the NIRM does not cover the rainfall characteristics of the area, soil characteristics, terrain slope, drainage pattern, built-up structures and cultural aspects of the area.
20. The copy of the complaint against the quarry is signed by 331 persons and it mainly highlight the serious concern and apprehension of the local people as follows.

- a. There are many houses within 50m distance from the site and the proposed site falls in a residential area
 - b. The site is located in the highest hilly portion of the Panchayat and the area is steeply sloping
 - c. In 2009 and 2018, there were landslide and resultant considerable crop loss in the area
 - d. The checkdam and rain pit construction in the area as part of NABARD scheme was stopped due to the threat of landslips in the area
 - e. There are about 200 families living in and around the site including in the valley portion.
21. A Report of the Expert Committee constituted by the Govt. of Kerala vide GO (Rt) No. 2374/2009/DMD dt. 17.7.2009 to study the Landslides occurred during SW Monsoon of 2009 in Wayanad, Malappuram and Kozhikkode district reported a major debris flow in the Kanthanpara locality (N 11°31'34.2", E76°09'15.5") on 15.7.2009, which is very near the proposed site. It is reported that one woman lost life and one house was totally damaged in the incident. The report inferred that the incident occurred on a paleoslide locality where there was a debris flow 2 years prior to this incident and the site was characterised by slope of more than 40° with moderate to high sediment thickness.
 22. The site is located about 5 km northeast of Puthumala landslide disaster point and about 2.5 to 3km north of the Mundakkai-Chooralmala landslide hotspot
 23. It is seen that three houses are affected by landslips on the other side-slope of the same hillock on which the quarry is proposed, the distance to which is around 150m from the site. The people from three houses are evacuated as informed by the GP Secretary. It is also reported that the landslide occurred on the same time and date of the Mundakkai-Chooralmala disaster.
 24. As per the Letter dated 11.1.2022 from the District Collector, Wayand to the Administrator, SEIAA, it is reported that there are 8 houses within 50m limit on the top and valley portion of the site and 8 houses within 51 to 100m limit.
 25. Considering the fragile terrain characteristics and changing climatic pattern, distance criteria of 50m between the quarry site and built structure is highly inadequate.
 26. The slope characteristics, high soil thickness and its texture, land use pattern and drainage characteristics suggest that the site and its surrounding areas are highly fragile from the environmental point of view as well as highly disaster prone.
 27. In cases like this, it is important to invoke the 'Precautionary Principle'. *"The principle of precaution involves the anticipation of environmental harm and taking measures to avoid it or to choose the least environmentally harmful activity. It is based on scientific uncertainty. Environmental protection should not only aim at protecting health, property and economic interest but also protect the environment for its own sake. Precautionary duties must not be triggered by the suspicion of concrete danger but also by justified concern or risk potential"*.
 28. Hon'ble Supreme Court of India in a judgement in IA No.1000 of 2003 dated 3rd June 2022 has underlined the necessity for following the Precautionary Principle. The judgement states that a *situation may arise where there may be irreparable damage to*

environment after an activity is allowed to go ahead and if it is stopped, there may be irreparable damage to economic interest. The Hon'ble Court held that in case of a doubt, protection of environment would have precedence over economic interest. It was further held that precautionary principle requires anticipatory action to be taken to prevent harm and that harm can be prevented even on reasonable suspicion. Further, the Hon'ble Court emphasizes in the said judgement that it is not always necessary that there should be direct evidence of harm to the environment.

29. In the case of the proposed project area, there is every reason to suspect the risk potential in the context of extreme events due to changing climate pattern and proximity to landslide hazard zones. The ravages of extreme events due to climate change has been conspicuously present in Kerala over the past few years, particularly in the high-altitude regions. The nearest example is the massive landslide occurred in 2024 at Mundakki-Chooralmal region located about 2.5 to 3km south of the proposed site. There was another landslide occurred in 2019 at Puthulamala, a location about 5km south west of the site. Considering these, greatest caution has to be exercised while deciding about intrusive interventions, including mining in the proposed area.

Based on the inference above, the Committee decided to recommend reversal of the decision taken to grant environmental clearance to the project invoking Precautionary Principle. The SEIAA may also advise the Mauppainad Grama Panchayat to take immediate steps prior to the monsoon to ensure improved surface water drainage in the summit and surrounding slope region in and around the site as a precautionary measure.

PARIVESH FILES (Ver-1)

PART-1

Item No.01 Environmental Clearance for the expansion of existing Building Construction of Residential Project (Condor Cyber Gardens) M/s Condor Builders Pvt. Ltd. at Sy. Nos. 157/20, 172/4 & others in Attipra Village, Thiruvananthapuram Taluk, Thiruvananthapuram. (SIA/KL/INFRA2/443950/2023, 2420/EC3/2023/SEIAA)

The Committee examined the proposal as directed by the 150th SEIAA meeting and discussed it in detail. The SEIAA had referred the project based on a reconsideration request submitted by the project proponent vide letter dated 18.11.2024. But the Proponent has not produced any documents in response to observation made by 172nd SEAC meeting. As per the additional documents submitted dated 21.08.2024 the Project Proponent submitted notarized affidavit stating that the existing built structures are developed prior to expiry of EC validity on 12.07.2018 along with CCR from IRO, MoEF & CC, Bangalore. The Committee found that the additional documents sought in 164th and 168th SEAC meeting are not acceptable as documentary evidence to prove that all the existing built structures are developed prior to 12/07/2018. As per the google imagery, it is observed that the construction was going on even after the date of expiry of the EC, i.e. 12.7.2018, indicating violation. **Therefore, the**

Committee decided to recommend rejection of the application for EC and take appropriate action for violation.

Item No.02 Environmental Clearance for the Granite Building stone quarry of Sri. Sebastian. V. J for an area of 2.0827 Ha at Survey Nos. 1/166 in Pullippadam Village, Nilambur Taluk, Malappuram. (FIR Received) (SIA/KL/MIN/129437/2019, 1539/EC3/2019/SEIAA)

The Committee examined the proposal and discussed the Field Inspection Report conducted on 17.01.2025. **After detailed discussion, the Committee noted the following salient aspects in the field.**

- a) The location details of the site given in the application was not coinciding with the actual location. The site inspection indicated that the site is located in a gentle to moderate slope area surrounded by environmentally vulnerable and moderate and high landslide hazard zone.
- b) Chaliyar river is at a distance of 115m on the East and the Nilambur – Kakkadampoyil road is at a distance of 60m from project site.
- c) A buffer of 15m is proposed at BP5 & BP6 region considering the nearness to the road
- d) The moderate landslide hazard zone is at a distance of 141m (W) and high landslide hazard zone is at a distance of 843m (W)
- e) The Proponent's house is at 51.30m from Project boundary
- f) Exposed rock seen at 2 – 3 places inside the project area
- g) The site identified for compensatory afforestation is already with vegetation

Based on discussion, the Committee decided to direct the Proponent to submit the following clarification/additional documents for further appraisal of the application.

- a) Revised EMP prepared by a NABET Accredited Agency incorporating all mitigative measures and revised CER and budgetary provision as per the guidelines of SEIAA
- b) Revised plan for compensatory afforestation in public places along with location details, areal extent and geotagged photograph of the proposed site
- c) Plan for high-density planting in buffer zone
- d) Plan for the management of boulders in the site
- e) NOC from the Irrigation Department in compliance with Section 40(2) of the Kerala Irrigation and Water Conservation Act, 2003 as ordered by the Hon'ble High Court of Kerala in WP(C) No. 30737 of 2022 and 4655 of 2024 dated 19-04- 2024.
- f) The KML file of Project site
- g) Plan for energy conservation measures
- h) Plan of sanitary & waste management measures

The Committee also decided to suggest the following specific conditions if and when the project is recommended for issuance of EC.

- 1) A buffer of 15m at BP5 & BP6, considering the nearness to road, as proposed during presentation

- 2) Construction of retaining wall in between the location of dump and drainage channel for avoiding soil erosion and blockage of the drainage as suggested in EMP
- 3) Formation of a pit inside the mining site is not advisable considering the terrain and fragility of the area. Mining has to be limited to the lowest ground level, i.e. 75m above MSL.
- 4) Boulder management plan to be implemented before mining
- 5) The trees available in the buffer zone, including rubber trees, should not be removed and high density planting to be resorted to augment the area
- 6) All afforestation works, both in buffer zone & public places, has to be carried out during the 1st year itself and to be maintained properly during subsequent years.

Item No.03 **Environmental Clearance for the Granite Building Stone Quarry, M/s. Crystal Granites in Block No.-26 Re-Survey Nos. 178/12pt, 178/11pt, 178/13pt (Patta land), 168/6pt, 168/9pt, 168/10, 168/11pt, 183pt, 175/1pt, 177/1pt, 177/2pt & 178/1pt (Govt. land) at Pallickal Village, Varkala Taluk, Thiruvananthapuram District, Kerala (SIA/KL/MIN/132461/2019, 1572/EC1/2019/SEIAA)**

The Committee considered the direction of the 151st SEIAA meeting and noted the submission of the project proponent that he is ready to leave an extra buffer of 12.5m from the mining area boundary in order comply with the 50m safety distance criteria from the own buildings near BP-20 and the mine plan can be modified accordingly. The Committee also noticed the concerns raised in the letter received from Hon'ble MLA Adv. V Joy with regard to the adverse implications of the proposed quarrying project on the proposed tourism development of the area. **Based on discussion, the Committee decided the following.**

- a) The Project will be reconsidered after submission of the modified mining plan as suggested by the project proponent.
- b) Seek response of the project proponent to the concerns raised in the letter received from Hon'ble MLA Adv. V Joy. The SEIAA Secretariat is directed to provide copy of the letter from the Hon. MLA to the Project Proponent.

Item No.04 **Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Ashraf. P for an area of 2.3203 Ha at Re.Sy.No.172 in Kodyathur Village, Kozhikode Taluk, Kozhikode. (SIA/KL/MIN/138725/2020 1653/EC4/2020/SEIAA)**

The Committee scrutinised the additional documents submitted by the project proponent dated 23.01.2025 and found them satisfactory. As per the documents submitted, the PP obtained NOC from the District Level Crisis Management Group vide dated 13.12.2024, subject to 3 conditions. As per the Cluster certificate dated 26.11.2024, there is no quarry in operation within a 500m radius of the proposed site. It is also intimated that the NOC from the irrigation Department is under processing. As per the application, the total mineable reserve is 4,46,764 MT with an annual production of 44,676 MT. The life of mine as per the mining plan is 10 years. The depth to water table is 4m bgl at 85m above MSL. The highest

elevation of the proposed area is 190m MSL and lowest elevation of the proposed area is 95m MSL. Mining is proposed only up to 130m above MSL.

Based on discussion, the Committee decided to recommend EC for a period of 10 years subject to (i) submission NOC from the Irrigation Department in compliance with Section 40(2) of the Kerala Irrigation and Water Conservation Act, 2003 as ordered by the Hon'ble High Court of Kerala in WP(C) No. 30737 of 2022 and 4655 of 2024 dated 19-04- 2024 and the following specific conditions in addition to the general conditions:

1. The conditions stated in the NOC from District Level Crisis Management Group strictly complied with.
2. The green belt using indigenous species of trees, herbs and climbers should be initiated prior to the commencement of mining.
3. Compensatory afforestation should be done prior to the commencement of mining, by planting local species of trees as proposed.
4. Geotagged photographs of the progress of compensatory afforestation should be submitted along with HYCR
5. Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.
6. The haulage road should be provided with sprinkling facility to prevent dust pollution.
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. Garland drain, silt-traps, siltation ponds and outflow channels should be desilted periodically and geo-tagged photographs of the process should be included in the half-yearly compliance report (HYCR).
9. Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration
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 maximum charge per delay and included in the Half Yearly Compliance Report.
13. Implementation of CER Plan should be done during the first two years of the EC period itself and its operation and maintenance should be done till the completion of mine closure plan.
14. Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).
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. dump plan
18. Adequate facilities should be adopted to harvest the rainwater as per the guidelines issued by the Central Groundwater Authority.
19. The abandoned benches may be backfilled and suitable species including fodder grass and other species adapted to such situations.

Item No.05 **Environmental Clearance for the Building Stone Quarry project of Sri. Faisal, Managing Partner, M/s Star Granites at Re-Sy. Block No. 5, Re-Sy. No. 2/1B, in Kedavoor Village, Thamarassery Taluk, Kozhikode. (SIA/KL/MIN/154284/2020, 1736/EC4/2020/SEIAA)**

The Committee discussed the proposal and noticed that it was pending for more than 365 days as the project proponent did not submit the additional documents sought for 3 years. **The Committee examined the documents submitted by the Project Proponent dated 24.01.2025 and decided to defer the proposal for presentation and field inspection.**

Item No.06 **Environmental Clearance for Granite Building Stone quarry Project of Sri. K V Radhakrishnan at Re. Sy. No.-471/l(P) and 471/4(P) in Kuzhalmannam -1 Village, Alathur Taluk, Palakkad. (SIA/KL/MIN/251165/2022, 2012/EC1/2022/SEIAA)**

The Committee examined the proposal and found that the SEAC in its 147th meeting recommended EC for a mine life of 5 years based on secondary information available. Subsequently, the 131st SEIAA meeting noticed discrepancies in the Mining Plan as the area was found almost mined out without maintaining any benches. Accordingly, the project proponent submitted a revised mining plan, and the 144th SEIAA meeting directed the SEAC to conduct a field inspection to assess the feasibility of mining as per the revised mining plan. The Committee discussed the Field Inspection Report conducted on 27.12.2024 and inferred that the area is totally mined out and the possibility of mining as per norms is non-existent. **In the circumstance, based on discussion, the Committee decided to recommend rejection of application considering the following salient aspects in the field.**

1. The entire area is almost mined out and further systematic mining by maintaining benches is not found feasible at the site.
2. The existing mine pit has a depth of almost near to the level of water table and therefore, mining further for one more bench is not found feasible.

Item No.07 **Environmental Clearance for the Granite Building Stone Quarry project of Shri. Raghulan Pillai, for an area of 1.9000 Ha at Re-Sy Nos. 354/1-305 & 354/1-305-236 pt, in Karavalur Village, Punalur Taluk, Kollam District. (SIA/KL/MIN/43381/2019, 1580/EC2/2019/SEIAA)**

The Committee noticed that the project proposals was pending for a long period as the Project Proponent awaited a report from the Survey Director regarding the clarification on the width of the road leading to the site. Therefore, the 149th SEIAA decided to delist the project proposal for the time being and will reconsider the application when government directions are received. Currently, the project proponent vide letter dated 28.12.2024 requested to enlist the project proposal as the Survey Director submitted report dated 04.12.2024 to the Government based on WP(C) No. 26894 of 2023. The proposal was submitted on 17.12.2019, and the field inspection was conducted on 22.11.2020. Subsequently, 3 additional documents were sought, out of which only one was partially submitted. In the meanwhile, there was a complaint with respect to revenue issues and enquiries thereon. Since almost 5 years have elapsed after the submission of the data, most of the data submitted may not be relevant. **In the circumstance, the Committee decided that it is desirable to reappraise the project afresh and accordingly deferred for presentation and field inspection.**

Item No.08 **Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Musthafa P.T.V, Proprietor, M/s P T V Granites for an area of 0.9900 Hectares at Block No- 01, Re Survey Nos. 347/5, 347/5-5 & 347/5-15 in Thachanattukkara-I Village, Mannarkkad Taluk, Palakkad. (SIA/KL/MIN/439323/2023, 2443/EC3/SEIAA/2023)**

The Committee examined the Proposal as directed by the 151st SEIAA meeting and discussed it in detail. The Committee sought proof of application submitted for Wildlife Clearance considering that the distance to the Silent Valley National Park is at 7.6 km as per the PFR. Subsequently, a letter dated 24.05.2024, from the DFO, Silent Valley Division, clarified that the distance to the Silent Valley National Park is 12.61km. Considering this and other details, the Committee recommended EC without recording the change in the distance to the National Park based on the letter from the Forest Department. **Hence, the Committee corrects the minutes that the distance to the Silent Valley National Park is 12.61 KM. With this correction, the Committee decided to adhere to the previous decision taken in the 173rd SEAC meeting.**

Item No.09 **Environmental Clearance for the Granite Building stone quarry project of Sri. Arshak Ali. E.K for an area of 2.0144 Ha at Block No -2, Re Survey Nos: 104/2B-09 & 104/2B44 in Kannamangalam Village, Thirurangadi Taluk, Malappuram. (FIR Received)**
(SIA/KL/MIN/451347/2023, 2069/EC6/2022/SEIAA)

The Committee examined the proposal and discussed the Field Inspection Report conducted on 05.10.2024. **Based on discussion, the Committee decided to direct the Proponent to submit the following clarification/additional documents for further appraisal of the application.**

- a) Detailed split up of CER expenditure with technical details of equipment to be purchased / services to be provided
- b) Compensatory afforestation plan as more than 80 trees will be removed from the core area proposed for mining.
- c) Revised and detailed protective measures to prevent the accidental fall of rocks to the public road in the lower reaches
- d) Sources and permission letter for obtaining 3.5KLD of water from other sources.
- e) Protective methods for the storage of overburden / top soil and the management plan
- f) Energy conservation measures during quarry operation
- g) Detailed drainage plan for the project including connectivity to the perennial water body
- h) NOC from the Irrigation Department in compliance with Section 40(2) of the Kerala Irrigation and Water Conservation Act, 2003 as ordered by the Hon'ble High Court of Kerala in WP(C) No. 30737 of 2022 and 4655 of 2024 dated 19-04- 2024.

The Committee also decided to seek the following clarification / justification for the inappropriateness in the EIA report.

- a) Measures to overcome the shift in habitat of pigs and monkeys to the residential areas during quarry operations (as being asked during public hearing) as the EMP has not addressed this issue.
- b) It is said that there are 2 working quarries, 1 proposed quarry and no abandoned quarries within 500 meters of the proposed quarry. There seems to be more quarries and the details have to be incorporated in the EIA report.
- c) ToR 7, details concerning mine safety are not adequately incorporated in the EIA report as only blasting details are given in response to slope study. The proponent has undertaken independent slope study entrusting another agency. The proposed area is steep slopping. Considering all these aspects, a comprehensive report, incorporating blasting details and slope stability features, ensuring mine safety may be submitted
- d) ToR 17, the EIA report is silent about cumulative noise level impacts and therefore, detailed analysis of the noise impacts and appropriate management measures should be suggested, if the cumulative impacts exceed the permitted levels.
- e) ToR 22, the details of streams (seasonal or otherwise) passing through the lease area and modification/ diversion proposed, if any, and the impact of the same on the hydrology has not been dealt with. The EIA report stated that there is no stream in the

project site. However, during public hearing, a participant raised concern on the pollution in Cheroor Thodu during quarry operations. A justification for the above, and measures to overcome the issues relating to pollution needs to be submitted.

- f) ToR 27, the EIA report stated that there is no reclamation and restoration involved as the land is falling in the private category and the proponent failed to submit plans for post mining land use and reclamation and restoration of mined out areas. A detailed reclamation / restoration plan along with proposal for re-grassing the mining areas in compliance to the direction of the Hon. Supreme Court dt. 8.1.2020 has to be submitted.

**Item No.10 Re-appraisal of Environmental Clearance for the issuance of fresh EC to DEIAA issued EC for the mining of Granite Building Stone Quarry project of Sri. Biju Thomas, for an area of 1.6540 Ha at Sy. No. 146/1 in Kallar Village, Vellarikundu Taluk, Kasaragod.
(SIA/KL/MIN/452003/2023, 2511/EC4/2024/SEIAA)**

The project obtained EC from the DEIAA vide No. A 6500/17/DEIAA dated 20.10.2017. As per the Mining Plan approved on 07.07.2017, the minable reserve proposed was 6,44,268 T for mine life of 12 years. The PP obtained lease order vide order dated 09.01.2018 for a period of 12 years valid up to 08.01.2030. The balance quantity as per the Scheme of Mining approved on 25.5.2022 is given as 3,64,330 MT. In contradiction, the letter dated 17.4.2024 from the District Geologist stated that the balance resource available for mining is 5,90,120 MT. The Committee examined the proposal and discussed the Field Inspection report conducted on 07.12.2024. The PP has submitted CCR dated 31.7.2024. **Based on discussion, the Committee decided to recommend environmental clearance for 12 years from the date of original EC (20.10.2017) subject to the condition that the project proponent shall submit the NOC from the Irrigation Department in compliance with Section 40(2) of the Kerala Irrigation and Water Conservation Act, 2003 as ordered by the Hon'ble High Court of Kerala in WP(C) No. 30737 of 2022 and 4655 of 2024 dated 19.04.2024. The EC is subject to the following specific conditions in addition to the general conditions.**

1. The depth of mining should be limited to 365m above MSL to prevent formation of mine pit in the sloping terrain and also taking into consideration, the depth to water table.
2. The quantity of resource available for mining should be re-ascertained from the Mining & Geology Department as there is contradiction between the mineable reserve given in the Scheme of Mining approved on 25.5.2022 and resource availability certificated issued by the District Geologist on 17.4.2024.
3. The green belt should be initiated prior to the commencement of mining using indigenous species.
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. Overburden should be stored at the designated place and gabion wall should be provided for the topsoil and overburden storage sites
8. The impact of vibration due to blasting on the houses and other built structures within 200m distance from the project boundary should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay prior to the commencement of mining by engaging an institution of national repute. The vibration monitoring should be done periodically and it should be included in the Half Yearly Compliance Report.
9. Geotagged photographs of the progress of compensatory afforestation should be submitted along with HYCR
10. Implementation of CER Plan should be done during the first two years of the EC period and its operation and maintenance should be done till the completion of mine closure plan.
11. The haulage road should be provided with sprinkling facility to prevent dust pollution.
12. 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).
13. 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.
14. 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).
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. dump plan
18. Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.
19. Adequate facilities should be adopted to harvest the rainwater as per the guidelines issued by the Central Groundwater Authority.

