

**MINUTES OF THE 203rd SEAC-1 (SOUTH ZONE) MEETING HELD IN VIRTUAL
MODE ON 18th APRIL 2026.**

The meeting commenced at 10.00 AM on 18.04.2026. Sri. Anirud Kumar Dharni IFS (Retd), Chairman, SEAC-1 Kerala, chaired the meeting. The Committee discussed the agenda items in detail and took the following decisions:

Item No. 1 **Noting the Minutes of the 200th SEAC meeting held on 16th and 17th March 2026.**

Noted and confirmed the minutes of the 200th SEAC-1 meeting.

Physical Files

Item No. 02 **Information regarding the decision of the 162nd Meeting of SEIAA Kerala on Ex-Post Facto Environmental Clearance (EC) for building and construction projects pending under SOP dated 07.07.2021.**

The Committee noted the decision of the 162nd SEIAA meeting with regard to the processing of Ex-Post Facto Environmental Clearance (EC) applications for building and construction projects pending as per SOP dated 07.07.2021 and decided to appraise the specified pending violation proposals in line with the directions of the Authority.

Item No. 03 **Environmental Clearance issued to Sri. Nitheesh Babu B.S for an area of 1.3552 Ha at Block No. 29, Re-Sy Nos. 119/1, 119/2, 120/1, 120/2, 120/3, 120/11, 120/12 in Manickal Village, Nedumangad Taluk, Thiruvananthapuram – Order dated 12.02.2026 in WP (C) No. 10381/2024 filed by Manickal Grama Panchayath and Others (2638/EC3/2024/SEIAA)**

The Committee noted that Environmental Clearance was issued to Sri. Nitheesh Babu B.S. for the quarry project for an extent of 1.3552 Ha in Manickal Village, Nedumangad Taluk, Thiruvananthapuram vide order dated 02.08.2022, and that the matter is presently under consideration in connection with WP(C) No. 10381/2024 filed by Manickal Grama Panchayat and others challenging, among other things, the deemed licence and the Environmental Clearance.

The Committee further noted that the writ petition was originally disposed of on 24.09.2025 with directions to the Board to hear the Panchayat, the 8th respondent and other stakeholders, while observing that quarrying could not be stopped so long as the deemed licence remained valid and operative. Thereafter, in W.A. No. 2645/2025, the Division Bench on 06.11.2025 set aside the earlier judgment and restored the writ petition for consideration on merits, and later the Hon'ble High Court, vide order dated 12.02.2026 in WP(C) No. 10381/2024, directed SEIAA to consider and pass necessary orders within one month after affording an opportunity of hearing to the petitioner, the 8th respondent and other relevant stakeholders.

The Committee noted that, in compliance with the above direction, the SEIAA, in its 163rd meeting held on 12th and 13th March 2026, heard the PP, the Petitioners of the WP(C).

The Committee also noted the decision of the 163rd SEIAA meeting that: (i) the averments and submissions made by the Panchayat shall be furnished to the Project Proponent for detailed remarks, (ii) the Tahsildar concerned shall verify and report on the status and nature of the land, particularly whether it is assigned land and whether quarrying is permissible therein, (iii) the SEAC shall conduct a site inspection to verify the cluster situation, inter-se distance between quarries, compliance with buffer distance requirements and overall compliance with EC conditions, and (iv) compliance with the directions of the Hon'ble High Court shall be intimated to the Standing Counsel.

The Committee discussed the matter in detail and observed that the direction issued by the Authority requires factual verification in the field with specific reference to the alleged cluster situation, inter-se distance between nearby quarries, statutory buffer distance, and compliance status of the conditions stipulated in the Environmental Clearance.

In the above circumstances, the Committee decided to accept the direction of the SEIAA and to conduct a field inspection of the project site and surrounding area for verification of the following aspects:

- 1. The existence of any cluster situation and the status of nearby quarrying operations within the relevant radius.**
- 2. The inter-se distance between the subject quarry and nearby quarries/projects.**

3. **Compliance with statutory buffer distance requirements, including the distance from nearby buildings, roads and other sensitive features, wherever applicable.**
4. **The compliance status of the Environmental Clearance conditions and the present environmental safeguards provided at the site.**
5. **Any other relevant environmental or compliance issue noticed during inspection having a bearing on the matter under consideration.**

For the verification of the above matters, and the ground truthing, the Committee decided to entrust the Sub-Committee, including Dr. Ansari Jamal and Dr. Rajendraprasad.