Item No.11 **Reappraisal of DEIAA issued Environmental Clearance for the Granite Building Stone Quarry of Sri. Sunny Jose, Managing Partner of M/s. Payyavoor Granites for an area of 4.7036 Ha at Re Survey Block No. 84, Re Survey Nos. 1/1 & 1/12121 in Payyavoor Village, Taliparamba Taluk, Kannur District. (SIA/KL/MIN/456129/2024, 2517/EC4/2024/SEIAA)**

As invited, an authorised person Sri. Josemon and the Consultant Sri. Vikas Tripathi from M/s. Parivesh Environmental Engineering Services were present. The Consultant made the presentation. The Project Proponent has obtained EC from DEIAA vide No. 83/2018 dated 24.03.2018. Subsequently, the quarrying lease was executed on 23.04.2018 for 12 years from 23.04.2018 to 22.04.2030. The life of mine as per Mining plan approved on 20.02.2018 is 16 years with mineable reserves of 22,42,840 MT. As per the Scheme of mining, the balance mineable reserve is 14,24,600 MT. As per the presentation, the elevation of the varies between 380 to 260 m AMSL and the slope is very steep. The proposed area falls under the moderate hazard zone and it is in continuation with the high hazard zone, located at 21m. There are houses very close to the site from 55m onwards. During the presentation the measures for overcoming the risk of fall / slip and the problems to wild animals due to project activities is highlighted. As per the PFR, the Brahmagiri Wildlife Sanctuary is located at a distance of 3.99km from the proposed site and no proof of application submitted for wildlife clearance is submitted. The biodiversity assessment report is not submitted. The regressing proposal submitted is not satisfactory. As per the Cluster Certificate dated 09.11.2023, there is lease expired quarry owned by Sri. Shaju Jose for an area of 2.8500 Ha within 500m radius and the final mine closure plan for that was submitted. Considering the fragility of the area, it is difficult to make an appraisal without obtaining field level inferences. **Therefore, the Committee decided to defer the proposal for Field Inspection and Report.**

Item No.12 **Environmental Clearance for the Granite Building Stone quarry project of Sri. Kaderbabu E.K for an area of 3.4739 Ha at Block No.2, Sy.No.111/4, 111/7, 111/8, 111/2, 111/10, 111/5, 111/6 in Kannamangalam Village, Tirurangadi Taluk, Malappuram. (SIA/KL/MIN/47565/2019, 1515/EC3/2019/SEIAA)**

The Committee scrutinised the additional documents submitted by the Project Proponent and found them satisfactory. As per the revised EIA, the project Cost is Rs. 3,85,86,726/-. The public hearing was conducted on 24.09.2021. The total mineable reserve is 10,56,417.5 MT for a mine life of 12 years. The elevation of the area varies between 365m MSL to 190m MSL. The ultimate pit level proposed is 185m AMSL. The PP obtained NOC from the Irrigation Department; Malappuram vide order dated 09.12.2024 subject to 12 conditions. The site falls under the medium hazard zone and the PP obtained NOC from the District Crisis Management Group; Malappuram vide order No. DCMPM/7056/2024-DM5 dated 26.05.2014 subjected to 3 remarks. **Based on discussion the Committee decided to recommend environmental clearance for 12 years subject to the following Specific Conditions in addition to the General Conditions.**

1. The conditions stated in the NOC from District Level Crisis Management Group strictly complied with.
2. The conditions stipulated in the NOC from the Irrigation Department should be strictly complied with.
3. All the assurances and the mitigation measures committed by the Project Proponent as per the minutes of public hearing should be complied with.
4. The green belt using indigenous species of trees, herbs and climbers should be initiated prior to the commencement of mining.
5. Compensatory afforestation should be done prior to the commencement of mining, by planting local species of trees as proposed.
6. Geotagged photographs of the progress of compensatory afforestation should be submitted along with HYCR
7. Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.
8. The haulage road should be provided with sprinkling facility to prevent dust pollution.
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. Garland drain, silt-traps, siltation ponds and outflow channels should be desilted periodically and geo-tagged photographs of the process should be included in the half-yearly compliance report (HYCR).
11. Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration
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 maximum charge per delay and included in the Half Yearly Compliance Report.
15. Implementation of CER Plan should be done during the first two years of the EC period itself and its operation and maintenance should be done till the completion of mine closure plan.
16. Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).
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. dump plan
20. Adequate facilities should be adopted to harvest the rainwater as per the guidelines issued by the Central Groundwater Authority.
21. The abandoned benches may be backfilled and suitable species including fodder grass and other species adapted to such situations.

Item No.13 Environmental Clearance for the Granite Building Stone quarry project of Sri. Muhammedali. P for an area of 5.0511 Ha at Block no.56, Sy.No.382/1-2, 382/2, 383/1, 383/1-1 in Morayur Village, Ernad Taluk, Malappuram.
(SIA/KL/MIN/78419/2019, 1516/EC3/2019/SEIAA)

The Committee discussed the EIA Evaluation Report and the Filed Inspection Report conducted on 20.10.2024. After detailed discussion, the Committee observed that the additional documents submitted are satisfactory. The revised project cost is Rs. 2,83,25,037.02/-. As per the additional documents, the PP obtained NOC from the District Level Crisis Management Group dated 12.07.2024 since the project area falls in moderate hazard zone. The project proponent obtained NOC from the irrigation department vide order dated 21.11.2024 for a period of 1 years subjected to 12 conditions. As per the application, the total mineable reserve is 30,34,007.5 MT for a mine life of 20 years. The elevation of the proposed area varies between 365 m MSL to 255m MSL. As per the EIA report, the Public Consultation of the proposal was conducted on 19.01.2022 at Municipal Bus stand Auditorium, Malappuram. **Based on discussion the Committee decided to recommend environmental clearance for 20 years subject to the following Specific Conditions in addition to the General Conditions.**

1. The depth of mining should be limited to 255m above MSL to prevent formation of mine pit in the fragile terrain.
2. Considering the slope, terrain, and nature of soil conditions, water logging at the higher reaches is to be avoided at every stage of quarry operation.
3. The garland canal with required carrying capacity has to be ensured right from the initial stages of quarry operation and its connectivity through the culvert (crossing the road) and under the crusher area are to be ensured.
4. The boulders at the project site should be managed prior to the commencement of the quarry operation.
5. A permanent mines manager has to be posted and mining has to be undertaken as per strict norms as outlined in the reports of slope study, land susceptibility study and vibration studies during blasting.
6. Removal of vegetation has to be undertaken only in a phased manner.
7. The conditions stated in the NOC from District Level Crisis Management Group strictly complied with.
8. The conditions stipulated in the NOC from the Irrigation Department should be strictly complied with.

9. All the assurances and the mitigation measures committed by the Project Proponent as per the minutes of public hearing should be complied with.
10. The green belt using indigenous species of trees, herbs and climbers should be initiated prior to the commencement of mining.
11. Compensatory afforestation should be done prior to the commencement of mining, by planting local species of trees as proposed.
12. Geotagged photographs of the progress of compensatory afforestation should be submitted along with HYCR
13. Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.
14. The haulage road should be provided with sprinkling facility to prevent dust pollution.
15. Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain should be provided prior to the commencement of mining.
16. Garland drain, silt-traps, siltation ponds and outflow channels should be desilted periodically and geo-tagged photographs of the process should be included in the half-yearly compliance report (HYCR).
17. Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration
18. Drainage water should be monitored at different seasons by an NABL accredited lab and clear water should only be discharged into the natural stream. Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.
19. Overburden should be stored at the designed place and gabion wall should be provided for the topsoil and overburden storage sites
20. The impact of vibration due to blasting on the houses and other built structures within 200m distance from the project boundary should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.
21. Implementation of CER Plan should be done during the first two years of the EC period itself and its operation and maintenance should be done till the completion of mine closure plan.
22. Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 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. dump plan
26. Adequate facilities should be adopted to harvest the rainwater as per the guidelines issued by the Central Groundwater Authority.

27. The abandoned benches may be backfilled and suitable species including fodder grass and other species adapted to such situations.

Item No.14 **Environmental Clearance for the Granite building stone quarry of Sri. V K Ramachandran for an area of 0.9999 ha at Resurvey No. 124/3 and 124/4 in Akathethara Village, Palakkad Taluk, Palakkad (SIA/KL/MIN/420459/2023, 2450/EC3/2023/SEIAA)**

The Committee examined the Proposal and discussed the Field Inspection report conducted on 27.12.2024. As per the field inspection report, it is observed that:

1. The project area falls in the fringe area of the Palakkad Gap of Western Ghats and breaking up the constellation of sheer rocky escarpments on the side of the Gap would seriously imperil the fragile land system of the gap fringe.
2. The area experiences wild elephant movement from the forested mountains adjacent to the Gap. Quarrying may aggravate this phenomenon as elephants are known to receive and react to vibrations in the ground.
3. Mining activity and the resultant dust pollution will affect the vegetative cover in the nearby forested areas.
4. A seasonal stream is flowing from N-S on eastern side of the proposed project area.
5. Presence of NE-SW and E-W trending lineaments are evident from the google imagery of the surrounding area of the proposed project.
6. The project area is surrounded by vested forest on three sides and ecologically fragile land (EFL) on the southern side. The site enclosed by the forest ecosystem and the proposed project activities will have irreversible adverse environmental impact on the ecosystem.
7. A hanging power fence was seen erected by Forest department on the southern boundary of the property and the road to the proposed project site is through EFL land for a length of 140m

Based on the above adverse points, the Committee observed that the project area is environmentally fragile and hence decided to recommend rejection of the proposal by invoking Precautionary principle

Item No.15 **Environmental Clearance for the Common Biomedical Waste Treatment Facility by IMAGE-IMA at Block No 26, Re. Sy No 340/1/19, 340/1/20, in KINFRA Park Enadimangalam Village, Adoor Taluk, Pathanamthitta. (SIA/KL/INFRA2/434354/2023, 2308/EC1/2023/SEIAA)**

The Committee discussed the additional documents submitted by the project proponent dated 08.02.2025. The public hearing of the proposal was done on 07th September 2024. During the Public Hearing, most of the concerns raised were related to pollution and health aspects. The PP states the waste generated from the health care facility will be disposed in accordance with the provisions of the Solid Waste Management Rules 2016. The methodology adopted in

handling biomedical waste is based on CPCB guidelines. The possibility of contamination of the biomedical waste with radioactive waste is very meagre. However, periodic screening will be done at the time of collection at the plant using detectors to avoid such contamination. The Project Proponent also stated that no waste is directly exposed to the atmosphere at any stage of handling. Subsequently, incinerable waste will be treated in rotary kiln type double chamber incinerator and there is no chance of odour nuisance or other related issues anticipated. The proposed double chamber incinerator has a capacity of 500 kg/hour and can operate 20 hours a day. Hence, the unit have a capacity to treat 10,000 Kg per day for yellow waste (Incinerable Waste). The Project Proponent submitted remarks to the water pollution and the PP states that water management will be done scrupulously as suggested in the detailed study carried out and Zero Liquid Discharge will be ensured for the surface and sub-surface flow. The Committee observed that the environmental issues raised during the public hearing and the issues raised in the complaints, subsequently referred to the Committee, are environmentally manageable with the implementation of the recommendations in the expert study, appropriate application and adoption of the proposed technologies and strict compliance to the guidelines of the enforcement agencies. In the circumstance, the **committee decided to recommend EC for 10 years subject to the following Specific Conditions in addition to the General Conditions:**

1. A Local Monitoring Committee (LMC), under the chairmanship of the President of the Grama Panchayat and including the elected member of the GP from the locality, representative of the industrial park, official of the Pollution Control Board and the Project Proponent should be formed to monitor the activities of the proposed plant on a regular basis to ensure that all the safeguards are intact.
2. The measures proposed to ensure the prevention of any accidental spill of the waste/leachate should be monitored on a daily basis and safeguards ensured.
3. Appropriate number of wells within 1 km radius of the project site towards downstream side of the site should be identified through the LMC and weekly monitoring of water quality should be carried out for six months, initially, and monthly monitoring should be carried out subsequently by a laboratory accredited by the NABET. The results should be placed in the LMC and should be made available at the gate of the plant for public to refer.
4. Monitoring well should be maintained as recommended in the hydrogeological study and the groundwater quality should be monitored periodically by engaging NABL accredited Lab.
5. Surface outflow and groundwater outflow from the project area should be monitored periodically by engaging NABL accredited Lab.
6. All the assurances and the mitigation measures committed by the Project Proponent as per the environmental management plan and suggested in response to the complaints raised should be complied with scrupulously.
7. All the measures recommended in the hydrological and hydrogeological study should be complied with and reported to the LMC
8. The details of gap analysis study should be submitted as and when it is obtained from the KSPCB.

9. Rotary type of incinerator should be installed as it has better thermal efficiency, air mixing in the burning chamber and operational efficiency with improved emission quality.
10. The onsite storage facility for storage of ETP sludge, ash, and mercury waste should have adequate storage capacity and the Proponent should ensure weekly removal and disposal of this waste in the treatment, storage and disposal facility (TSDF) for Hazardous Waste, currently located at Amabalamedu, Ernakulam.
- 11.** Proponent should install Ultra Filtration (UF)/RO facility in addition to Pressure Sand Filter and Pressure (PSF) and Pressure Carbon Filter (PCF) for enabling and ensuring recycling/reusing of tertiary treated wastewater to achieve zero discharge.
12. The recommendations of the engineering feasibility study and hydrological and hydrogeological study should be implemented strictly
13. The surface water drainage system comprising of drains, channels, catch drains, culverts etc. should be implemented prior to the commissioning of the plant and it should be maintained properly and periodically.
14. Harness maximum solar energy, to meet partial power requirement and providing post type, solar yard lighting system, within and adjoining areas.
15. Rain water falling on active tipping areas should be collected separately and it should be collected through the leachate collection drain and leachate collection sumps and finally lead to the leachate treatment for treatment and disposal/ reuse.
16. Green belt should be developed all around the compound of the proposed plant using indigenous species of trees, herbs and climbers prior to the commissioning of the plant.
17. Compensatory afforestation plan should be implemented using indigenous species of plants, herbs and climbers prior to the commissioning of the plant and the progress of implementation of the plan and its maintenance should be submitted in the half-yearly compliance report along with geo-tagged photographs.
18. Disinfection and cleaning arrangements for the vehicles should be maintained at the entry and exit gates
19. The Corporate Environment Responsibility Plan should be implemented during the first two years of the project and it should be operated and maintained during the rest of the period of EC
20. There should be regular vigil on the safeguard measures installed for possible accidental spillage of contaminants to the water body in the downstream area and the findings should be recorded in a log book which should be placed in the LMC on a regular basis.

Item No.16 Environmental Clearance application for the Granite Building Stone Quarry Project of Sri. Sukumaran E., M/s. Perattur Rocks N Sands for an area of 4.6189 Ha at Re - Survey No. 430/1pt116, 430/1pt607, 430/1pt66, 430/1pt841, 430/1pt473, 430/1pt842, 430/1pt701, 430/1pt843 in Thayanoor Village, Vellarikundu Taluk, Kasaragod (SIA/KL/MIN/438095/2023, 2033/EC2/2022/SEIAA)

As invited the Project Proponent Sri. Sukumaran E and the Consultant Vikas Thripathi from M/s. Parivesh Environmental Engineering Services were present. The Consultant made the presentation. The Committee also discussed the EIA evaluation and ADS evaluation reports. As per the EIA report, the Public hearing of the project was carried out on 07.06.2023 and about 60 participants attended the hearing. The elevation of the area varies between 280m AMSL to 160m AMSL. The Project Proponent obtained NOC from the Irrigation department; Kasaragod vide order dated 09.12.2024 for period of 1 year. **During the presentation, the Committee raised the following apprehensions.**

1. The minable reserve proposed is 33,16,864 MT from an area of 4.6189 Ha seems to be higher than the yield projected.
2. The EIA report and the EMP for the project is satisfactory. However, the Cluster EMP submitted by the PP along with an affidavit is found sketchy in nature.

As the EIA and EMP for the project is satisfactory, the Committee decided to recommend EC for 20 years subjected to the following Specific Conditions in addition to the General Conditions.

1. The depth of mining should be limited to 160m above MSL.
2. The conditions stipulated in the NOC from the Irrigation Department should be strictly complied with.
3. All the assurances and the mitigation measures committed by the Project Proponent as per the minutes of public hearing should be complied with.
4. The green belt using indigenous species of trees, herbs and climbers should be initiated prior to the commencement of mining.
5. Compensatory afforestation should be done prior to the commencement of mining, by planting local species of trees as proposed.
6. Geotagged photographs of the progress of compensatory afforestation should be submitted along with HYCR
7. Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.
8. The haulage road should be provided with sprinkling facility to prevent dust pollution.
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. Garland drain, silt-traps, siltation ponds and outflow channels should be desilted periodically and geo-tagged photographs of the process should be included in the half-yearly compliance report (HYCR).
11. Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration

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 maximum charge per delay and included in the Half Yearly Compliance Report.
15. Implementation of CER Plan should be done during the first two years of the EC period itself and its operation and maintenance should be done till the completion of mine closure plan.
16. Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).
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. dump plan
20. Adequate facilities should be adopted to harvest the rainwater as per the guidelines issued by the Central Groundwater Authority.
21. The abandoned benches may be backfilled and suitable species including fodder grass and other species adapted to such situations.

**CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL
CLEARANCE(Extension/Amendment/Corrigendum)**

Item No.01 **Revalidation of Environmental Clearance issued by SEIAA for the Granite Building Stone Quarry Project of Sri. C.K. Abdul Azeez, Managing Director, M/s Grand Stone Metals Pvt. Ltd for an area of 4.8240 Ha at Sy. No. 3, 21/1, 21/2, 22, 23, 24 in Kannamangalam Panchayat & Village, Thirurangadi Taluk, Malappuram. (Proposal No. SIA/KL/MIN/306709/2023, File No.906/SEIAA/EC1/3538/2015)**

The Committee examined the proposal and noted the decision and direction of the 150th SEIAA meeting. The Committee noted that EC for the proposed project was issued 16.11.2017 for a period of five years and the validity has expired on 15.11.2022. The mine life estimated as per the approved mining plan is 22 years and but the 172nd SEAC recommended revalidation of EC for 12 years based on the scheme of mining. The Authority

opined that the EC has to be revalidated for the remaining mineable reserve based on the original mining plan and the production details. Otherwise, it will be extension or new EC based on new mining plan/scheme of mining and will not come under the purview of revalidation. **Considering the direction of the SEIAA, the Committee decided to recommended revalidation of EC for 20 years (as per the life of mine given in the original mine plan) from the date of Original EC after obtaining NOC from the Irrigation Department in compliance with Section 40(2) of the Kerala Irrigation and Water Conservation Act, 2003 as ordered by the Hon'ble High Court of Kerala in WP(C) No. 30737 of 2022 and 4655 of 2024 dated 19-04- 2024. The following Specific Conditions, in addition to the General Conditions, may be stipulated while issuing EC:**

1. All the specific conditions stipulated in the original EC dated 16.11.2017 shall form part of this EC as well.
2. Depth of mining should be limited to confine the mining to the terrain slope and prevent formation of mine pit to avoid water impoundment in the sloping terrain.
3. The natural drain in and around the proposed area should be preserved and drainage should be allowed without any hindrance.
4. The non-compliance, if any, reported in the CCR should be rectified within 6 months and the rectification report should be uploaded along with the HYCR.
5. A buffer distance of 100m should be maintained between the project boundary and all the built structures near the proposed site.
6. A temporary wall of 5m height should be provided at appropriate locations prior to the commencement of mining to avoid disturbance and nuisance to the nearby residences and other built structures.
7. The green belt should be initiated prior to the commencement of mining using indigenous species.
8. Compensatory afforestation should be done prior to the commencement of mining, by planting local species of trees in the land owned by the proponent, at the lower portion of the proposed site.
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. 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 maximum charge per delay prior to the commencement of mining by engaging an institution of national repute. The vibration monitoring should be done periodically and it should be included in the Half Yearly Compliance Report.
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 two years of the EC period 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. 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).
17. 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.
18. 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).
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. dump plan
22. Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.
23. Adequate facilities should be adopted to harvest the rainwater as per the guidelines issued by the Central Groundwater Authority.

PARIVESH FILES (Ver-2)

PART-1

Item No.01 **Reappraisal of Environmental Clearance for the Granite Building Stone Quarry of Sri. Bijulal D, for an area of 2.4113 Ha at Re-Survey Block No.4, Re-Survey Nos. 199/11-2, 200/2, 200/4, 200/5 in Pattazhy Village, Pathanapuram Taluk, Kollam District. (SIA/KL/MIN/459288/2024)**

As invited the Project Proponent, Sri. Bijulal D and the RQP Sri. VK Roy were present. The RQP made the presentation. The Committee noted that the DEIAA, Kollam rejected environmental clearance to the proposal in the past, due to the objections raised by Pattazhy Grama Panchayath and Kerala Water Authority stating that quarrying can damage the water tank and treatment plant situated adjacent to the proposed quarry. Subsequently, the Applicant obtained NOC from the Executive Engineer, KWA for quarrying operations without causing damage to the water tank or water purification plant. The Hon'ble High court judgment WA no 496 of 2013 directed the project proponent to obtain prior environment clearance from SEIAA. The proponent also obtained a NGT order which directed SEIAA to consider the application of proponent afresh and pass appropriate orders in accordance with

law. The Committee observed that the total mineable reserve is reported as 5,75,430 MT for a mine life of 5 years as per the Mining Plan. The elevation of the area varied between 165 m AMSL 80m AMSL. The depth to water table is 6m below ground level at 66 m AMSL. **Based on discussion, the Committee decided to recommend EC for 5 years subject to following Specific Conditions in addition to the General Conditions.**

1. Depth of mining should be limited to 76m above MSL considering the depth to water table.
2. A buffer of 200m should be maintained between the water tank and the project boundary at BP5 as per the order No. G.O(Ms) No. 6/2025/WRD dated 20.01.2025.
3. Blasting for mining should be in strict compliance to the recommendations provided in the study report of NIT, Karnataka.
4. The green belt should be initiated prior to the commencement of mining using indigenous species.
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. Overburden should be stored at the designed place and gabion wall should be provided for the topsoil and overburden storage sites
9. The impact of vibration due to blasting on the houses and other built structures within 200m distance from the project boundary should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay prior to the commencement of mining by engaging an institution of national repute. The vibration monitoring should be done periodically and it should be included in the Half Yearly Compliance Report.
10. A temporary wall of 5m height should be erected at appropriate locations on the boundary to avoid disturbance and nuisance to the nearby residents.
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 two years of the EC period 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. 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).
15. 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.

16. 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).
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. dump plan
20. Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.
21. Adequate facilities should be adopted to harvest the rainwater as per the guidelines issued by the Central Groundwater Authority.

Item No.02 Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Gopinathan, for an area of 2.1205 Ha at Block No : 26 Re- Survey Nos: 354/6-1, 7, 8, & 355/6, 7 in Muthuthala Village, Pattambi Taluk, Palakkad District. (SIA/KL/MIN/488725/2024)

As invited the Project Proponent, Sri. Gopinathan and the Consultant, Sri. Haneesh KR were present. The Consultant made the presentation. It is observed that the site is located on the slope of a hill with elevation varying from 140 to 100 m AMSL. The depth to water table is 9m below ground level. The PP obtained NOC from the Irrigation Department, Palakkad vide order dated 04.12.2024 for a period of 1 year. **Based on discussion, the Committee decided to defer the item for field inspection and report. The Committee also noted the following shortcomings.**

1. Revised EMP prepared by a NABET accredited Consultant considering site-specific impact and mitigation measures of the all the projects within the cluster
2. Revised compensatory afforestation plan as the proposed area is seen vegetated.

Item No.03 Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Arif for an area of 2.3045 Ha in Un-surveyed Land in Kurumbalangode Village, Nilambur Taluk, Malappuram – Presentation (Old Proposal No. SIA/KL/MIN/277649/2022, Old File No. 2105/EC6/2022/SEIAA); (New proposal No. SIA/KL/MIN/492255/2024)

As invited the Project Proponent, Sri. Arif and the RQP VK Roy were present. The RQP made the presentation. As per the presentation, the Tahsildar, Nilambur has issued a Certificate No. TLKNBR/1747/2022-B5 dated 26/12/2023 which states that the proposed area does not fall in plot with Sy. Nos marked as ESA as per the cadastral map published in the website of KSBB. The same is also marked in the certified Cadastral map certified by the Village Officer and endorsed by the Tehsildar. The site is near an environmentally fragile

area with a moderate hazard zone at a distance of 143m. **Based on discussion, the Committee decided to defer the item for field inspection and report. The Committee also noted the following shortcomings.**

1. EMP prepared by a NABET accredited consultant.
2. NOC from the Irrigation Department in compliance with Section 40(2) of the Kerala Irrigation and Water Conservation Act, 2003 as ordered by the Hon'ble High Court of Kerala in WP(C) No. 30737 of 2022 and 4655 of 2024 dated 19.04. 2024.
3. Depth to water table below ground level in the nearest dug well along with geotagged photograph of the well, distance from the project boundary and site elevation

Item No.04 Reappraisal of the Environment Clearance from DEIAA for the Granite Building Stone Quarry project 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. (Proposal No. SIA/KL/MIN/494061/2024)

As invited the Project Proponent Sri. V. Somasekharan Nair, Consultant Smt. Ananthitha from Ultratech and RQP Sri. VK Roy were present. The Consultant made the presentation. The nearest house is at 68m and the depth to water table is 10m below ground level. After hearing the presentation, it is observed that the area consists of large number of quarries within the impact zone and 2 other major quarries within the Cluster. In these circumstances, it is desirable to take a decision after field verification. **Therefore, the Committee differed the item for conducting field inspection and evaluation of the EIA report.**

Item No.05 Environmental Clearance for the Granite Building Stone Quarry Project of Sri. O.P Muhammed Basheer, Managing director, Bestonne Granite Metals Pvt. Ltd., for an area of 3.9924 Ha at Block No. 16 Survey Nos. 4, Re. Survey No 490/10, 490/9, 490/7, 490/8, 490/3, 478/9, 478/3, 479/1 & 480/7, in Kuzhalmannam I Village, Alathur Taluk, Palakkad District. (SIA/KL/MIN/483460/2024)

As invited, an authorised person Sri. Jefrin Pauly and the Consultant, Sri. Haneesh KR were present. The Consultant made the presentation. As per the Cluster Certificate dated 10.01.2025, the following 3 quarries are found within 500m radius.

1. Quarry Sri OP Muhammed Rasheed with an extent of 0.9947 Ha and the mine closure plan submitted on 09.12.2024.
2. Quarry of Sri. V Sasidharan for an area of 0.6530 Ha (Validity expired, currently not working).
3. Quarry of Mr. K.V. Radhakrishnan for an area of 0.5706 Ha (Letter of Indent issued on 28/03/2018. Statutory licenses not submitted till date)

Since the total area of the quarries within 500m radius is more than 5Ha and the area within the cluster is found environmentally very fragile, the Committee decided that it is necessary to conduct EIA study and public consultation as per the EIA Notification 2006 for which the Proponent has to apply for ToR. In the circumstance, the Committee decided to recommend rejection of the proposal.

Item No.06 **Environmental Clearance for the proposed Residential project to be developed by M/s Sobha Contracting Pvt. Ltd. of Sri . Venugopal V.G, Authorized Signatory at Re-Survey Nos. 128/2, 128/18-2, 128/19-2, in Cheruvakkal Village, Thiruvananthapuram Taluk, Thiruvananthapuram District. (SIA/KL/INFRA2/487184/2024)**

As invited the Project Proponent, Sri. Venugopal V.G and the Consultant, Sri. Jomon. M.C. of M/s Environmental Engineers & Consultants Pvt. Ltd. were present. The Consultant initiated the presentation. As per the application, the total built-up area is 34,771.48 sq. m for 120 apartments in a proposed plot area of 0.8024 Ha. However, during the presentation, the PP requested to change the built-up area to 38,620.6 sq.m and the no. of dwelling units to 118 nos. Consequently, there will be change in the FAR area, ground coverage, no. of parking and excavation of the quantity of ordinary earth, resources requirements etc. **As there is contradiction in the built-up area given in the application uploaded and requested in the presentation, the PP agreed to apply afresh as the Form -1 forms part of the EC. Therefore, the Committee recommended rejection of the application.**

Item No.07 **Environmental Clearance for the Expansion of the existing Hospital project to be developed by M/s The Lifeline Multi Speciality Hospital at Re-Sy. Nos. 201/1, 201/10, 201/10-2, 201/11, 201/1-1, 201/11-2, 201/16, 201/17, 201/21, 201/2, 201/23, 201/24, 201/25, 201/27, 201/7, 206/18, 208/15-2, 201/28, 200/8-1, 200/8-2, 208/5-1, 208/7, 208/4-4, 200/21, 208/5, 200/8, 208/4, 200/13, 200/7, 201/6-1, 201/9, 201/9-2, 201/2-1, 201/2-1, 207/7-2, 208/4-2, 208/4-3, 209/7, 200/19, 208/10, 201/29-1, 201/15, 201/6-2, 208/14, 208/15-2, 201/10-3, 201/8, 206/13, in Peringanadu Village, Pallickal Grama Panchayat, Adoor Taluk, Pathanamthitta. (SIA/KL/INFRA2/496346/2024)**

As invited, an authorised person Dr George Chackacherry and the Consultant, Sri. Jomon. M.C, M/s Environmental Engineers & Consultants Pvt. Ltd. were present. The consultant made the presentation. **After hearing the presentation, the Committee decided to defer the item for field inspection and report. The Committee also noted the following shortcomings.**

1. Clarification regarding the building constructed prior and after 2006 with age certificate from the concerned authority.
2. Revised CER with details of proposed activities as per the guideline published in the website of SEIAA.
3. NOC from the KWA for the supply of drinking water.

Item No.08 **Environmental Clearance for the Proposed Granite Building Stone Quarry of Sri. Abraham Augustine in Re-Sy No. 157/2pt, 157/3pt, 157/4pt & 158/2-1pt (private land) at Alakode Village, Thodupuzha Taluk, Idukki. (SIA/KL/MIN/490987/2024)**

As invited the Project Proponent, Sri. Abraham Augustine, the Consultant Smt. Ananthitha from Ultratech and RQP Sri. VK Roy were present. The Consultant made the presentation. As per the presentation, the ground water table is given as 3 m below ground level. The total mineable reserve is reported as 2,86,832.5 T for a mine life of 7 years. The elevation of the area varies between 170m to 128m AMSL. The Compensatory afforestation plan provided will be implemented through Social Forestry Range, Thodupuzha, but the suitable place with geo-tagged photographs is not submitted. The CER proposal provided does not address the activities in detail. **After hearing the presentation, the Committee decided to defer the item for conducting field inspection and evaluation of EIA report.**

Item No.09 **Environmental Clearance for the Granite Building Stone Quarry Project of Smt. Omana P for an area of 0.9800 Ha at Block No.30, Re Sy. No. 149/2, 150/3, 150/6 in Kilimanoor Village, Chirayinkeezhu Taluk, Thiruvananthapuram District.(SIA/KL/MIN/491573/2024)**

As invited, an authorised person Sri. Ajithkumar. S and the RQP VK Roy were present. The RQP made the presentation. As per the drone video, the Project Proponent showed the proof for demolished built structures within 50m radius from the project site. As per the application, the total mineable reserve proposed is 1,98,350 MT for a mine life of 3 years. The depth to water table is recorded as 7m below ground level at 77m AMSL. The elevation of the area varies between 125m AMSL to 90m AMSL. The PP obtained NOC from the Executive Engineer, Irrigation Dept., Thiruvananthapuram dated 04.01.2025 for conducting quarrying activities by protected blasting. **Based on discussion, the Committee decided to recommend EC for 3 years subject to following Specific Conditions in addition to the General Conditions.**

1. Depth of mining should be limited to the ground level at 90m above MSL as it is not desirable to develop a quarry pit considering the terrain slope
2. The green belt should be initiated prior to the commencement of mining using indigenous species.
3. 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.
4. Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain should be provided prior to the commencement of mining.
5. Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration

6. Overburden should be stored at the designed place and gabion wall should be provided for the topsoil and overburden storage sites
7. The impact of vibration due to blasting on the houses and other built structures within 200m distance from the project boundary should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay prior to the commencement of mining by engaging an institution of national repute. The vibration monitoring should be done periodically and it should be included in the Half Yearly Compliance Report.
8. A temporary wall of 5m height should be erected at appropriate locations on the boundary to avoid disturbance and nuisance to the nearby residents.
9. Geotagged photographs of the progress of compensatory afforestation should be submitted along with HYCR
10. Implementation of CER Plan should be done during the first two years of the EC period and its operation and maintenance should be done till the completion of mine closure plan.
11. The haulage road should be provided with sprinkling facility to prevent dust pollution.
12. 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).
13. 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.
14. 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).
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. dump plan
18. Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.
19. Adequate facilities should be adopted to harvest the rainwater as per the guidelines issued by the Central Groundwater Authority.

Item No.10 Environmental Clearance for the 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. (SIA/KL/MIN/502028/2024)

As invited, an authorised person Genoy Stephen and the Consultant Vikas Thripadhi from M/s. Parivesh Environmental Engineering Services were present. The Consultant made the presentation. The ground water table of the area is given as 3.2m to 4.9m below ground level. The Proponent presented the proof of application submitted for Wildlife Clearance vide

proposal No. FP/KL/QRY/6192/2022 as the Thattekkadu Bird Sanctuary is located at a distance of 3.29 km from the site. **After hearing the presentation, the Committee decided to defer the item for conducting field inspection and evaluation of EIA report .**

Item No.11 **Environmental Clearance for the Expansion of the existing Hospital cum Medical College Campus (Medical College, Nursing College, Multispecialty Hospital with Tertiary care Center) project of Sri. Joy. P. Jacob, Secretary, M/s The Malankara Orthodox Syrian Church at Sy. Nos. 129/6-2, 129/10, 129/11-2, 135/2, 135/3, 135/3-2, 135/4, 134/1-5, 134/1-6, 134/1-7, 135/5 in Aikarnad North Village and Sy. Nos. 24/1-2-9, 24/1-2-10, 24/5-1-2 in Aikarnad Grama Panchayat, Aikarnad South Village, Kunnathunad Taluk, Ernakulam. (SIA/KL/INFRA2/479309/2024)**

The Committee examined the proposal and discussed the Field Inspection report conducted on 23.01.2025. **The Committee noted the following salient aspects in the field.**

- a) The existing hospital was established in 1970. The total number of beds is 1,110.
- b) After the proposed expansion another 310 beds will be added.
- c) The existing STP with a capacity of 1200 KLD is maintained well.
- d) Two multi-level car parking facilities are proposed as part of the expansion.
- e) The canteen and premises are well maintained without any debris.

Based on discussion, the Committee decided to direct the Proponent to submit the following clarification/additional documents for further appraisal of the application.

- 1) As the EC is sought only for construction after 2006, provide justification for not including construction prior to 2006 for EC for the expansion project.
- 2) Detailed explanation regarding the applicability of 1994 and 2004 EIA Notifications for the existing buildings and how that has been addressed in the application and the documents submitted.
- 3) Green belt development plan
- 4) Revised CER as per the OM dated 30th Sept 2020 and as per the guidelines uploaded in the SEIAA website.
 - a) Provide complete details to prove that the proposed medical aid activities are in addition to the ongoing activities.
 - b) Proposal for activities as mentioned in OM, other than medical aid, beneficial to the local community
- 5) Revised drainage plan

Item No.12 **Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Shibu Mathew, (M/s Rockfield Estates Private Limited), for an area of 3.9206 Ha at Block No. 40, Re-Survey 162/11, 162/12, 163/1, 163/2, 163/3, 163/8 of Pampady Village, Pampady GP, Kottayam Taluk, Kottayam (SIA/KL/MIN/470219/2024)**

The Committee examined the proposal and discussed the Field Inspection report conducted on 15.01.2025. **The Committee noted the following salient aspects in the field.**

- 1) All the built structures within 50m were demolished
- 2) The lowest bench proposed is at 60m above MSL
- 3) The lowest bench should be limited to the level of nearby old quarry pit, i.e. 65m above MSL.
- 4) An EC issued project site named SSC (SIA/KL/MIN/417759/2023) is situated within 500m
- 5) As per the cluster certificate the nearby quarry is closed. The details are showed in the cluster certificate dated 12.04.2024.

After discussing the field observations, the Committee noted the following specific conditions may be considered if and when the EC is issuing.

- a) Temporary covered fencing of 5 m height with along the boundary to prevent nuisance to the nearby population.
- b) Mining should be limited to 65m AMSL.

Based on discussion, the Committee decided to direct the Proponent to submit the following clarification/additional documents for further appraisal of the application.

- 1) NOC from the Irrigation Department in compliance with Section 40(2) of the Kerala Irrigation and Water Conservation Act, 2003 as ordered by the Hon'ble High Court of Kerala in WP(C) No. 30737 of 2022 and 4655 of 2024 dated 19.04. 2024.
- 2) Mine closure details of the nearby quarry.
- 3) Revised CER considering the water requirement of the Erumathala SC settlement.
- 4) Comprehensive EMP considering the EC obtained quarry SSC projects (SIA/KL/MIN/417759/2023)

Item No.13 **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 examined the proposal and discussed the Field Inspection report conducted on 15.01.2025. The Committee also noted a complaint filed by the Vincent Augustine, Joseph Augustine and Abu Vincent vide letter received on 16.12.2024 against the proposed quarry. The Complaint alleged that the name Vincent Augustine is wrongly represented in the location sketch issued by the Tahsildar, Meenachil. The only access to the Complainant's land is through the quarry site, as the predecessors are using the pathway for last 50 years. The Complainant Sri. Vincent Augustine also applied for a building permit adjacent to the proposed site. The Committee also noted the WP(C) No. 45882/2024 filed by Sri. Vincent

Augustine, and WP(C) No. 45902 of 2024 filed by Sri. V. A. Mathew before the Hon'ble High Court of Kerala. **The Committee noted the following salient aspects in the field.**

1. Site is on top of a hill
2. It is desirable to limit the mining to the lowest elevation and avoid formation of any mine void
3. Proper fencing and trenches shall be there for boulder management
4. Road to the site is developed
5. OB dump site has to be shifted from elevated area to lower areas
6. ADS submitted are satisfactory. But NOC from irrigation department has not been submitted. A complaint received about the site relates to land issues and does not raise any environmental concerns.
7. The CER activity proposed was to construct a conference hall at CHC, Ullanad. However, on enquiry by the subcommittee, the Medical Officer informed that the CHC no longer requires this facility.

After discussing the field observations, the Committee noted the following specific conditions may be considered if and when the EC is issuing.

1. Boulder management plan should be implemented as per the EMP.
2. Formation of mine void should be avoided by limiting the depth of mining.
3. OB dump should be protected with retaining walls with weep holes.

Based on discussion, the Committee decided to direct the Proponent to submit the following clarification/additional documents for further appraisal of the application.

1. NOC from the Irrigation Department in compliance with Section 40(2) of the Kerala Irrigation and Water Conservation Act, 2003 as ordered by the Hon'ble High Court of Kerala in WP(C) No. 30737 of 2022 and 4655 of 2024 dated 19.04. 2024.
2. Detailed boulder management plan
3. Modified OB dump plan.
4. Drainage plan showing the location, number and size of settling ponds and the linkage to natural drain.
5. Plan to minimize the impact on the downward areas near BP5 to BP8.
6. Fresh CER proposal.
7. Response to the averments raised in the Complaint received.
8. Response to the WP(C) No. 45882/2024 and WP(C) No. 45902 before the Hon'ble High Court of Kerala.