PARIVESH FILES (Ver-1)

Item No. 1 Environmental Clearance for the Proposed Granite Building Stone Quarry of Sri. Pradeep Kumar for an area of 4.2567 Hectares at Block No.-22, Re-Survey Nos. 129/1pt, 131/5pt, 131/6pt & 131/7pt in Pullampara Village, Nedumangadu Taluk, Thiruvananthapuram (SIA/KL/MIN/186383/2020; 1887/EC1/2021/SEIAA)

The Committee noted that the proposal is in PARIVESH 1.0 portal and the item was placed before various SEAC meetings and sought several additional details as part of the appraisal. The proposal was presented before the SEAC in the 129th SEAC meeting held during 8th- 10th June 2022. Based on the presentation, 9 additional documents were sought by the SEAC on 04.07.2022, and the documents were submitted by the Project Proponent only on 19.03.2026. The Committee verified the documents and noted that the total project cost is Rs. 2,35,00,000. As per the cluster certificate dated 09.06.2025, there is no working quarry is located within 500m radius of the proposed quarry. The Environmental Management Plan was prepared by a NABET-accredited agency, and the amount allocated for EMP is 11,00,000 as capital cost and the recurring amount as 4,05,000 per annum. As per the survey map, there is a thodu on the northern side of the project around 55-60 m from the boundary. Also, houses can be seen at 53m. Activities in Santhi Mandiram Charitable Trust (Psycho Social Rehabilitation Centre), Vembayam Panchayath, Nedumangad, Thiruvananthapuram, were suggested as the CER. A detailed drainage plan was also submitted by the Project Proponent. The OB dump location was also marked on the map submitted by the PP. Further, the committee noted that

the Project Proponent had submitted the land susceptibility map and boulder management plan instead of the details requested by SEAC; the work plan for ensuring slope stabilisation in the project area and its surroundings. The Committee also noted the NOC forwarded by the Project Proponent from the Kerala Water Authority.

In this circumstance, the Committee decided to entrust the subcommittee of Dr. Ansari Jamal and Dr. Rajendraprasad with the field inspection and report. The Subcommittee shall also verify the additional documents submitted by the PP as sought in the previous meeting.

Item No. 2 Environmental Clearance for the Development of Technocity Technology Park in Veiloor, Pallipuram, Andoorkonam, Melthonnakkal Villages, Thiruvananthapuram Taluk & District., Kerala (SIA/KL/MIS/62018/2020, 1588/EC1/2020/SEIAA)

The Committee noted that the proposal was placed in various SEAC meetings and presented in the 177th SEAC meeting. Based on the discussion in the 177th meeting, the Committee sought certain details on 31.01.2025, and the reply was received on 14.03.2026. The Committee decided to defer the proposal by entrusting the subcommittee of Dr. Ansari Jamal and Dr. Rajendraprasad with the detailed verification of the Additional Documents submitted by the Project Proponent.

PARIVESH Ver. 2.0

Item No. 01 Environmental Clearance for the Granite Building Stone Quarry project of Sri. Syju Lekshman for an area of 4.998 ha at Block no. 41, Re-Sy Nos. 322/2-2-1, 322/1, 322/6, 323/3, 324/6, 324/9-2, 324/6-3, 324/5-2, 324/3-2, 324/3-3, 324/4 (Private land), 325/1, 322/3, 323/2, 323/6, 323/7 & 324/3 (Govt. land) in Chadayamangalam Village, Kottarakkara Taluk, Kollam District- (SIA/KL/MIN/469043/2024)

As invited, the Project Proponent, Sri. L Syju and the consultant Sri. Saurabh Sakhre from NIIST attended the online hearing before the Committee.

The Committee noted that the application for Environmental Clearance was recommended for rejection by the SEAC in its 186th meeting due to various reasons. Further, the proposal was considered by SEIAA and referred back to SEAC to afford a personal hearing to the Project Proponent, specifically on the aspects and factors recorded to reject the proposal and to re-examine the proposal and submit its final recommendation to the Authority, considering any additional submissions or clarifications made during the hearing.

The Project Proponent vide email dated 07.03.2026 submitted a comprehensive EMP plan prepared by CSIR-NIIST for the cluster quarries proposed, including M/s Shah quarry. The consultant presented the revised EMP addressing the ten previous grounds for EC rejection. He argued that the project area, a cluster of one operational and two proposed quarries is not ecologically fragile or adversely affects significant ecosystem services. To manage cumulative impacts, the plan proposes sequential block mining, ensuring only one quarry operates at a time to mitigate air and noise pollution. To prevent groundwater intersection, the consultant demonstrated that mining depths (ranging from 45m to 75m) will maintain a safe distance above the local water table. Proposed mitigation includes storm water management through garland drains and sedimentation tanks, alongside aquifer recharge via infiltration basins. Slope stability will be maintained through systematic bench mining in hard crystalline rock, using inward and outward mining directions and vibration monitoring. The proponent identified 34 residential houses within a 250m buffer and committed to compensating or relocating residents if deemed necessary by the committee. Dust control will be managed via water sprinkling, while vibrations will be kept within limits through non-electric blasting and delayed detonation. Further safety measures include terracing for overburden (OB) dump management and widening pinched road segments to facilitate safe traffic movement. The committee noted that the revised EMP was submitted on 07.04.2026, but it was not visible probably due to a technical glitch. Regarding past performance, the consultant admitted the proponents have **not yet fully closed any previous quarries**. As a policy SEAC1 is not recommending EC till the previous mines are closed according to the approved plan.