Item No.14 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 District. (SIA/KL/MIN/476101/2024)

The Committee examined the proposal and discussed the Field Inspection report conducted on 15.01.2025. The Project Proponent obtained NOC from Irrigation department dated

03.09.2024 and it is not found satisfactory. The Committee also noted a complaint filed by Sri. Shaji TV vide dated 23.12.2024, regarding the conversion of forest land and also informed that several trees in the site are removed by project proponent for implementing the Project. **The Committee noted the following salient aspects in the field.**

1. Road to the site needs appropriate development
2. Own shed at 9m distance is demolished
3. One complaint received on type of land was examined– it is found that the land is not a forest area and is a rubber cultivated area.

Based on discussion, the Committee decided to direct the Proponent to submit the following clarification/additional documents for further appraisal of the application.

- a) NOC from the Irrigation Department in compliance with Section 40(2) of the Kerala Irrigation and Water Conservation Act, 2003 as ordered by the Hon'ble High Court of Kerala in WP(C) No. 30737 of 2022 and 4655 of 2024 dated 19.04. 2024.
- b) Soil thickness and profile across and along the project area.
- c) Road development plan.
- d) Modified CER plan incorporating the basic facilities for the proposed Samskarika Nilayam.
- e) Boulder management plan.
- f) Response to the averments raised in the Complaint of Sri. Shaji TV

Item No.15 Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Saji Abraham for an area of 0.8212 Ha at Block No.1, Sy. No. 533/1-4, 533/1-5 in Manjalloor Village, Muvattupuzha Taluk Ernakulam (SIA/KL/MIN/495489/2024)

As invited the Project Proponent, Sri. Saji Abraham and the RQP C Balaraman were present. The RQP made the presentation. As per the application, the total mineable reserve is 1,70,463 MT and life of mine is 2 years. The elevation of the proposed area varies between 64m RL and 96m RL. The depth to water table is provided as 10m below ground level. The PP intimated that the built structures present within 50m radius from the project boundary were demolished. **Based on discussion, the Committee decided to recommend EC for 2 years subject to (i) submission of NOC from the Irrigation Department in compliance with Section 40(2) of the Kerala Irrigation and Water Conservation Act, 2003 as ordered by the Hon'ble High Court of Kerala in WP(C) No. 30737 of 2022 and 4655 of 2024 dated 19.04. 2024 and (ii) the following Specific Conditions in addition to the General Conditions after.**

1. Depth of mining should be limited to 56m above MSL considering the depth to water table.
2. Temporary wall of 5m height should be provided along the boundary connecting BP5 and BP6 considering the nearness of the road.
3. On completion of the mining activity, a permanent protective wall should be provided to the mine pit formed along the boundary adjacent to the road
4. The green belt should be initiated prior to the commencement of mining using indigenous species.

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. Overburden should be stored at the designed place and gabion wall should be provided for the topsoil and overburden storage sites
9. The impact of vibration due to blasting on the houses and other built structures within 200m distance from the project boundary should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay prior to the commencement of mining by engaging an institution of national repute. The vibration monitoring should be done periodically and it should be included in the Half Yearly Compliance Report.
10. A temporary wall of 5m height should be erected at appropriate locations on the boundary to avoid disturbance and nuisance to the nearby residents.
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 two years of the EC period 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. 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).
15. 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.
16. 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).
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. dump plan
20. Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.
21. Adequate facilities should be adopted to harvest the rainwater as per the guidelines issued by the Central Groundwater Authority.

Item No.16 **Environmental Clearance for the proposed Residential project to be developed by M/s Kalyan Developers at Sy. Nos. 134/4, 137/1, 138/1, 138/4, 138/5, 138/6 & 3169 in Thrissur Village, Thrissur Municipal Corporation, Thrissur Taluk & Thrissur District (SIA/KL/INFRA2/482367/2024)**

The Project Proponent was invited with prior intimation for a presentation as per the decision of the 175th SEAC meeting. The Project Proponent vide letter dated 10.02.2025, requested to defer the presentation of the Proposal as they are not able to attend the meeting. **Considering the request of the Project Proponent, the Committee decided to defer the presentation to next meeting by giving one more chance to present the Proposal.**

Item No.17 **Environmental Clearance for the Granite Building Stone Quarry project of Sri. Nadukkanchira Abdulkasim, Designated Partner, M/S Cruston Aggregates LLP for an area of 0.9995 Ha at Survey Nos. 418/1-2, 418/2-1, 418/3-1, 418/3-2, 418/4, 418/5, 418/6, 418/7 in Kulukkallur Village, Pattambi Taluk, Palakkad. (SIA/KL/MIN/464787/2024)**

The Committee examined the proposal as directed by the 150th SEIAA meeting and discussed it in detail. As per the Cluster Certificate dated 29.01.2024, there are two quarries found within the cluster of 500m radius. **Based on discussion, the Committee decided to direct the Project Proponent to submit the following additional documents.**

1. Regional EMP prepared by a NABET Accredited Consultant, by considering the adjacent quarries within 500m radius of the proposed site.
2. NOC from Irrigation Department in compliance with Section 40(2) of the Kerala Irrigation and Water Conservation Act, 2003 as ordered by the Hon'ble High Court of Kerala in WP(C) No. 30737 of 2022 and 4655 of 2024 dated 19.04. 2024.

Item No.18 **Environmental Clearance for the Granite Building Stone Quarry of Sri. Unnikrishnan. K for an area of 0.6067 Ha at Re-Survey No. 186/1,3,5 in Thachanattukkara-II Village, Mannarkkad Taluk, Palakkad District. (SIA/KL/MIN/468658/2024)**

The Committee examined the proposal in detail as directed by the 150th SEIAA meeting and discussed it in detail. The Committee also examined the reconsideration letter dated 15.11.2024 submitted by the Project Proponent. The Project Proponent clarified that the mineable reserve proposed is 1,09,285 MT for a mine life of 3 years. The ultimate pit level proposed is 30m AMSL and the elevation of the area varies between 55m AMSL to 44m AMSL. The letter also stated that the mining plan is prepared by considering the depth to water table and the development plan suggests only 4 benches. The Committee observed that that the project is proposed on top of an isolated hillock and developing a mine pit up to the proposed depth is not desirable. **In these Circumstances, the Committee decided to adhere**

to the earlier decision taken in the 172nd SEAC meeting to reject the proposal by invoking the precautionary principle.

Item No.19 **Environmental Clearance for the Granite Building Stone quarry project of Sri. Vinu Mani, Managing Partner, M/s. Paramount Granites at Sy. Nos. 223 pt, 223/2, 223/6 pt, 118/14 pt, & 118/15 in Vandazhi - I Village, Alathur Taluk, Palakkad (Old Proposal No. SIA/KL/MIN/308007/2024, 664/SEIAA/EC1/5179/2014) (New Proposal No. SIA/KL/MIN/482844/2024)**

The Committee examined the proposal in detail. The project was issued EC No. 664/SEIAA/EC1/5179/2014 dated 18.8.2017 for 5 years. Subsequently, the PP submitted application for revalidation on 6.4.2022. The 164th SEAC meeting recommended issuance of EC. As required due to technical reasons with respect to Parivesh portal, the PP was directed to upload the application along with all details online. The uploaded Cluster Certificate from the M&G Department dated 06.09.2024, stated that there are 3 quarries within 500m radius; the Quarry of M/s Peejay Granites (4.7664 Ha.(Working)), Quarry of M/s. Prakash (0.9712Ha. (Permit expired)) and M/s TMT Granites (5.0116 Ha (Working)) and hence the total area of mine within the cluster is more than 5 Ha. As per the EIA notification, the cluster condition warrants EIA study and Public Consultation. During the earlier appraisal process, the PP had submitted a cluster certificate from the Village officer stating that there is a quarry within 500 m radius, but the areal extent of the quarry was not mentioned in it and there was an inadvertent error from the part of the SEAC in judging the cluster condition earlier during the 164th meeting of the SEAC. **Therefore, the Committee decided to place the matter before the Authority for directing the PP to apply for ToR as per the provision of EIA notification.**

Item No.20 **Environmental Clearance for the Granite Building Stone Quarry of Sri. Jaison Jacob, Managing Director, M/s. VJJ Infrastructure Private Limited. for an area of 0.9965 Ha. at Block No. 30, Re-Sy. No. 429/1 in Kadanad Village, Meenachil Taluk, Kottayam (SIA/KL/MIN/474394/2024)**

The Committee examined the proposal as directed by the 150th SEIAA meeting and discussed it in detail. The Committee considered the reconsideration letter of the Project Proponent submitted vide letter dated 27.12.2024. The Project Proponent requested a field inspection before any final decision is made. Additionally, the Project Director, NHAI, in a letter dated 26.12.2024, stated that the mined material is intended for the development of the Paravoor-Kottukulangara Highway (NH-66). **Based on discussion, the Committee decided the to defer the item for field inspection and report.**

Item No.21 Reappraisal of Environment Clearance from DEIAA for the Granite Building Stone Quarry of Shri. P. M. Abdul Rahiman for an area of 3.2420 Ha. at Sy. No: 428/pt in Thayannur Village, Vellarikundu Taluk, Kasaragod. (Proposal No. SIA/KL/MIN/448887/2023)

The Committee examined the proposal as directed by the 150th SEIAA meeting and discussed it in detail. The Committee also noted the letter of the Project Proponent dated 11.11.2024, requesting exemption from ToR for EIA study as there is an EIA study conducted for the cluster by M/s. Perattur Rocks (SIA/KL/MIN/438095/2023) in which the details pertaining to his quarry is also included. The PP claimed that the EIA report/EMP covered all the essential environmental details by considering the Core Zone, Extended Zone, and Buffer Zone. The Committee examined the EIA report prepared by the accredited EIA consultant for M/s. Perattur rocks and observed that all the projects including this one are described in the report and the activities of the projects are considered while assessing the environmental impacts. However, the EMP is prepared only based on the mitigation measures applicable to the project of M/s. Perattur Rocks and the CER applicable to it. M/s. Perattur Rocks submitted an affidavit signed by the Proponents of the three projects falling in the cluster which incorporated a Project EMP describing the environment management measures pertaining to the project of M/s. Perattur Rocks and a Cluster EMP describing certain management measures applicable to the projects in the cluster. The Cluster EMP is found sketchy and need revision. The EIA report also does not address the Environmental Monitoring Plan and Risk Assessment Plan pertaining to the other two projects in the cluster. The Cluster EMP also does not describe the responsibility sharing. **In the circumstance, the Committee decided to recommend to direct the Project Proponent to submit a detailed Regional EMP applicable to the entire cluster incorporating the mitigation measures, environmental monitoring requirements, risk management measures and CER applicable for his projects, in particular and cluster projects, in general, along with detailed responsibility mapping for implementation of the Regional EMP.**

The Committee scrutinized the application submitted by the PP and observed that the PP has submitted Mine Plan dated 18.1.2018, Scheme of Mining dated 6.3.2023, Baseline monitoring data of November 2023, Survey Map dated 7.8.2024, Cluster Certificated dated 23.7.2024, Certified Compliance Report dated 5.2.2024, HYCR pertaining to Oct 23 to Mar 24, EMP, Valid Mine Lease Document, DSR and the DEIAA EC dated 5.7.2018. The Committee noted that the PP has not submitted all the applicable documents required for the appraisal, such as the PFR, details of ecologically sensitive zones, details of Schedule I species, if any, compliance of Hon. Supreme Court judgement dated 2.8.2017 and Proposal for re-grassing in compliance to the direction of Hon. Supreme Court dated 8.1.2020. **In the circumstance, the Committee is unable to reappraise the project and recommended rejection for applying afresh with all the required documents**

Item No.22 **Environmental Clearance for the Ordinary Earth Removal Project of Sri. Suresh K.K for an area of 0.5722 Ha (57.22 Ares) at Block No. 32, Re- Sy No. 383/13-1, 384/9-2-2, 384/13-2-2, 384/10, 384/22, 384/23 in Mazhuvannoor Village, Kunnathunad Taluk, Ernakulam. (Refer back from 150th SEIAA) (SIA/KL/MIN/469574/2024)**

The Committee examined the proposal as directed by the 150th SEIAA meeting and discussed it in detail. The Committee noted the representation submitted by the Project Proponent vide letter dated 23.11.2024 requesting reconsideration of the proposal along with revised production plan. As per the revised production plan, considering the close proximity of houses, a buffer of 50m from the houses near to the site is proposed and the excavation is limited up to 68m RL. The total quantity of ordinary earth proposed to be extracted is 27,727 m³. **The Committee observed that the mining is feasible only up to 6.5m below ground level considering the depth to water table at 8.5m bgl. Since the site is proposed on top of a hillock and considering the risk to the nearby population and environmental impacts to the nearby areas, the Committee decided to reject the application invoking Precautionary Principle.**

Item No.23 **Environmental Clearance issued to the Granite Building Stone Quarry Project at Survey Nos. 147/2 (pt), 149/1(pt), 149/2 (pt), 150/1, 150/3(pt), 151/1(pt) & 151/2(pt) in Urangattiri Village, Ernad Taluk, Malappuram – Validity Extension of EC – Refer back from 151st SEIAA- Reg (Old File No. 1021/EC1/001/SEIAA/2016) (New Proposal No. SIA/KL/MIN/496969/2024)**

The Committee examined the proposal as directed by the 151th SEIAA meeting and discussed it in detail. As per the cluster certificate dated 27.04.2022, the following three authorized quarries situated within a 500-meter radius indicate a cluster situation: (i) Quarry of Sri. Jyothish Kumar with an area of 1.4075 ha; (ii) Quarry of M/s Malabar Bricks & Metals with an area of 2.3978 ha; (iii) Quarry of Azad M.M. with an area of 4.8522 ha. Additionally, the Authority observed that the project area is located in a moderate hazard zone and that the Project Proponent has not submitted the NOC from the District Level Crisis Management Group. The Committee considered the direction of SEIAA and noted the cluster condition and the medium landslide susceptibility of the area and desirability of an Environmental Impact Assessment (EIA) study and evaluation of the carrying capacity of the region. Therefore, based on discussion, **the Committee decided to recommend rejection of the proposal for facilitating the submission of application for ToR for conducting EIA study and Public Consultation.**

PARIVESH FILES (Ver-2)

PART-2

Item No.01 **Environmental Clearance for the Laterite Building Stone Quarry Project of Sri. Abdul Vahab, for an area of 0.5761 Ha at in Block No.038, Re-Survey No. 173/221 of Vellora Village, Payyannur Taluk, Kannur. (SIA/KL/MIN/496533/2024)**

The Committee scrutinized the proposal and discussed it in detail. **Based on discussion, the Committee decided to invite the Proponent for a presentation. The PPT shall be uploaded to the Parivesh portal and shall also address the following shortcomings.**

1. Revised EMP.
2. Biodiversity details.
3. Drone video of the project site and surrounding areas.

Item No.02 **Environmental Clearance for the Laterite Building Stone Quarry Project of Sri. Sharafudheen S. V., for an area of 0.8731 Ha at Block No:43, Re-Survey No:101/208, 101/215 of Panappuzha Village, Payyannur Taluk, Kannur. (SIA/KL/MIN/498011/2024)**

The Committee scrutinized the proposal and discussed it in detail. **Based on discussion, the Committee decided to invite the Proponent for a presentation. The PPT shall be uploaded to the Parivesh portal and shall address the following shortcomings.**

1. Revised EMP.
2. Drone video of the project site and surrounding areas.

Item No.03 **Environmental Clearance for the Laterite Building Stone Quarry Project of Sri. T V Ramesan, for an area of 0.6340 Ha at Block No:146, Re-Survey Nos:217/400, 217/401, 217/402, 217/403 of Kadannapalli Village, Payyannur Taluk, Kannur. (SIA/KL/MIN/503650/2024)**

The Committee scrutinized the proposal and discussed it in detail. **Based on discussion, the Committee decided to invite the Proponent for a presentation. The PPT shall be uploaded to the Parivesh portal and shall address the following shortcomings.**

1. Revised site-specific EMP.
2. Drone video of the project site and surrounding areas.

Item No.04 **Environmental Clearance for the Laterite Building Stone Quarry Project of Sri. Muhammed T.I, for an area of 0.9881 Ha at Block No.30, Re-Survey No. 675, 674/103, 674/105, 674/106, Eramam-Village, Payyannur-Taluk, Kannur. (SIA/KL/MIN/491889/2024)**

The Committee scrutinized the proposal and discussed it in detail. **Based on discussion, the Committee decided to invite the Proponent for a presentation. The PPT shall be uploaded to the Parivesh portal and shall address following shortcomings.**

1. Revised site-specific EMP.
2. Biodiversity details.
3. Vertical section photographs from nearby quarries.
4. Drainage plan.
5. Drone video of the project site and surrounding areas.

Item No.05 **Environmental Clearance for the Laterite (Building Stone) of Sri. Sri. Joshy A. T. for an area of 0.1619 Ha situated in Block no: 84 Re-Survey Nos. 1/2648, of Payyavoor Village, Taliparamba Taluk, Kannur. (SIA/KL/MIN/503783/2024)**

The Committee scrutinized the proposal and discussed it in detail. **Based on discussion, the Committee decided to invite the Proponent for a presentation. The PPT shall be uploaded to the Parivesh portal and shall address the following shortcomings.**

1. Drone video of the project site and surrounding areas.

Item No.06 **Environmental Clearance for the Laterite (Building Stone) Quarry project of Sri. Vijesh A for an area of 0.0972 Ha in Block No:90, Re-Survey Nos:11/1281 of Kalliyad Village, Iritty Taluk, Kannur. (SIA/KL/MIN/503810/2024)**

The Committee scrutinized the proposal and discussed it in detail. As per the mining plan, quantity proposed for mining is 13,365 MT for a mine life of 1 year. The elevation of the area varies between 193m to 191m AMSL. The depth to water table is provided as 6m below ground level at 183m AMSL. Considering the depth to water table, it is desirable to limit the depth of mining to 4m below ground level. **Based on discussion, the Committee decided to invite the Proponent for a presentation. The PPT shall be uploaded to the Parivesh portal and shall address the following shortcomings.**

1. Drone video of the project site and surrounding areas.

Item No.07 **Environmental Clearance for the Granite Building Stone Quarry Project of Sri. P M Purushothaman, Managing Director, PAS Aggregates Private Limited for an area of 0.9644 Ha at Re. Survey No. 369/8, 369/9 in Tarur-I Village, Alathur Taluk, Palakkad District. (SIA/KL/MIN/503886/2024)**

The Committee scrutinized the proposal and discussed it in detail. As per the application, the Chulanur Peafowl WL Sanctuary is located at a distance of 3 km from the proposed project site. The project cost is given as 97.50 Lakhs. The total mineable reserve is reported as 2,46,774 MT for a mine life of 3 years. The depth to water table is given as 10m below ground level. **Based on discussion, the Committee decided to invite the Proponent for a presentation. The PPT shall be uploaded to the Parivesh portal and shall address the following shortcomings.**

1. Proof of application submitted for Wildlife Clearance.

2. Regional EMP considering the quarries within the cluster prepared by NABET accredited consultant
3. NOC from the Irrigation Department in compliance with Section 40(2) of the Kerala Irrigation and Water Conservation Act, 2003 as ordered by the Hon'ble High Court of Kerala in WP(C) No. 30737 of 2022 and 4655 of 2024 dated 19-04- 2024.
4. Drone video of the project site and surrounding areas within 500m radius as per the Guidelines uploaded on the SEIAA website with UI number of the Drone used for the survey.

Item No.08 Environmental Clearance for the Laterite Building Stone Quarry Project of Sri. Noufal M.K for an area of 0.0631 Ha at Block No.6, Resurvey No. 37/4, 37/4-2 in Vazhayoor Village, Kondotty Taluk, Malappuram. (SIA/KL/MIN/503864/2024)

The Committee scrutinized the proposal and discussed it in detail. As per the application, the depth to water table is reported as 7 m below ground level. The total production is given as 7,887.5 MT for a mine life of 1 year. The elevation of the area varies between 82m AMSL and 76m AMSL. **Based on discussion, the Committee decided to invite the Proponent for a presentation. The PPT shall be uploaded to the Parivesh portal and shall address the following shortcomings.**

1. Drone video of the project site and surrounding areas

Item No.09 Environmental Clearance for the Laterite Building Stone Quarry Project of Sri. Haneefa Kottai for an area of 0.6652 Ha at Survey No. 63/3-1-1, 63/3-2-1, 63/3-3-1 in Muthuvallur Village, Kondotty Taluk, Malappuram. (SIA/KL/MIN/504750/2024)

The Committee scrutinized the proposal and discussed it in detail. As per the mining plan, the total quantity proposed for mining is 74,835 MT for a mine life of 3 years. The elevation of the area varies between 101m AMSL to 106m AMSL. The depth to water table is given as 10m below ground level. The depth of mining proposed is 6m below ground level. **Based on discussion, the Committee decided to invite the Proponent for a presentation. The PPT shall be uploaded to the Parivesh portal and shall address following shortcomings.**

1. Drone video of the project site and surrounding areas

Item No.10 Reappraisal of Environmental Clearance issued by DEIAA, Kollam, for the Granite Building Stone Quarry project of Sri. Dileesh Kumar V. for an area of 1.4383 Ha at Block No. 9, Re-Sy. Nos. 427/11, 428/3-2-2, 428/3-2-3, 427/4, 427/2, 427/1 in Neduvathoor Village, Kottarakkara Taluk, Kollam District (SIA/KL/MIN/504867/2024)

The Committee scrutinized the proposal and discussed it in detail. As per the original mining plan dated 24.03.2018 the mineable reserve is given as 5,08,850 MT. The life of mine is 10years. The elevation of the area varies between 135m AMSL to 110m AMSL. The EC

from DEIAA was issued on 16.06.2018 and the validity was expired on 15.06.2024. As per the EC, the depth of mining recommended is up to 95m AMSL. The mine lease was executed on 31.08.2019 for a period of 10 years valid up to 30.08.2028. As per the Scheme of Mining the balance quantity proposed for mining is 2,12,412 MT. The District Geologist vide demand letter No. 3128/DOQ/S2/2017 directed the PP to pay an amount of 54,62,156/- as penalty for quarrying in the buffer zone without any benches. Additionally, the project proponent has conducted an additional extraction including buffer zone and imposed an amount of 42,30,444/-.

The Committee also considered a complaint received from Sri. Pramod D submitted vide letter dated 05.10.2024, and alleged that the Project Proponent had commenced illegal mining beyond the permit area. The adjacent quarry holds large quantity of water which is disastrous to the residents. Further, Sri Pramod D forwarded a complaint vide letter dated 11.12.2024 by illustrating the illegal mining by over extracting the resources in the nearby mine adjacent to his residence. **Based on discussion, the Committee decided to invite the Proponent for a presentation. The PPT shall be uploaded to the Parivesh portal and shall address the following shortcomings.**

1. Response to the complaint filed by Sri. Pramod D (The SEIAA Secretariat shall provide copy of the complaints received from Sri. Pramod D to the Proponent)
2. The EMP prepared by a NABET accredited agency and incorporating the CER prepared as per the guidelines.
3. Clarification for the excess mining from inside and outside the project site.
4. CCR from IRO, MoEFCC, Bangalore
5. Environmental damage assessment report prepared by a NABET accredited agency
6. NOC from the Irrigation Department in compliance with Section 40(2) of the Kerala Irrigation and Water Conservation Act, 2003 as ordered by the Hon'ble High Court of Kerala in WP(C) No. 30737 of 2022 and 4655 of 2024 dated 19-04- 2024.
7. Drone video of the project site and surrounding areas within 500m radius as per the guidelines uploaded on the SEIAA website with UI number of the Drone used.

Item No.11 Environmental clearance for the Laterite Building Stone quarry project of Sri. Prakasan C.V, for an area of 0.1944 Ha. at Block No. 70 in Re-Survey No. 49/689, 49/1039 of Nidiyenga Village, Thaliparamba Taluk, Kannur. (Old Proposal No. SIA/KL/MIN/447673/2023) (SIA/KL/MIN/505275/2024)

The Committee scrutinized the proposal and noted the decision of various SEAC/SEIAA meetings. The Project was considered in the 169th SEAC meeting and recommended EC for 2 years subject to certain specific conditions in addition to the general conditions. Subsequently, the 148th SEIAA meeting noted that the online processing and issuance of EC is difficult as the proposal was earlier rejected by SEIAA in its 142nd meeting. Hence, as directed by the SEIAA the project proponent submitted application through PARIVESH 2.0 with all the documents submitted along with the earlier application. **The Committee examined the application and decided to adhere the earlier decision taken in the 169th**

SEAC meeting to recommend issuance of EC for mine life of 2 years subject to the following specific conditions in addition to the general conditions.

1. The project proponent should comprehensively implement the EMP by considering the adjacent project owned by him
2. The depth of mining should be limited to 5m bgl.
3. The excavation activity should not involve blasting.
4. The excavation activity should be restricted to 2m above the groundwater table.
5. The excavation activity should not alter the natural drainage pattern of the area.
6. The excavated pit should be restored by the project proponent for agriculture and other useful purposes.
7. Appropriate fencing all around the excavated pit should be made to prevent any mishap.
8. Measures should be taken to prevent dust emissions by covering excavated earth during transportation.
9. Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to the excavation of earth.
10. Workers/laborers should be provided with facilities for drinking water and sanitation.
11. 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.
12. A minimum distance of 50m from any civil structure should be kept from the periphery of the project area.
13. 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.
14. 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.
15. The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.
16. Measures incorporated in the CER should be implemented within 6 months from the date of EC and maintained during the rest of the EC period.
17. 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).

Item No.12 Reappraisal of EC issued from DEIAA, Kozhikode to the Granite Building Stone proposal of Sri. Muhammed Ismail Makki for an area of 2.2456 Ha at Survey Nos: 44/1, 45/1 45/2 in Keezhariyur Village, Koilandy Taluk, Kozhikode. (SIA/KL/MIN/505269/2024)

The Committee scrutinized the proposal and discussed it in detail. As per the original mining plan the mineable reserve is given as 11,07,412 MT for a mine life of 12 years. The Project Proponent has obtained EC No.108/2018 from DEIAA dated 08.09.2018 and the validity was expired on 06.09.2024. Subsequently, the mine lease was executed on 12.06.2019 for a period of 12 years valid up to 11.06.2031. As per the Scheme of mining, the PP has carried out illicit mining activities and a cost of Rs. 6,25,77,043/- was imposed as penalty. The balance quantity proposed for the remaining years is reported as 9,80,595 MT. The Proponent

also produced CCR from MoEF&CC vide dated 19.04.2024. **Based on discussion, the Committee decided to invite the Proponent for a presentation. The PPT shall be uploaded to the Parivesh portal and shall address the following shortcomings.**

1. Environmental damage assessment report prepared by a NABET accredited agency
2. EMP prepared by a NABET accredited agency and incorporating the CER prepared as per the guidelines.
3. Clarification for the excess mining from inside and outside the project site.
4. NOC from the Irrigation Department in compliance with Section 40(2) of the Kerala Irrigation and Water Conservation Act, 2003 as ordered by the Hon'ble High Court of Kerala in WP (C) No. 30737 of 2022 and 4655 of 2024 dated 19-04-2024.
5. Drone video of the project site and surrounding areas within 500m radius as per the guidelines uploaded on the SEIAA website with UI number of the Drone used.

Item No.13 Modification of Environment Clearance for the Granite Building Stone Quarry of Sri. Mathew Daniel at Block No.26, Sy.No. 340/1-26/3, 340/1-28/2, 340/1-30/1, 340/1/26-2, 340/1/26-1 in Enadimangalam Village, Adoor Taluk, Pathanamthitta. (SIA/KL/MIN/505242/2024)

The Committee scrutinized the application for Modification of EC and discussed it in detail. The Committee noticed that the EC for the proposed project was issued vide No. EC22B001KL140624 dated 20.07.2022 as per the decision of 144th SEIAA. The SEAC in its 126th meeting recommend EC with a Project Life of 12 years with specific condition, to limit the depth of mining up to 85m AMSL. However, as per the approved mining plan dated 24.04.2018, the elevation of the area varies between 105 to 60m AMSL. The Field Inspection report conducted on 22.11.2020 also provided the elevation of the area as 60 to 105m AMSL. After due appraisal, the SEAC in its 126th meeting recommended EC with a Project Life of 12 years and recommended depth of mining up to 85m AMSL. **Considering the elevation of the area and the depth to water table, the Committee decided to agree with the amendment of EC subject to the condition that depth of mining should be limited to 55m AMSL.**

Item No.14 Environmental Clearance for the Laterite (Building Stone) Quarry proposal of Sri. Prakasan C.V. for an area of 0.0972 Ha. at Block No. 70, Re-Survey No. 49/336 in Nidiyenga Village, Thaliparamba Taluk, Kannur (SIA/KL/MIN/505400/2024)

The Committee scrutinized the proposal and noted the decision of various SEAC/SEIAA meetings. The Project was considered in the 169th SEAC meeting and recommended EC for 2 years subject to certain specific conditions in addition to the general conditions. Subsequently, the 148th SEIAA meeting noted that the online processing and issuance of EC is difficult as the proposal was earlier rejected by SEIAA in its 142nd meeting. Hence, as directed by the SEIAA the project proponent submitted application through PARIVESH 2.0 with all the documents submitted along with the earlier application. **The Committee examined the application and decided to adhere the earlier decision taken in the 169th**

SEAC meeting to recommend issuance of EC for mine life of 1 year subject to the following specific conditions in addition to the general conditions.

1. The project proponent should comprehensively implement the EMP by considering the adjacent project owned by him
2. The depth of mining should be limited to 4 m bgl.
3. The excavation activity should not involve blasting.
4. The excavation activity should be restricted to 2m above the groundwater table at the site.
5. The excavation activity should not alter the natural drainage pattern of the area.
6. The excavated pit should be restored by the project proponent for agriculture and other useful purposes.
7. Appropriate fencing all around the excavated pit should be made to prevent any mishap.
8. Measures should be taken to prevent dust emissions by covering excavated earth during transportation.
9. Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to the excavation of earth.
10. Workers/laborers should be provided with facilities for drinking water and sanitation.
11. 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.
12. A minimum distance of 50m from any civil structure should be kept from the periphery of the project area.
13. 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.
14. 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.
15. The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.
16. Measures incorporated in the CER should be implemented within 6 months from the date of EC and maintained during the rest of the EC period.
17. 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)

Item No.15 Environmental Clearance for the Laterite Building Stone Quarry Project of Sri. Shajahan V P for an area of 0.0956 Ha at Block No.01, Survey No. 151/1-4 in Panakkad Village, Ernad Taluk, Malappuram. (SIA/KL/MIN/505439/2024)

The Committee scrutinized the proposal and discussed it in detail. As per the Mining Plan, the total quantity proposed for mining is 13,145 MT for a mine life of 1 year. The depth of mining proposed is 6m below ground level. **Based on discussion, the Committee decided to invite the Proponent for a presentation. The PPT shall be uploaded to the Parivesh portal and shall address the following shortcomings.**

1. Drone video of the project site and surrounding areas

Item No.16 **Environmental Clearance for the Granite Building Stone Quarry project of Sri. Madhulal M G for an area of 0.8300 Ha at Block No. 52, Re-Sy. Nos. 387/5-2, 387/7-2, 387/7, 387/13 & 387/13-2 in Mancode Village, Kottarakkara Taluk, Kollam District (SIA/KL/MIN/505526/2024)**

The Committee scrutinized the proposal and discussed it in detail. As per the Mining plan, the elevation of the area varies between 205m AMSL to 180m AMSL. The mineable reserve is represented as 1,15,500 MT for a mine life of 3 years. The elevation of the area is given as 205 to 180m AMSL. **Based on discussion, the Committee decided to invite the Proponent for a presentation. The PPT shall be uploaded to the Parivesh portal and shall address the following shortcomings.**

1. NOC from the Irrigation Department in compliance with Section 40(2) of the Kerala Irrigation and Water Conservation Act, 2003 as ordered by the Hon'ble High Court of Kerala in WP(C) No. 30737 of 2022 and 4655of 2024 dated 19-04- 2024.
2. Drone video of the project site and surrounding areas within 500m radius as per the Guidelines uploaded on the SEIAA website with UI number of the Drone used for the survey.

Item No.17 **Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Mohammed Jaseem. K (Partner),M/s E.K Sands and Minerals for an area of 2.8695 Ha at Block No.56,Re-Survey Nos 287/1-3 & 289/1 in Morayur Village, Kondotty Taluk, Malappuram. (SIA/KL/MIN/505581/2024)**

The Committee scrutinized the proposal and discussed it in detail. As per the Cluster certificate dated 09.11.2024, there is an authorised quarry of Sri. EK Abdu Rahiman for an area of 0.9539 Ha located within 500m radius. The Cluster certificate also states that, there is a quarry of Basil Paul for an area of 3.5596 Ha is located at a distance of 500.22m from the proposed site. As per the application, the total mineable reserve is given as 7,63,500 MT for a mine life of 5 years. The elevation of the area varies between 120m AMSL to 245m AMSL. **Based on discussion, the Committee decided to invite the Proponent for a presentation. The PPT shall be uploaded to the Parivesh portal and shall address the following shortcomings.**

1. NOC from the Irrigation Department in compliance with Section 40(2) of the Kerala Irrigation and Water Conservation Act, 2003 as ordered by the Hon'ble High Court of Kerala in WP(C) No. 30737 of 2022 and 4655of 2024 dated 19-04- 2024.
2. Drone video of the project site and surrounding areas within 500m radius as per the Guidelines uploaded on the SEIAA website with UI number of the Drone used for the survey.

Item No.18 **Re-appraisal of EC issued from DEIAA, Kozhikode to the Granite Building Stone Quarry Project of Sri. Muhammed Ismail Makki for an area of 3.1799 Ha at Re-Sy No. 1610/2 & 1611/1 in Kanthaladu village, Thamarassery Taluk, Kozhikode. SIA/KL/MIN/505641/2024**

The Committee scrutinized the proposal and discussed it in detail. The Committee observed that the proposed site falls in a moderate landslide hazard zone and the distance to the high hazard zone is only 250m. As per form-1, the Malabar Wildlife Sanctuary is located at a distance of 3.4 km from the proposed site. After detailed verification the Committee noticed the following shortcomings.

1. Original Mining Plan
2. Scheme of Mining is not legible.
3. The Proposed area falls under medium hazard zone.

The Committee noted that the Project Proponent failed to submit the original Mining Plan required as per the checklist stipulated in the OM dated 28.04.2023 for scrutiny and appraisal. **Therefore, the Committee decided to recommend rejection of the application.**

Item No.19 **Reappraisal of EC issued from DEIAA, Kozhikode to the proposed Granite Building Stone Quarry of Sri. V.P. Babu, for an area of 3.1135 Ha at Re Survey.No. 262/15 in Maruthonkara Village,Vadakara Taluk, Kozhikode. (SIA/KL/MIN/504464/2024)**

The Committee scrutinized the proposal and discussed it in detail. The Project Proponent obtained EC from the DEIAA Kozhikkode vide EC No. 24/2018 dated 09.01.2018 and its validity expired on 08.01.2023. The mine lease was executed on 22.03.2023 and ending on 21.03.2034. As per the original Mining Plan approved dated 20.09.2017 the total mineable reserve is given as 11,37,355 MT and the balance mineable reserve is 8,18,475 MT. The life of mine is 12 years. The elevation of the area varies between 155m RL and 70m RL. The Malabar Wildlife Sanctuary is located at a distance of 5.5 km from the project boundary. **Based on discussion, the Committee decided to invite the Proponent for a presentation. The PPT shall be uploaded to the Parivesh portal and shall address the following shortcomings.**

1. NOC from the Irrigation Department in compliance with Section 40(2) of the Kerala Irrigation and Water Conservation Act, 2003 as ordered by the Hon'ble High Court of Kerala in WP(C) No. 30737 of 2022 and 4655 of 2024 dated 19-04- 2024.
2. CCR from IRO,MoEFCC, Bangalore
3. Drone video of the project site and surrounding areas within a 500m radius as per the Guidelines uploaded on the SEIAA website with UI number of the Drone used.

Item No.20 **Environmental Clearance issued to the Granite Building Stone Quarry of Sri. Sameer P. for an area of 2.7047 Ha at Re. Sy. No. 237/2, 237/1, 237/1-2 in Nediyruppu Village, Kondotty Taluk, Malappuram – Amendment in EC. (Old Proposal No. SIA/KL/MIN/173485/2020; File No.1834/EC6/2020/SEIAA); (New Proposal No. SIA/KL/MIN/505940/2024)**

The Committee scrutinized the proposal and discussed it in detail. The Project Proponent obtained EC No. 95/Q/2023 dated 03.5.2023 for the project for an area of 2.7047 Ha in survey numbers 237/2, 237/1 237/1-2 for 12 years. But the project proponent intimated that the sub-division was done in the survey numbers, and the same was changed. Accordingly, The PP submitted this application for amendment in EC issued on 03.05.2023 along with a new mining plan approved dated 02.09.2024 with new survey numbers 237/1-7, 237/2 with the same extend. **Based on discussion, the Committee decided to invite the Proponent for a presentation, and the PPT shall be uploaded to the Parivesh portal.**

PARIVESH FILES (Ver-2)

PART-3

Item No.01 **Reappraisal of EC issued by DEIAA for the Granite Building Stone Quarry Project of Smt. Savithri Thamban, M/s Sree Siva Granites for an area of 2.9727 Ha at Re Survey Nos. 428/pt in Thayannur Village, Vellarikund Taluk, Kasargod. (ToR Proposal No: (SIA/KL/MIN/455634/2023, 2472/EC4/2023/ SEIAA); EC Proposal No: SIA/KL/MIN/458791/2024**

The Committee examined the proposal and discussed the field inspection report conducted on 04.10.2024. The Committee noted that ToR for conducting EIA study was issued on 11.4.2023. Subsequently, the PP submitted application for EC without conducting EIA study and Public Consultation and the 164th SEAC meeting recommended rejection of the proposal. The 144th SEIAA meeting held during June 28-29, 2024, based on representation from the PP that they had conducted combined EIA study along with the Quarry Project of Sri. Sukumaran. E, M/s. Perattur Rocks (SIA/KL/MIN/438095/2023) located just 40m away from the project site., decided to refer the proposal back to SEAC to relook its earlier decision and make definite recommendation after due appraisal. Considering the possible violation of the EC conditions noticed by the Sub-Committee of SEAC during the field inspection conducted with respect to Proposal No. SIA/KL/MIN/438095/2023, the Authority decided to direct the Mining and Geology Department and the Kerala State Pollution Control Board to enquire the violations conducted by the quarries in the region and take suitable action under intimation to SEIAA. Sri. Shaji A.K. submitted a complaint dated 20-6-2024 to cancel EC, and to recover the actual cost of the illegally mined mineral and environmental compensation. The 169th SEAC meeting held during August 7-9, 2024 decided to entrust a sub committee to examine the complaint received from Sri. Shaji A.K and the request from the PP to reappraise the

project by avoiding fresh EIA and Public Consultation by considering the EIA report and Public Consultation proceedings of the quarry proposed in the adjacent area. The field inspection report of the subcommittee observed that quarrying was carried out beyond the boundary at the eastern side. The sub committee suggested that the PP may be directed to conduct the studies as per the ToR issued by SEIAA. Further, the sub committee also recommended to seek certain additional documents/details.

The Committee examined the request of the PP to reappraise the project by avoiding fresh EIA and Public Consultation by considering the EIA report and Public Consultation conducted for the cluster by M/s. Perattur Rocks (SIA/KL/MIN/438095/2023) in which the details pertaining to his quarry is also included. The Committee examined the EIA report prepared by the accredited EIA consultant for M/s. Perattur rocks and observed that all the projects including this one are described in the report and the activities of the projects are considered while assessing the environmental impacts. However, the EMP is prepared only based on the mitigation measures applicable to the project of M/s. Perattur Rocks and the CER applicable to it. M/s. Perattur Rocks submitted an affidavit signed by the Proponents of the three projects falling in the cluster which incorporated a Project EMP describing the environment management measures pertaining to the project of M/s. Perattur Rocks and a Cluster EMP describing certain management measures applicable to the projects in the cluster. The Cluster EMP is found sketchy and need revision. The EIA report also does not address the Environmental Monitoring Plan and Risk Assessment Plan pertaining to the other two projects in the cluster. The Cluster EMP also does not describe the responsibility sharing.

In the circumstance, the Committee decided the following:

- 1. To direct the Project Proponent to submit a detailed Regional EMP applicable to the entire cluster incorporating the mitigation measures, environmental monitoring requirements, risk management measures and CER applicable for the project, in particular and cluster projects, in general, along with detailed responsibility mapping for implementation of the Regional EMP.**
- 2. To submit the following additional documents in addition to the above**
 - Copy of the DEIAA issued EC and the copy of the Mining Plan based on which the EC was issued by the DEIAA
 - Enquiry report from the Mining & Geology Department and the KSPCB regarding the violation of excess quantity of minerals mined out.
 - Road development plan.
 - Detailed site-specific study based on slope map, digital elevation model and other parameter influencing possible landslides as specific study proposed for landslide proneness is not done.
 - NOC from the Irrigation Department in compliance with Section 40(2) of the Kerala Irrigation and Water Conservation Act, 2003 as ordered by the Hon'ble High Court of Kerala in WP(C) No. 30737 of 2022 and 4655of 2024 dated 19.04.2024.
- 3. To seek direction from the SEIAA whether the Project with DEIAA-issued EC has to be re-appraised prior to obtaining enquiry report from the Mining &**

Geology Department and the KSPCB regarding the violations conducted by the quarries in the region and after taking suitable action under intimation to SEIAA

Item No.02 Environmental Clearance application for the Granite Building Stone Quarry of Sri. Sanker T. Ganesh, Partner, M/s. Peringome Stone Crusher for an area of 2.9188 Ha at Block No. 41, Survey Nos. 336/4, 336/5, 336/101, 336/102, 336/103, 304/3, 304/11, 308/101, 309/101 in Peringome Village, Payannur Taluk, Kannur (SIA/KL/MIN/473115/2024)

The Committee examined the proposal and discussed the Field Inspection Report conducted on 04.10.2024. **Based on discussion, the Committee decided to direct the Proponent to submit the following clarification/additional documents for further appraisal of the application.**

1. Revised EIA report as the one submitted does not address (i) the cumulative environmental impacts of all the activities of the two quarries located within the 500-meter radius cluster, in particular, and other quarries within the impact zone, in general; (ii) all the queries raised during the public hearing; (iii) vibration studies; (iv) breach potential studies; (v) site-specific environment management plan due to the proposed project as well as the regional environmental management plan required as there are quarries within the 500m cluster and (vi) risk management plan considering the fragile environment in which the site is proposed
2. Revised CER proposal as per the guidelines uploaded in the SEIAA website as the one submitted is not detailed and no proof for stakeholder consultation is found undertaken.
3. Plan for providing adequate buffer between the project boundary and the three built structures including the crusher.
4. Response to the fact that the EIA/EMP study does not address the presence of the old mine pit of Sri.Vasundaran K with a vertical wall of about 60m height very near the project boundary.
5. Corrected land use map as built up area, mining area/abandoned mine pit are not found included in the land use maps and the interpretation for waterbody is found wrong..
6. Map of the proposed site and surrounding areas with elevation contour values .
7. NoC from District Level Crisis Management Group for mining as 80% of the project area falls in moderate hazard zone.
8. Revised green belt development and compensatory afforestation plan with all details.
9. Response to the report of the Human Rights Commission and the District Collector regarding the difficulties experienced by the people due to the operation of the quarries in the impact zone
10. NOC from the Irrigation Department in compliance with Section 40(2) of the Kerala Irrigation and Water Conservation Act, 2003 as ordered by the Hon'ble High Court of Kerala in WP(C) No. 30737 of 2022 and 4655of 2024 dated 19-04-2024.

Item No.03 **Environmental Clearance for the Granite Building Stone Quarry of Sri. Sanker T Ganesh, Partner, M/s. Ellora Stones, for an area of 3.9001Ha at Survey No. 291/2, 293/101, 293/103, 293/104, 293/105, 293/106, 293/107, 293/108, 293/110, 293/112, 293/3, 299/103, 299/109, 299/4 , 348/1 at Block No. 45 in Vayakkara Village and 135/1,135/101,135/116,135/118,135/119, at Block No. 42 in Peringome Village, Payannur Taluk, Kannur (SIA/KL/MIN/457313/2024)**

The Committee discussed the Evaluation Report of documents and Field Inspection Report conducted on 07.12.2024. **Based on discussion, the Committee decided to direct the Proponent to submit the following clarification/additional documents for further appraisal of the application.**

1. Revised EIA report as the one submitted does not address (ii) the ToR Nos., 8, 30, 31, 32, 37, 38 and 41 (ii) all the queries raised during the public hearing; (iii) vibration studies; (v) site-specific environment management plan considering all the activities within the cluster, in particular and in the impact zone, in general (vi) risk management plan considering that the site is proposed on the upper slope of a hill located between moderate landslide hazard zones on both the sides.
2. The depth to the water table in the nearest dug well along with a geotagged photograph of the well, distance to it from the project boundary and altitude of the well site.
3. Recent legible survey map showing all the built- structures within 200m radius authenticated by the Village Officer.
4. CER proposal as per the guideline published on the SEIAA website.
5. Geotagged photograph of the appropriate location of the site after shifting of the project road through the buffer area.
6. Detailed compensatory afforestation plan, preferably in public place .
7. Slope stability study based on Digital Elevation Model
8. NOC from the Irrigation Department in compliance with Section 40(2) of the Kerala Irrigation and Water Conservation Act, 2003 as ordered by the Hon'ble High Court of Kerala in WP(C) No. 30737 of 2022 and 4655of 2024 dated 19-04-2024.

Item No.04 **Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Eldho Jacob, for an area of 4.1957 Ha at Re-Block No. 22, Re-Survey Nos. 170/1, 170/2, 170/3 in Muthalamada 1- Village, Chittur Taluk, Palakkad District. (SIA/KL/MIN/489749/2024)**

The Committee examined the proposal and discussed the Field Inspection Report conducted on 17.01.2025. The Anamala Tiger Reserve and Parambikulam Tiger Reserve are located within 10km radius of the proposed site. The PP submitted proof of application submitted for Wildlife Clearance vide Proposal No.WL/KL/MIN/QRY/507241/2024 dated 22.11.2024. The elevation of the area varies between 212 m to 197 AMSL. The depth to water table is given

as 6m below ground level and the depth of mining should be limited to 193m AMSL. **The Committee noted the following salient aspects in the field.**

- a) The site is mainly with old coconut trees and mango orchard along with other cash crops and is terraced.
- b) Soil depth is 2m at lower elevations.
- c) There is a building within 50m owned by the Proponent (H.No.10/491, Muthalamada Panchayath). The Village Officer has issued a Certificate to the effect that the building will be demolished if Environment Clearance for the quarry project is cleared.
- d) There are two abandoned factory sheds (South) within 50m without any Panchayath no. One of the building is without roof. The Proponent wants to keep these buildings as storage facility for equipments.
- e) A High Tension power line (Power Grid line) is passing at a distance of 305m.
- f) Also the power line of KSEB is passing through the project site
- g) Exposed rocky patches are seen at 2-3 place within the project site.
- h) The PP submitted proof of application submitted for Wildlife Clearance vide Proposal No. WL/KL/MIN/QRY/507241/2024 dated 22.11.2024. Though the proponent has written the names of two Tiger Reserves, it is shown as falling under Palakkad District. Anamalai Tiger Reserve is in Tamilnad State and has to be applied separately since the comments on this Tiger Reserve has to be entered by SWLB, Tamilnadu.

Based on discussion, the Committee decided to direct the Proponent to submit the following clarification/additional documents for further appraisal of the application.

- a. Plan for maintaining stipulated buffer distance of 50m between the existing buildings and the boundary of the proposed site.
- b. NOC from Power Grid Corporation or KSEB for mining at a distance of 300m from the High Tension line
- c. NOC from KSEB regarding shifting of the existing power line through the project site.
- d. Proof of application for wildlife clearance for Anamalai Tiger Reserve
- e. Revised CER as per the guidelines uploaded on the SEIAA website
- f. ESA area depicted in Cadastral Map with authentication by the Tehsildar
- g. Authenticated non-assignment certificate along with date of certification
- h. Detailed plan for high density planting of buffer zone, retaining all the existing trees
- i. Detailed plan for compensatory afforestation in public places
- j. Detailed plan for proposed artificial rainwater harvesting with geo-tagged location (as proposed in EMP)
- k. Detailed plan for developing the haulage road
- l. Detailed plan for energy conservation measures as proposed in EMP
- m. Revised EMP by an accredited EIA consultant
- n. NOC from the Irrigation Department in compliance with Section 40(2) of the Kerala Irrigation and Water Conservation Act, 2003 as ordered by the Hon'ble High Court of Kerala in WP(C) No. 30737 of 2022 and 4655of 2024 dated 19-04-2024.

Item No.05 Re-appraisal of DEIAA issued Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Ilyas Babu for an area of 4.7493 Ha at Survey No. 249 pt in Anakkayam village, Eranad Taluk, Malappuram. (SIA/KL/MIN/443864/2023)

The Committee examined the proposal and discussed the Field Inspection Report conducted on 05.10.2024. The Project Proponent has obtained EC from DEIAA Malappuram vide dated 08.06.2017 and the validity of EC was expired on 07.06.2022. The quarrying lease was executed for a period of 12 years from 17.05.2018 to 16.05.2030. As per the Approved Scheme of Mining dated 17.05.2023, the balance mineable reserve is provided as 15,25,146 MT. **Considering that the application is for reappraisal of the EC issued by the DEIAA and it is desirable to complete the reappraisal before 31.3.2025, the Committee decided to recommend conditional environmental clearance for 10 years from the date of original EC (Life of mine is not specifically mentioned in the original mine plan and in the scheme of mine plan for the entire mineable reserve) subject to (i) submission of the NOC from the Irrigation Department in compliance with Section 40(2) of the Kerala Irrigation and Water Conservation Act, 2003 as ordered by the Hon'ble High Court of Kerala in WP(C) No. 30737 of 2022 and 4655 of 2024 dated 19.04.2024 and (ii) the following specific conditions in addition to the general conditions.**

1. Non- compliance with respect to the EC conditions, particularly pertaining to (i) provision of fencing all along the boundary (ii) green belt (iii) dust suppression (iv) maintenance of garland drain (v) CSR expenditure (vi) short-comings with respect to the provision of benches should be rectified within three months from the date of re-appraisal
2. Depth of mining should be limited to 45 m above MSL considering the depth to water table
3. The adverse issues due to the poor management of overburden and topsoil without any protection walls or structures should be corrected prior to the commencement of mining.
4. The green belt should be initiated prior to the commencement of mining using indigenous species.
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. Overburden should be stored at the designed place and gabion wall should be provided for the topsoil and overburden storage sites
9. The impact of vibration due to blasting on the houses and other built structures within 200m distance from the project boundary should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay prior to the

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

10. Geotagged photographs of the progress of compensatory afforestation should be submitted along with HYCR
11. Implementation of CER Plan should be done during the first two years of the EC period and its operation and maintenance should be done till the completion of mine closure plan.
12. The haulage road should be provided with sprinkling facility to prevent dust pollution.
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. 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).
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. dump plan
19. Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.
20. Adequate facilities should be adopted to harvest the rainwater as per the guidelines issued by the Central Groundwater Authority.

Item No.06 **Environmental Clearance for the Granite Building Stone Quarry of Sri. P.M. Aboobacker, Managing Director, M/s. Palakkal Granite Products Pvt. Ltd for an area of 10.1903 Ha at Re Survey Block No - 003, Re Survey Nos: 172/1527, 172/1232, 172/1228, 172/1213, 1523, 1862, 172/1212, 172/1134, 172/1137, 172/1201, 172/1221, 172/1120, 172/1238, 172/1136, 172/1135, 172/1119, 172/2275, 172/1526, 172/1200, 172/1239, 1240 in Kodyathur Village & Re Survey Block No -001, Un Survey Nos: 153/597, 153/598, 153/604, 153/601, 600 in Kumaranellur Village, Kozhikode Taluk, Kozhikode District (SIA/KL/MIN/489757/2024)**

The Committee examined the proposal and discussed the Field Inspection Report conducted on 19.10.2024. The Committee noticed a Complaint filed by Sri. Justin K Joseph against the Proposed Quarry. The Complainant, Sri. Justin K Joseph filed a WP(C) 43792/2024 before the Hon'ble High Court. The Committee also noticed another Complaint filed by Sri.

Augustine vide letter received dated 23.09.2024 against the proposed quarry. The SEAC Subcommittee visited the quarry for the technical evaluation of the environmental feasibility of mining in the proposed area and hence the visit was not informed to the Complainants. The Committee discussed the following the averments made by the Complainants (i) Landslides and soil piping happened in areas such as Paikkadanmala, Mysorepatta and Mankuzhipalam where the proposed quarry is also located and in 2018 two children died due to landslide in this area; (ii) After the commencement of quarry operation, the local residence belongs to SC/ST category are suffering from TB and other respiratory diseases. Three person belongs to the age category of 30 to 40years died due to the above-mentioned health issues. One person is suffering from very rare fungal diseases and another person is suffering from cancer; (iii) The quarrying may affect the wildlife in that area and (iv) The land under the ownership of one of the Complainants was included in the quarry proposal.

The Project Proponent vide letter dated 27.12.2024 submitted a representation in response to the complaints stating that the complaints are not factual. The Proponent has submitted certificates from the Tehsildar, Kozhikkode dated 24.9.2018, 26.10.2019, 29.3.2020 and 12.6.2023 stating that there was no landslides or landslip in the area involving the quarry in R.Sy No. 172 of Palakkal Granites. A Letter dated 28.5.2019 from the Executive Engineer, Irrigation Dept., Kozhikkode stated that there is no dam, check-dam or other structures pertaining to Irrigation Dept. within 1km radius of the project site. The PP submitted a copy of the letter from the Sr. Geologist, Mining & Geology Dept. to the District Collector, Kozhikkode dated 16.11.2021 which stated that there is no violating of mining rules observed. The Certified Compliance Report dated 19.1.2022 from the MoEF & CC certified that the compliance of EC conditions is satisfactory. The PP has submitted a NOC from the Kodyathur GP for extension of the mining area. The PP has submitted an Order of the Human Rights Commission dated 29.9.2022 which stated that the Commission is convinced that the quarry operation is not causing environmental pollution as alleged by the Complainant and that there is scientific evidence to prove that the quarry operation obstruct the right to peaceful life of the Complainant based on various reports of the enforcement agencies. The report of the District Officer, Soil Conservation Dept., Kozhikkode in his report dated 20.3.2024 detailed the terrain characteristics, soil characteristics and drainage properties of the area which are not found adverse. A report based on the combined inspection carried out on 16.2.2024 by the District Geologist, District Soil Conservation Officer, District Officer of the Ground Water Dept, Environmental Engineer of the KSPCB, Kozhikkode did not report any adversity with respect to the site. The Project Proponent submitted NOC from District Level Crisis Management Group, Kozhikkode date 4.4.2024.

The Committee also discussed the recommendations in the field inspection report to seek certain additional documents. The EIA report addressed the public health and occupational health aspects in response to the ToR and the requirement of the detailed study on health issues related to quarry operation may be sought by giving a time-frame. The detailed report on issues related to the land is addressed by the Mining & Geology Dept. and further queries may be addressed to the revenue authorities. properties included in land areas of proposed project. A detailed report on the land stability and hydrology aspects have been dealt with in

the EIA report based on the studies by National Institute of Technology and the quarry has been operational in the past without any stability issues. The site specific EMP including the concerns raised has been addressed in the mitigation measures to be implemented and an amount of Rs. 1,44,42,799/- has been provided as capital investment for EMP and Rs. 36,09,650/- has been provided as recurring expenditure for EMP.

Based on detailed discussion, the Committee decided to recommend EC for 10 years for the project subject to the following specific conditions in addition to general conditions. Issuance of environmental clearance should be subjected to (i) resolution of the land ownership related complaint and (ii) applicability of NOC from the Irrigation Department in compliance with Section 40(2) of the Kerala Irrigation and Water Conservation Act, 2003 as ordered by the Hon'ble High Court of Kerala in WP(C) No. 30737 of 2022 and 4655 of 2024 dated 19.04.2024 in the background of the letter dated 28.5.2019 from the Executive Engineer, Irrigation Dept., Kozhikkode stated that there is no dam, check-dam or other structures pertaining to Irrigation Dept. within 1km radius of the project site.

1. Depth of mining should be limited to 120m above MSL so as to prevent formation of mine pit and impoundment of water on the sloping terrain.
2. A buffer of 50m should be maintained between the crusher and project boundary.
3. Blasting for mining should be in strict compliance to the recommendations provided in the study report of NIT, Karnataka.
4. A detailed study on the health issues, if any, in the surrounding areas of the project within 1 km radius of the project boundary should be conducted and the inference and recommendations should be uploaded in the first half-yearly compliance report.
5. Correction to the non-provision of benches, wherever required, should be carried out prior to the commencement of regular mining.
6. The effectiveness of the adequacy and implementation of the EMP should be reviewed after 2 years by engaging a NABET accredited EIA Consultant and the report uploaded in the half-yearly compliance report for the evaluation of the SEAC.
7. The green belt should be initiated prior to the commencement of mining using indigenous species.
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. 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 maximum charge per delay prior to the

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

13. A temporary wall of 5m height should be erected at appropriate locations on the boundary to avoid disturbance and nuisance to the nearby residents.
14. Geotagged photographs of the progress of compensatory afforestation should be submitted along with HYCR
15. Implementation of CER Plan should be done during the first two years of the EC period and its operation and maintenance should be done till the completion of mine closure plan.
16. The haulage road should be provided with sprinkling facility to prevent dust pollution.
17. 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).
18. Drainage water should be monitored at different seasons by an NABL accredited lab and clear water should only be discharged into the natural stream. Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.
19. 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).
20. Adequate sanitation, waste management and restroom facilities should be provided to the workers.
21. 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
22. 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. dump plan
23. Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.
24. Adequate facilities should be adopted to harvest the rainwater as per the guidelines issued by the Central Groundwater Authority.

Item No.07 **Environmental Clearance for the Granite Building Stone Quarry of Sri. M.M. Thomas, M/s Wayanad Metals for an area of 1.2552 Ha at Re- Sy. No. 545/4, 546/14, 546/11, 546/5, 546/4, 546/2, 547/3 in Vengapally Village, Vythiri Taluk, Wayanad. (SIA/KL/MIN/466738/2024)**

The Committee examined the proposal and discussed the Field Inspection Report conducted on 18.01.2025. The Committee noted the following salient aspects.

- a. The project site is a coffee plantation with shade trees
- b. Exposed rock could be seen here and there at North and North-eastern side
- c. The proposed compensatory afforestation site is already vegetated
- d. Soil depth is high at lower elevation

- e. The depth to water table is 6m bgl
- f. The development of mine pit in areas such as Wayanad where wildlife interaction is high, should have careful consideration.
- g. It was noticed during the site inspection that the quarry adjacent to the project site (Northern side near BP1) is not seem to be following the EC conditions properly. Even the buffer zone is not maintained. This may be informed to the District Geologist.

Based on discussion, the Committee decided to direct the Proponent to submit the following additional documents.

1. Plan for compensatory afforestation preferably in public places
2. NOC from the Irrigation Department in compliance with Section 40(2) of the Kerala Irrigation and Water Conservation Act, 2003 as ordered by the Hon'ble High Court of Kerala in WP(C) No. 30737 of 2022 and 4655of 2024 dated 19.04.2024
3. Clarification regarding the Blast hole diameter and Depth of mine hole since it is shown as 32mm & 2.6m in Mine Plan and 33mm & 1.5 to 1.8 in EMP

The Committee also decided to recommend to SEIAA to direct the Mining & Geology Department for inspection of the non-compliance of Mining Plan and EC conditions in the adjacent quarry site.

Item No.08 Reappraisal of Environmental Clearance issued by DEIAA Palakkad for the Granite Building Stone Quarry project of Sri. Aniyam Mathew, Managing Partner, M/s Al Jouf Blue Metal for an area of 2.1676 Ha at Re survey nos. 313/2, 313/1B, 314/1 in Anakkara Village, Pattambi Taluk, Palakkad District, Kerala (SIA/KL/MIN/420614/2024)

The Committee examined the proposal and discussed the Field Inspection Report conducted on 24.12.2024. The EC for the proposed project was issued vide EC No. DIA/KL/PL/15/2018 dated 13.06.2018 for 5 years. The elevation of the area varies between 50m to 85m AMSL. As per the Mining Plan approved dated 14.02.2018, the mineable reserve was given as 4,43,995 MT for a mine life of 5 years. As per the Order dated 22.04.2022 the mine lease was granted to the proposed project for 5 years. The mine lease was executed on 18.05.2022 for 5 years up to 17.05.2027. As per the letter of District Geologist dated 31.08.2024 states that the balance quantity available is 336848 MT. The Committee also found that the topsoil removed is stored at higher elevation near BP2, BP3, BP4 and near to their office building and it is without adequate protective measures. **Considering that the application is for reappraisal of the EC issued by the DEIAA and it is desirable to complete the reappraisal before 31.3.2025, the Committee decided to recommend conditional environmental clearance for 5 years from the applicable date of original EC subject to (i) submission of NOC from the Irrigation Department in compliance with Section 40(2) of the Kerala Irrigation and Water Conservation Act, 2003 as ordered by the Hon'ble High Court of Kerala in WP(C) No. 30737 of 2022 and 4655of 2024 dated 19.04.2024 and (ii) the following specific conditions in addition to the general conditions. and.**

1. Depth of mining should be limited to 45m above MSL considering the depth to water table.
2. The Certified Compliance Report from the IRO, MoEF&CC should be submitted within 3 months from the issuance of EC and it should be subjected to the appraisal of the SEAC within 3 months.
3. EMP prepared by a NABET accredited EIA Consultant should be submitted within 3 months from the issuance of EC and it should be subjected to the appraisal and approval by the SEAC within 3 months.
4. Detailed CER proposal as per the guidelines uploaded on the SEIAA website should be submitted within 2 months from the issuance of EC and it should be subjected to appraisal and approval by the SEAC within 3 months and approval of the SEIAA for incorporation in EC condition.
5. The topsoil stored at higher elevation near BP2, BP3, BP4 and near to their office building should be shifted to a lower elevation and the geo-tagged photographs of the new and corrected site should be submitted within 2 months.
6. The conditional EC will be cancelled, if the Proponent fails to submit the above documents within the stipulated time-frame.
7. The green belt should be initiated prior to the commencement of mining using indigenous species.
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. 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 maximum charge per delay prior to the commencement of mining by engaging an institution of national repute. The vibration monitoring should be done periodically and it should be included in the Half Yearly Compliance Report.
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 two years of the EC period 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. 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).

17. 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.
18. 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).
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. dump plan
22. Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.
23. Adequate facilities should be adopted to harvest the rainwater as per the guidelines issued by the Central Groundwater Authority.

Item No.09 **Reappraisal of DEIAA issued EC for the Granite Building Stone Quarry Project of Sri. Moosakutty Haji. M.K, Authorized Signatory, M/s. Rahmath Granite Crushers for an area of 3.85 Ha at Sy Nos: 168/2-2, 168/2-3, 167 in Perakamanna Village & Re-Sy Nos. 4/1, 7/3 in Karakunnu Village, Ernad Taluk, Malapuram. (SIA/KL/MIN/446941/2023)**

The Committee examined the proposal and discussed the Field Inspection Report conducted on 17.01.2025. **The Committee noted the following salient aspects in the field.**

- a) Mining is continued even after expiry of valid EC
- b) Reappraisal is to be done based on the original Mine Plan. But it is not submitted along with the application. Scheme of Mining approved by District Geologist, Malappuram, is uploaded.
- c) From 2007 to 2016, permit quarries were operating in the project site, the details of which are not provided
- d) A crusher is operating at a distance of 30-35m from the boundary of the project site and adequate buffer is not provided between the project site and the crusher
- e) Non-assignment certificate is not submitted
- f) Excavation is seen done in buffer zone and outside lease area.
- g) The topsoil thickness is >2m at BPD, BPE & BPF.
- h) The topsoil excavated is not shifted to the designated dump site and is stored haphazardly without any protection and there is possibility of landslide.
- i) CER proposal is not found uploaded.
- j) All the EC conditions are not complied with as per the Certified Compliance Report dated 5.2.2024.
- k) Benches are not maintained and mining is seen encroached to the buffer zone.

The Committee also noted that the following documents as per the OM dated 28.04.2023 pertaining to Reappraisal are not submitted.

1. Approved mining plan based on which DEIAA issued EC.
2. Compliance of Hon'ble Supreme Court Judgment dated 02.08.2017 passed in common cause vs union of India Writ Petition (C) 114 of 2014.
3. Re-grassing proposal

Since all the documents, required to be submitted for re-appraisal as per the OM dated 28.04.2023, are not submitted, the Committee decided to recommend rejection of the application.

Item No.10 Re-appraisal of Environmental Clearance issued from DEIAA, Thiruvananthapuram for the Granite Dimension Stone Quarry of Sri.T. Soundararajan for an extent of 1.0246 Ha at Survey no 251/4 in Vellarada Village, Neyyattinkara Taluk, Thiruvananthapuram (SIA/KL/MIN/462784/2024)

The Committee examined the proposal and discussed the Field Inspection Report conducted on 02.02.2025. During the presentation, the PP stated that the quarrying lease is not yet executed due to the delay in obtaining statutory licenses. No quarrying operations were carried out in the area. As per the mining plan, approved on 20.12.2017, the total mineable reserves of 1,32,737 MT out of which 21,238 cu.m (53,095 MT) GDS and 31,857 Cu.m (79642 MT) waste liberated during GDS cutting. The life of mine is 10 years. As per the additional documents submitted vide letter dated 18.09.2024 the depth to water table is 8m bgl at 112m AMSL. The PP also submitted proof of application (WL/KL/SRY/462820/2024) for the wild life clearance dated 14.02.2024, since the Neyyar Wildlife Sanctuary is at a distance of 6.18km. The CCR is not submitted by the PP stating that no mining activities have been done in the project area. The distance to nearest built-structure is 79.6m. The low hazard zone is located at 100m away from the proposed site. As per the cluster certificate dated 08.01.2024, there are no working quarry within 500m radius. Since no blasting is proposed for Granite Dimension Stone mining the NOC from the Irrigation Department is not mandatory.

Based on discussion, the Committee re-appraisal of EC for 10 years subject to the following Specific Conditions in addition to the General Conditions may be stipulated while issuing EC:

1. The excavation activity should not involve blasting.
2. Notarized affidavit with regard to the Compliance of Hon'ble Supreme Court judgement dated 02.08.2017 passed in common cause vs union of India Writ Petition (C) 114 of 2014.
3. Depth of mining should be limited to 130m above MSL considering the depth to ground water table

4. Green belt should be initiated prior to the commencement of mining using indigenous species.
5. Compensatory afforestation should be done prior to the commencement of mining, by planting local species of trees in 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. Overburden should be stored at the designed place with adequate protection.
9. Geotagged photographs of the progress of compensatory afforestation should be submitted along with HYCR
10. Implementation of CER Plan should be done during the first two years of the EC period and its operation and maintenance should be done till the completion of mine closure plan.
11. The haulage road should be blacktopped and rest of the road should be provided with sprinkling facility to prevent dust pollution.
12. 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).
13. 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).
14. Adequate sanitation, waste management and restroom facilities should be provided to the workers.
15. 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
16. 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. dump plan
17. Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.
18. Adequate facilities should be adopted to harvest the rainwater as per the guidelines issued by the Central Groundwater Authority.

Item No.11 **Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Wincent A for an area of 1.1550 Ha at Block no. 18, re-survey no: 202/1-2, 202/1-3-1, 202/5, 202/6, 202/7, 202/7-1, 202/8, 202/13, 202/13-1, 202/14, 232/10 in Anadu Village, Nedumangad Taluk, Thiruvananthapuram District. (SIA/KL/MIN/477368/2024)**

The Committee examined the proposal and discussed the Field Inspection Report conducted on 2.2.2025. **The Committee noted the following salient aspects in the field.**

- Need detailed Compensatory Afforestation Plan, preferably in public place
- The proposed site is full of boulders including large sized ones.
- Proposed location for storage of top soil and overburden is inappropriately located with respect to the road and residence.
- Water requirement is proposed from an open well, but its location or yield characteristics are not given.
- Residential houses are located very close to the mine site, but no measures to avoid nuisance to the nearby residence are provided

After discussing the field observations the Committee suggested the following specific conditions may be considered if an when the EC is issuing.

- a. Temporary wall of 5m height connecting BP13-Bp14-BP15-BP1-BP2-BP3-BP4-BP5-BP6 to reduce the nuisance to the nearby residences.

Based on discussion, the Committee decided to direct the Proponent to submit the following clarification/additional documents for further appraisal of the application.

1. Detailed Compensatory Afforestation Plan, preferably in public or institutional land
2. Detailed Boulder Management Plant
3. Revised EMP by NABET accredited agency as the one submitted is a generalized one without addressing the location specific environmental aspects, environmental mitigations required, Specific environmental management plan and detailed budget
4. Revised PFR as the one submitted does not address the feasibility of mining in an area with large number of boulders and residential houses nearby
5. Geotagged location of the open well from where the ground water is proposed to be extracted and the yield characteristics
6. Detailed sanitation and waste management plan and energy conservation plan
7. Detailed plan for green belt development.
8. Revised location and protection plan for the storage of top soil and overburden
9. Plan for providing temporary barrier of 5m height connecting BP13-Bp14-BP15-BP1-BP2-BP3-BP4-BP5-BP6 to reduce the nuisance to the nearby residences

Item No.12 Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Mujeeb K.P, Managing Director, M/s. KPA Crusher Private Limited for an area of 1.2485 Ha at Block No. 08, Resurvey No. 188/1-1, 188/1-5, 188/2- 4, 188/3, 188/3-1, 188/3-2, 188/4-1, 188/4-2 & 190/1-3 in Pulikkal Village, Kondotty Taluk, Malappuram. (FIR Received) (SIA/KL/MIN/482870/2024)

The Committee examined the proposal and discussed the Field Inspection Report conducted on 26-01-2025. The Committee noted the following salient aspects in the field.

- a) 80% of the project site is exposed rock
- b) Deep quarry pits seen on W, SW & SE sides
- c) The deep

- d) The old and deep quarry pits are almost dried up and chances of summer water availability is very remote
- e) The proposed compensatory afforestation site is partially with exposed rock
- f) The survey map is of 2020 and is not authenticated with the date

Based on discussion, the Committee decided to direct the Proponent to submit the following clarification/additional documents for further appraisal of the application.

1. **ToR 08:** Suggested measures to ensure safety of the area.
2. **ToR 18:** The study reports 58 faunal species, 37 butterfly species, 9 reptile species, 7 amphibian species, 6 insect species, 12 odonates and about 15 miscellaneous species. The presence of monkeys and porcupines (as noted during field visit) has not been in in report. The EIA report states that the proposed quarry mining may not make major impact on the vegetation and related fauna at this location, is not genuine. Also, the tree species suggested for afforestation activities are not sufficient for sustaining the existing zoodiversity. A detailed biodiversity management plan, with adequate modifications in the EMP has to be submitted
3. **ToR 25:** Adequately address the environmental issues due to dust as it is a major concern in the project site.
4. Consent from the competent authorities to meet the water requirements.
5. **ToR 31:** Compensatory afforestation plan along with detailed list of plant proposed for planting along with a phase wise plan of plantation, considering the environmental settings of the area earmarked for afforestation and geotagged photographs of the site.
6. **ToR 38& ToR 41:** Revised EMP prepared by a NABET Accredited Consultancy. The revised cost and resources procured from outside agencies is to be incorporated.
7. **Specific ToR 1:** Cumulative impact on noise due to drilling, blasting and loading in all the quarries in the cluster are to be resubmitted with specific management plan.
8. Assurance from the concerned authorities regarding the engagement of a driver for the vehicle and for maintenance of the vehicle proposed to be provided by the PP under CER
9. Latest survey map indicating all the houses and other built-structures within 200m radius of the site

Item No.13 Environmental Clearance for the Granite Building Stone Quarry Project of Sri. K. I. Arumughan, Managing Director, M/s. Marath Enterprises & Crushers Pvt. Ltd. for an area of 4.1030 ha at Re-Survey No: 197/5, 197/6, 197/2, 369/1-2, 194/11-1, 194/4, 194/11, 194/14-2, 194/12, 194/10-1, 194/13, 369/1-1 in Koppam Village, Pattambi Taluk, Palakkad District (SIA/KL/MIN/478503/2024)

The Committee examined the proposal and discussed the Field Inspection Report conducted on 24-12-2024. The PP obtained NOC from the Irrigation Department Palakkad vide order dated 27.09.2024 for 1 year subjected to 10 conditions. **The Committee noted the following salient aspects in the field.**

- a) Three abandoned mine pits available outside the project area

- b) EC obtained for one new granite quarrying site for the same firm
- c) Planted an area (1.80 acre) with fruit bearing jack trees
- d) Food waste collected in bins and used for composting
- e) A crusher unit is available at a distance of >50m

Based on discussion, the Committee decided to direct the Proponent to submit the following clarification/additional documents for further appraisal of the application.

- a. Recent Survey map
- b. Geo-tagged location of OB dump site.
- c. Depth to water table in the nearest dug well along with geo-tagged photograph of the well site, distance between the well and the project boundary and relative relief of the well site.
- d. Revised Compensatory afforestation plan preferably in a public place, with geo-tagged photographs and species proposed to be planted should be submitted
- e. Clarification regarding the repetition or overlapping of survey numbers, if any, in the DEIAA issued EC for the adjacent site to the proposed project.
- f. Response to the Concerns raised in the minutes of the Public Consultation conducted.
- g. Compliance statement and other details, if any, regarding ToR 11, ToR 23, ToR 30, ToR 33 and ToR 35.

Item No.14 Amendment of Environmental Clearance dated 17.12.2024 issued to Sri. Ajayan Joseph for the Granite Building Stone Quarry for an area of 0.6993 Ha at Re-Block No. 61, Re-Survey Nos. 49/4-1, 49/14 in Pookkottukavu Village, Ottapalam Taluk, Palakkad District (*Previous Proposal No. SIA/KL/MIN/470038/2024*) (SIA/KL/MIN/520080/2025)

The Committee scrutinised the application and discussed it in detail. As per the application the EC for the Proposed Project was issued vide No. EC24C0108KL5342915N dated 07.12.2024 for an area of 0.6993 ha at Re-Sy Block No. 61, Re-Sy Nos. 49/4-1, 49/14 in Pookkottukavu Village, Ottapalam Taluk, Palakkad for the project life of 3 Years. Currently, the PP intimated a change in survey Numbers by referencing letter of Village Officer dated 09.12.2024. According to the letter of the PP, the Re Survey Nos. 49/4-1, 49/14 was changed to 49/14 to 49/13-1. The Village officers letter stating that the sub division survey number 49/14(Due to Continuous Survey No)was demarcated as the forest land in as per the BTR. But, as per the supplementary BTR the survey number 49/14 is cancelled and accordingly the survey Numbers of the Proposed Project are changed as 49/13-1. The PP also submitted modified mining plan by incorporating the Resurvey No. 49/13-1, 49/4-1 in Re-block No. 61. **In these Circumstances, the Committee decided to recommend amendment of EC by incorporating the revised Survey Numbers and Block Numbers.**

PARIVESH FILES (Ver-2)

PART-4

Item No.01 **Reappraisal of EC issued by DEIAA for the Granite Building Stone Quarry Project of Sri. Sabu Varghese, Managing Partner, M/s. S.S Granites for an area of 4.3046 Ha at Survey No. 441/4-1, 441/5, 455/6A, 457/3-1, 457/4-2, 457/4-3, 457/5, 459/2A3 & 459/2B2 in Palakkuzha Village, Muvattupuzha Taluk, Ernakulam.
(SIA/KL/MIN/482846/2024)**

The Committee scrutinised the additional documents submitted by project proponent dated 22.01.2025 and found that the project proponent submitted e-Challan of processing fee instead of the documents sought in the 170th SEAC meeting. The documents sought also included essential details required for re-appraisal as per the OM dated 28.04.2023. **Therefore, the Committee decided to recommend rejection of the application considering the non-submission of documents necessary for the reappraisal of the DEIAA issued EC**

Item No.02 **Environmental Clearance for the proposed construction of new buildings within the existing Institutional complex to be developed by M/s JDT Islam Orphanage Committee at Sy. Nos. 155/5, 155/4B, 155/53 (Old No. 155/3), 154/87, 154/122, 154/30 (Old no. 154/8B), 154/19 (old no. 154/9), Chavayoor Village, Kozhikode Municipal Corporation, Kozhikode Taluk & District (SIA/KL/INFRA2/457794/2024)**

The Committee examined the proposal and discussed the Field Inspection Report conducted on 19.01.2025. **Based on discussion, the Committee decided to direct the Proponent to submit the following clarification/additional documents for further appraisal of the application.**

1. Authenticated details on the building construction between 1994 and 2006, and after 2006.
2. Details of the buildings, along with their locations and justification for the construction undertaken after 2006 as constructions are noticed after 2006.
3. Water requirement during the operational phase (as per water balance chart) is estimated to be 1032/1045KLD. Though the storage capacities of ponds and RWH tanks are given, they may not be adequate for the requirements, as proposed, during non-rainy days. There are 4 wells in the project area, and over extraction from wells may lead to water scarcity in the nearby residential areas. Considering these aspects, the water budget of the project has to be reworked along with yield attributes from specific sources on a seasonal basis.
4. Consent for the drawal of water from the public distribution systems like KWA, if any, and the quantity proposed to be drawn.
5. Details of the specific provisions of KMBR for claiming the proposed construction under Group B (Educational) category as the building is proposed as an educational

cum business complex.

6. Justification for the soil excavation and landfilling activities undertaken in the western side of the project area.
7. Proof of disposal of the solid waste generated in the campus engaging approved vendors / Haritha karma sena of the Municipal corporation as it is claimed that the waste is being managed by engaging approved vendors. It is observed during the field inspection that the solid waste being generated within the campus (including plastic) is being burnt in an incinerator, creating high magnitude environmental issues and nuisance to the public.
8. An alternative location for the STP as it is proposed to be located near residential areas.
9. Detailed traffic management plan for overcoming the congestion in the highway, due to the proposed activities as the occupancy load is estimated to be 20000 during the operational phase (full occupancy).
10. Latest water quality assessment report of the storage pond, which is in the south western side, approximately 100 meters from the project site.
11. Revised CER as per the guidelines uploaded in the SEIAA Kerala website.
12. Plan for the demolition and subsequent management of construction waste of buildings with area of 26,060.99 sq.m.

Item No.03 **Environmental Clearance for the Regularization of Existing Re-Rolling mill project by M/s Vadhi Steels Private Limited of Sri Mr. P. K. Moideen Koya at Re-Survey Nos 36/16,31/12,37/40,31/14,31/13 in Kuttikkattoor Village, Kozhikode Taluk, Kozhikode District. (SIA/KL/IND1/464083/2024)**

The Committee examined the proposal and discussed the Field Inspection Report conducted on 19.10.2024. **The Committee noted the following salient aspects in the field.**

- The industry is equipped with Coal fired/Reheating Furnace (7 TPH) and Re Rolling Mill (16128 TPA) only.
- The industry shares a boundary with M/S. Minar Ispat Private Limited, another steel processing company.
- There are 82 residential buildings and 48 other built structures within 200 m radius of the project site.
- Water use is mainly from ground water sources and provisions of rain water harvesting is not satisfactory.
- Not many energy conservation measures, including installation of solar facilities, are available with the industry.

The Committee also noted the following non-compliance to ToR conditions.

- **Chapter 3:** The cumulative impact of noise during the operational phase of the nearby industry has not been worked out.
- **Chapter 4:** The mitigation measures suggested to overcome the impacts (quantitative and qualitative) on surface and groundwater resources are inadequate

and the mitigation measures for noise pollution

- **Chapter 8:** Energy conservation measures with the industry are listed and are limited (8.6). The report is silent on the installation of solar facilities. A proposal has to be submitted in this regard.
- **Chapter 10:** The cost estimate for EMP is given as a cumulative amount. A split up of the financial outlay for each activity has to be submitted

Based on discussion, the Committee decided to direct the Proponent to submit the following clarification/additional documents for further appraisal of the application.

1. Appropriate proposal for a rainwater harvest facility (for reducing the pressure on groundwater sources at the project site).
2. Green belt development plan as there is no green belt or vegetation cover associated with this project.
3. Proposal for limiting the noise levels at the area of rolling mills.
4. Details of solar installations within the project site and a proposal for additional solar installations.
5. Details and proposal for compliance of the ToR 3,4,8 and 10.

Item No.04 Environmental Clearance for the Regularization of Existing Steel making and Rolling mill by Sri.A. Mohammed Shafi, M/s. Minar Ispat Private Limited at Survey Nos 30/1C, 31/1, 31/2,37/2B in Kuttikattoor Village, Kozhikode Taluk, Kozhikode District. (SIA/KL/IND1/464150/2024)

The Committee examined the proposal and discussed the Field Inspection Report conducted on 19th October 2024. The Committee noted the following salient aspects in the field.

- Nearly 144 buildings of varying categories (residential, commercial, industrial, religious, etc.) are located within a 200-meter radius of the existing industry (As per EIA report).
- The industry is sharing boundary with M/S. Vadhi Steels, another steel processing company.
- There is less vegetation cover or green belt noticed on the project site.
- There is no major facility for rainwater storage (runoff/rooftop) within the site.
- The residential areas of workers seem to be highly congested with fewer sanitation facilities.
- Not much of energy conservation measures are seen in the project site. No major solar installations for power saving are seen/reported within the site.

The Committee also noted the following non-compliance to ToR conditions.

1. **Chapter 2:** The methods/criteria/certification concerning the quality of the raw material is not specified. The heavy metal composition associated with Slag is not mentioned.
2. **Chapter 3:** The surface water quality sample is collected from 2 sites and which is insufficient to derive strategic conclusions. The the cumulative impact of noise

during the operational phase of the factory (nearby) has not been worked out.

3. **Chapter 4:** Explanation for the Impact Identification Matrix, both surface and groundwater sources are stated to have a lesser impact. The mitigation measures suggested to overcome the impacts on surface and groundwater resources (4.2.3.1) are inadequate. The mitigation measures for noise pollution control (4.2.4.2) have not proposed any installations or sound proofing structures at the milling unit (which is a major source of noise pollution)
4. **Chapter 8:** Energy conservation measures are listed (8.6.) The report is silent on the installation of solar facilities. A proposal has to be submitted in this regard.
5. **Chapter 10:** The cost estimate for EMP is given as a cumulative amount. A split up of the financial outlay for each activity has to be submitted.

Based on discussion, the Committee decided to direct the Proponent to submit the following clarification/additional documents for further appraisal of the application.

1. Plan for green belt development as there is no green belt or vegetation cover associated with this project at present.
2. Proposal concerning Slag management. If it is sent to external agencies, proof for stating that the agency is competent to handle such waste materials.
3. Proposal for limiting the noise levels at the area of rolling mills.
4. Proposal for a garland drain, covering the stockyards (raw materials).
5. Proposal for a rainwater harvest facility (for reducing the pressure on groundwater sources at the project site).
6. Details of solar installations within the project site and proposal for additional solar installations.
7. Details and proposal for compliance of the ToR 2,3,4,8 and 10.

Item No.05 Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Riyas C. for an area of 1.0985 Ha at Re- Sy No. 28/1-6, 28/1-1, 28/1-5 in Karakkunnu Village, Ernad Taluk, Malappuram. (SIA/KL/MIN/459939/2024)

The Committee examined the proposal and discussed the Field Inspection Report conducted on 26.01.2025. The Committee observed that the slope of the site is very high, the soil is very deep and the possibility of breach of water stored in the nearby quarry in the upper portion is high. The overall environmental fragility of the land is very high. **Considering the overall environmental fragility of the area, the Committee decided to recommend rejection of the application by invoking the precautionary principle.**

Item No.06 Environmental Clearance for the Existing Re-Rolling mill by M/s Steel Max Rolling Mills Limited for an area of 1.58 ha Ha at sy.no. 560, 560/2,560/3 in Pudussery Village, Palakkad Taluk District. (SIA/KL/IND1/480217/2024)

The Committee examined the proposal and discussed the Field Inspection Report conducted on 20.01.2025. **Based on discussion, the Committee decided to direct the Proponent to submit the following clarification/additional documents for further appraisal of the application.**

1. Yield characteristics of the bore wells proposed to be used.
2. Maximum Credible Accident Analysis.
3. Stack monitoring and its capacity enhancement plan.
4. Renewable energy utilization plan.
5. Plan for water harvesting/Recharging structures.
6. Proposal for STP with capacity.
7. Solid waste management plan.
8. Plan for keeping the premises neat and tidy.
9. Plan for the afforestation of vacant areas.
10. Facilities provided to the workers with geo-tagged photographs.
11. Revised EMP incorporating all mitigation measures proposed.
12. Details regarding the Implementation Committee and Monitoring Committee for the implementation of Integrated CER proposal for the BUDS Rehabilitation Centre (BRC) as suggested by SEAC in its 173rd meeting.

Item No.07 Environmental Clearance for the Existing Re-Rolling mill of Sri. Suthesh Kumar M, Deputy General Manager, M/s. Prince TMT Steels Pvt Ltd for an area of 5.7210 Ha at Survey Nos. 548, 550, 554, 559 in Pudukkottai Central Village, Pudukkottai Taluk, Pudukkottai District (SIA/KL/IND1/463274/2024)

The Committee examined the proposal and discussed the Field Inspection Report conducted on 20.01.2025. **After discussing the Report, the Committee decided to direct the Proponent to submit the following clarification/additional documents for further appraisal of the application.**

1. Yield data of the three Bore wells available
2. Maximum Credible Accident Analysis
3. Stack monitoring and its capacity enhancement plan
4. Renewable energy utilization plan
5. Plan for developing RWH pond together with proper maintenance and protection
6. Proposal for STP with capacity
7. Solid waste management plan
8. Plan for the development of Green belt
9. Facilities provided to the workers with geo-tagged photographs
10. Revised EMP incorporating all mitigation measures proposed
11. Details regarding the Implementation Committee and Monitoring Committee for the implementation of Integrated CER proposal for the BUDS Rehabilitation Centre (BRC) as suggested by SEAC in its 173rd meeting

Item No.08 **ToR Application for the Proposed Granite Building Stone Quarry of Mr. Anees P.C for an Extent of 1.5957 ha at Re-Survey No: 172, Kodyathoor Village, Kozhikode Taluk, Kozhikode District(SIA/KL/MIN/522535/2025)**

The Committee examined the ToR application and discussed the proposal in detail. As per the application, the Maximum Capacity of the proposed project is 10,66,500 MT for a mine life of 10 years. The elevation of the area varies between 175m RL to 119m RL. The proposed area is falls under the moderate hazard zone. **Based on discussions, the Committee decided to recommend Standard ToR under Category 1 (a) Mining of Minerals along with additional study on the landslide susceptibility and breach potential and their impacts on the downstream population**

Item No.09 **Environmental Clearance for the Existing Steel making and Rolling mill of Sri. Hashim K P, Director M/s. World Wide Iron & Steels Pvt. Ltd. for an area of 5.04 acres at Survey Nos. 13/628,629,630 in Pudussery Central Village, Palakkad Taluk, Palakkad District (SIA/KL/IND1/467708/2024)**

The Committee examined the proposal and discussed the Field Inspection Report conducted on 20.01.2025. **After discussing the Report, the Committee decided to direct the Proponent to submit the following clarification/additional documents for further appraisal of the application.**

1. Yield data of the two Bore wells available
2. Maximum Credible Accident Analysis
3. Stack monitoring and its capacity enhancement plan
4. Dilapidated buildings either reconstructed or demolished
5. Renewable energy utilization plan
6. Plan for developing RWH pond / water recharging structures
7. Proposal for STP with capacity
8. Plan for the afforestation in the available vacant areas
9. Facilities provided to the workers with geo-tagged photographs
10. Revised EMP incorporating all mitigation measures proposed
11. Details regarding the Implementation Committee and Monitoring Committee for the implementation of Integrated CER proposal for the BUDS Rehabilitation Centre (BRC) as suggested by SEAC in its 173rd meeting

Item No.10 **Reappraisal of Environmental Clearance issued by DEIAA for the Granite Building Stone Quarry Project of Sri.Abdulla Koya Thangal, M/s Ruby Stone Crushers for an area of 4.1943 ha in Re.Sy.No.1 at Kattippara Village, Thamarassery Taluk, Kozhikode (SIA/KL/MIN/470905/2024)**

The Committee discussed the evaluation report and found all the documents submitted are satisfactory. The proposed project obtained EC from DEIAA vide No. 10/DEIAA/KL/MIN/3970/2017 dated 23.09.2017. As per the old mining plan, the mineable reserve is given as 21,20,185 MT and the production plan is given for 22 years. The Quarrying lease was executed on 15-01-2018 for 12 years from 15-01-2018 to 14-01-2030. As per the Scheme of mining approved dated 29.10.2022, the remaining mineral is denoted as 18,78,458 MT. The depth to water table is 6m bgl at 95m AMSL. As per the Cluster Certificate dated 18.04.2024, there is no working quarry within 500m radius. The PP has submitted wildlife application (WL/KL/MIN/QRY/490178/2024) since the Malabar WLS located at 10km radius of the site. The medium hazard zone is located at a distance of 50.88m from the site. The PP submitted a letter from the Irrigation Department, Kozhikode vide dated 04.09.2024 which states that no irrigation structures are located within 1km radius of the proposed site under the Jurisdiction of the aforementioned. **Considering that the application is for reappraisal of the EC issued by the DEIAA and it is desirable to complete the reappraisal before 31.3.2025, the Committee decided to recommend conditional environmental clearance for 22 years from the date of original EC subject to the following specific conditions in addition to the general conditions.**

1. Depth of mining should be limited to 130m above MSL to prevent formation of any mine pit on the highly sloping terrain as a precautionary measure.
2. The green belt should be initiated prior to the commencement of mining using indigenous species.
3. 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.
4. Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain should be provided prior to the commencement of mining.
5. Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration
6. Overburden should be stored at the designed place and gabion wall should be provided for the topsoil and overburden storage sites
7. The impact of vibration due to blasting on the houses and other built structures within 200m distance from the project boundary should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay prior to the commencement of mining by engaging an institution of national repute. The vibration monitoring should be done periodically and it should be included in the Half Yearly Compliance Report.

8. Geotagged photographs of the progress of compensatory afforestation should be submitted along with HYCR
9. Implementation of CER Plan should be done during the first two years of the EC period and its operation and maintenance should be done till the completion of mine closure plan.
10. The haulage road should be provided with sprinkling facility to prevent dust pollution.
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. 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).
14. Adequate sanitation, waste management and restroom facilities should be provided to the workers.
15. 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
16. 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. dump plan
17. Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.
18. Adequate facilities should be adopted to harvest the rainwater as per the guidelines issued by the Central Groundwater Authority.

Item No.11 **Environmental Clearance for the Residential Building Construction project of Sri. S. Krishnakumar, Managing Director, M/s Nikunjam Constructions Pvt. Ltd. at Sy.No. 396/13, 396/14, 396/15, 396/16-1, 396/17, 396/18, 396/4, 396/5-1, 396/6-1, 396/6-1-1-1, 396/6-1-1-2, 397/11, 397/7, 397/8, 397/9-1, 397/10, 397/12, 397/24 Attipra Village, Thiruvananthapuram Taluk, Thiruvananthapuram District. (SIA/KL/INFRA2/484270/2024)**

The Committee scrutinised the additional documents submitted by the Project Proponent dated 08.02.2025 and found them satisfactory. As per the documents the actual quantity of ordinary earth proposed for excavation will be 17,142 cu.m of undisturbed soil. A quantity of 185.80 cu.m will be used for ramp and rear side earth filling and 500 cu.m of top soil will be used for landscaping. The remaining Excess excavated earth shall be disposed outside the project site. As per the application, the total Built-up area proposed is 35,001 sqm with 200 apartments. The total plot area is around 0.6519 ha (6,519 sqm). The highest contour of the proposed site is 37 lvl. (NE) and lowest contour is 31 lvl. **Based on discussions, the**

Committee decided to recommend EC for 10 years for the proposal subject to the permissible FAR and following specific conditions in addition to the general conditions.

1. The FAR norms should be complied with strictly.
2. All the mitigation measures proposed in the EMP, along with additional measures suggested, should be implemented during the construction and operational phase appropriately
3. The guidelines for green rating and green building certification to buildings based on green standards issued by the Government of Kerala vide GO (MS) No. 39/2022/LSGD dated 25.2.2022 should be adhered to.
4. Climate-responsive design as per Green Building Guidelines in practice should be adopted
5. The exposed roof area and covered parking should be covered with material having high solar reflective index
6. 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.
7. Vegetation should be developed appropriately on the ground as well as over built structures such as roofs, basements, podiums, etc.
8. The approved CER proposal should be implemented in total during the first two years, and its operation and maintenance should be undertaken during the rest of the EC period.
9. Adequate safety gadgets and instruments should be provided to the people engaged in solid and liquid waste management. Periodic medical check-ups of the people engaged for the waste management activities should be undertaken and their health management should be ensured.
10. The Kerala Energy Conservation (Building Code) Rules 2017 should be complied with.
11. 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 implement the same.
12. Periodic monitoring of water samples from the groundwater sources should be carried out and treatment measures incorporated as required
13. The STP should be augmented with tertiary treatment unit, to ensure quality of treated water for re-use /recycle for flushing / gardening/ firefighting/ recharge of local ground water as per the plan submitted.
14. Treated water from STP should be reused to the maximum extent and balance if any should be discharged through a series of soak pits for recharging the local groundwater, as far as possible.
15. The proponent should implement the storm-water drainage plan as proposed.
16. Rainwater harvesting plan should be implemented in compliance with the Kerala Municipal Building Rules, 2019.
17. Water efficient plumbing features for saving water use should be adopted as per the plan submitted.

18. Local topography of the land profile should be maintained as such by avoiding deep cutting /filling.
19. 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).
20. Building design should cater to differently-abled citizens
21. Appropriate action should be taken to ensure that the excess rainwater runoff reaches the nearest main natural drain of the area, and if necessary, the carrying capacity of the natural drain should be enhanced to contain the peak flow
22. Buildings should be barricaded with GI sheets of 6 m. (20 feet) height and provided appropriate protection so as to avoid disturbance to other buildings nearby during construction.
23. Construction work should be carried out during day time only.
24. All vehicles, including the ones carrying construction material of any kind, should be cleaned and wheels washed.
25. All vehicles carrying construction materials should be fully covered and protected.
26. All construction material of any kind should not be dumped on public roads or pavements or near the existing facilities outside the project site.
27. Grinding & cutting of building materials should not be done in open areas. Water jets should be used in grinding and stone cutting.
28. Occupational health safety measures for the workers should be taken during the construction.
29. All vehicles during the construction phase should carry PUC certificate.
30. D.G. set should be provided with adequate stack height and acoustic enclosure and regular maintenance should be carried out periodically

Item No.12 Environmental clearance Construction of Twin Tube Unidirectional Tunnel Road (2+2 Lane) with Four Lane Approach (from existing roads) for providing direct connectivity between Anakkampoyil-Kalladi -Meppadi in Kozhikode and Wayanad. (SIA/KL/INFRA1/458848/2024)

The Committee discussed the evaluation report circulated by the three members entrusted to study the additional documents submitted by the Proponent. The Committee noted that more deliberations are required on the structural geology aspects of the area, the ground vibration characteristics in response to the tunnelling process and requirements for addressing certain ecological conservation aspects. **Therefore, the Committee decided to defer the proposal for more deliberations and requested the members to provide authenticated information for detailed deliberation and a final decision.**

Item No.13 **Environmental clearance Construction of Twin Tube Unidirectional Tunnel Road (2+2 Lane) with Four Lane Approach (from existing roads) for providing direct connectivity between Anakkampoyil-Kalladi -Meppadi in Kozhikode and Wayanad. (SIA/KL/INFRA1/458848/2024)**

Decision recorded under Item 12 above.

Item No.14 **Environmental Clearance for the Existing Steel Making and Rolling Mill of Sri. Hafeez Ulla, Director, M/s. Beepath Castings (P) Ltd for an area of 2.1 Ha at Survey Nos. 356/2 in Pudussery Central Village, Palakkad Taluk, Palakkad District.(SIA/KL/IND1/463629/2024)**

The Committee examined the proposal and discussed the Field Inspection Report conducted on 20.01.2025. **Based on discussion, the Committee decided to direct the Proponent to submit the following clarification/additional documents for further appraisal of the application.**

1. Yield data of the two Bore wells available
2. Maximum Credible Accident Analysis
3. Stack monitoring and its capacity enhancement plan
4. Renewable energy utilization plan
5. Plan for water harvesting/water recharging structures
6. Proposal for STP with capacity
7. Solid waste management plan
8. Plan for the development of Green belt
9. Facilities provided to the workers with geo-tagged photographs
10. Revised EMP incorporating all mitigation measures proposed
11. Details regarding the Implementation Committee and Monitoring Committee for the implementation of Integrated CER proposal for the BUDS Rehabilitation Centre (BRC) as suggested by SEAC in its 173rd meeting

Item No.15 **Environmental clearance Construction of Twin Tube Unidirectional Tunnel Road (2+2 Lane) with Four Lane Approach (from existing roads) for providing direct connectivity between Anakkampoyil-Kalladi -Meppadi in Kozhikode and Wayanad. (SIA/KL/INFRA1/458848/2024)**

Decision recorded under Item 12 above.

Item No.16 **Environmental Clearance for the Expansion rolling mill by M/s. Kairali Steels and Alloys Pvt. Ltd for an area of 7.81 acres at sy.nos. 250/2,3,4,5,6 and 258 in Pudussery Central Village, Palakkad Taluk District. (SIA/KL/IND1/490474/2024)**

The Committee examined the proposal and discussed the Field Inspection Report conducted on 20.01.2025. **Based on discussion, the Committee decided to direct the Proponent to submit the following clarification/additional documents for further appraisal of the application.**

- a. Details of the Case mentioned in the application
- b. Plan for Renewable energy resource utilization
- c. Stack monitoring data and capacity enhancement plan
- d. Landscape management plan for the vacant areas
- e. Plan for maintaining the river bank on southern boundary
- f. Plan for addressing concerns raised by local public during Public consultation
- g. Revised EMP incorporating all the site specific activities along with the above mentioned activities
- h. Revised CER as per the guidelines of SEIAA

Item No.17 **Environmental Clearance for the Existing Re-Rolling mill of Ms. Richa Tania, Managing Director, M/s. Palakkad Steels Pvt. Ltd. for an area of 0.324 ha at Survey Nos. 592-1B, IDA Kanjikode, Pudussery Village, Palakkad Taluk, Palakkad District.(SIA/KL/IND1/463490/2024)**

The Committee examined the proposal and discussed the Field Inspection Report conducted on 20.01.2025. **Based on discussion, the Committee decided to direct the Proponent to submit the following clarification/additional documents for further appraisal of the application.**

1. Maximum Credible Accident Analysis
2. Stack monitoring and its capacity enhancement plan
3. Renewable energy utilization plan
4. Proposal for STP with capacity
5. Solid waste management plan
6. Plan for the development of Green belt
7. Facilities provided to the workers with geo-tagged photographs
8. Revised EMP incorporating all mitigation measures proposed
9. A combined Corporate Environmental Responsibility (CER) program in alignment with other industries

Item No.18 **Environmental Clearance for the Existing Mild Steel Re-Rolling mill of Sri. Rathan Lal Tantia, Managing Director, M/s. Lal Steels Pvt. Ltd. for an area of 0.607 Ha at Survey No. 407/1 in Pudussery Central Village, Palakkad Taluk, Palakkad District. (SIA/KL/IND1/463347/2024)**

The Committee examined the proposal and discussed the Field Inspection Report conducted on 20.01.2025. **Based on discussion, the Committee decided to direct the Proponent to submit the following clarification/additional documents for further appraisal of the application.**

1. Maximum Credible Accident Analysis
2. Stack monitoring and its capacity enhancement plan
3. Renewable energy utilization plan
4. Proposal for STP with capacity
5. Solid waste management plan
6. Plan for the development of Green belt
7. Facilities provided to the workers with geo-tagged photographs
8. Revised EMP incorporating all mitigation measures proposed
9. A combined Corporate Environmental Responsibility (CER) program is in alignment with other industries

The meeting concluded at 5 pm with a vote of thanks to the Chair.

The Committee decided to convene its 180th SEAC meeting on 25th February 2025

Sd/-
Suneel Pamidi, IFS
Member Secretary, SEAC

Sd/-
Dr. R. Ajayakumar Varma
Chairman, SEAC

LIST OF PARTICIPANTS:

Sl.No.	Name	11.02.2025	12.02.2025	13.02.2025
1.	Dr. R. Ajayakumar Varma (Chairman)	✓	✓	✓
2.	Sri. S. Sheik Hyder Hussain	✓	✓	✓
3.	Dr. A. Bijukumar.	X	X	X
4.	Dr. A.N. Manoharan	✓	✓	✓
5.	Shri. M. Dileepkumar	X	X	X
6.	Dr. C.C. Harilal	✓	✓	✓
7.	Dr.K.VasudevanPillai	✓	✓	✓
8.	Dr. Mahesh Mohan	✓	✓	✓
9.	Dr. K.N. Krishna kumar	X	X	X

10.	Sri. V. Gopinathan	√	√	√
11.	Dr. A.V. Raghu	√	√	√
12.	Dr. N. Ajithkumar	√	√	√
13.	Suneel Pamidi (Secretary)	√	√	√