After detailed deliberations, the Committee resolved to constitute a Sub-Committee comprising Dr Ansari Jamal and Dr Rajendraprasad to conduct a comprehensive field inspection and submit a reasoned report for further consideration.

The Sub-Committee shall conduct a scientifically robust and evidence-based assessment of the site and its surroundings, with particular emphasis on the following aspects:

1. Environmental Fragility and Ecological Sensitivity:

Undertake a detailed appraisal of the ecological characteristics of the project area, including terrain stability, slope gradients, landform integrity, vegetation cover, proximity to ecologically sensitive areas, and susceptibility to geo-environmental hazards such as landslides, soil erosion, and habitat disturbance. The assessment shall be supported by field observations, geospatial analysis, and relevant secondary data.

2. Hydrological Regime and Water Resources Impact:

Critically evaluate the potential and existing impacts of the project on the local and regional hydrological systems, including surface drainage patterns, groundwater recharge and discharge zones, aquifer characteristics, seasonal flow variations, and potential risks of water depletion, contamination, or alteration of natural drainage courses.

3. Compliance Status and Violation History:

Examine the past conduct of the Project Proponent with reference to statutory environmental clearances, including scrutiny of any recorded violations, non-compliances, litigation history, or enforcement actions under applicable environmental laws. The compliance status of all existing quarry operations under the control or ownership of the Project Proponent shall be verified against the conditions stipulated in prior Environmental Clearances.

4. Cumulative Impact Assessment:

Assess the cumulative environmental impacts arising from the cluster of quarries in the region, considering both existing and proposed operations. This shall include analysis of combined effects on air quality, noise levels, hydrology, traffic load, landscape alteration, and ecological integrity, taking into account carrying capacity and threshold limits of the area.

5. Ground-Truthing of Committee Observations:

Undertake a detailed verification of on-ground conditions in relation to the observations and concerns previously recorded by the Committee, particularly those that formed the basis for recommending rejection of the proposal. The Sub-Committee shall validate

whether such concerns persist, have been mitigated, or warrant reconsideration based on current site conditions.

The Sub-Committee shall adopt a transparent and methodical approach, supported by photographic evidence, geo-referenced data, stakeholder inputs (wherever necessary), and relevant statutory guidelines, and shall submit a comprehensive, well-reasoned report with clear findings and recommendations for the consideration of the Committee.

Item No. 02 **Environmental Clearance for the Granite Building Stone Quarry project of Sri. K J Thomaskutty, M/s Shah Quarry for an area of 4.8894 ha at Block no. 41, Re-Sy Nos. 320/1, 320/1-2, 320/1-3, 320/1-4, 320/1-5, 320/1-2-2, 320/2-3, 320/2-4, 320/2-5, 320/2-6, 320/2-8, 320/2-10, 322/2-2, 322/2-3, 322/5, 326/2-2, 325/3, 324/5-1, 324/7, 324/5-1-2, 318/1-6, 320/3, 321/15, 321/28, 321/16, 322/7, 322/4 & 318/1-2 in Chadayamangalam Village, Kottarakkara Taluk, Kollam District- (SIA/KL/MIN/468799/2024)**

As invited, the Project Proponent Sri. K J Thomaskutty, and the consultant Sri. Saurabh Sakhre from NIIST attended the online hearing before the Committee, and the points were presented by the consultant.

The Committee noted that the application for Environmental Clearance was recommended for rejection by the SEAC in its 186th meeting due to 8 specific reasons. Further, the proposal was considered by SEIAA and referred back to SEAC to afford a personal hearing to the Project Proponent, specifically on the aspects and factors recorded to reject the proposal and to re-examine the proposal and submit its final recommendation to the Authority, considering any additional submissions or clarifications made during the hearing. Accordingly, the hearing intimation was given to the project proponent well in advance and the Project Proponent was absent during the meeting. In these circumstances, the Committee decided to grant one more final hearing opportunity to the project proponent and invited the proponent for the hearing in the 203rd meeting.

The matter was presented along with the previous proposal (item No.1. **SIA/KL/MIN/469043/2024**) and the points raised by the consultant were similar to both the proposals.

After detailed deliberations, the Committee resolved to constitute a Sub-Committee comprising Dr Ansari Jamal and Dr Rajendraprasad to conduct a comprehensive field inspection and submit a reasoned report for further consideration.

The Sub-Committee shall conduct a scientifically robust and evidence-based assessment of the site and its surroundings, with particular emphasis on the following aspects:

1. Environmental Fragility and Ecological Sensitivity:

Undertake a detailed appraisal of the ecological characteristics of the project area, including terrain stability, slope gradients, landform integrity, vegetation cover, proximity to ecologically sensitive areas, and susceptibility to geo-environmental hazards such as landslides, soil erosion, and habitat disturbance. The assessment shall be supported by field observations, geospatial analysis, and relevant secondary data.

2. Hydrological Regime and Water Resources Impact:

Critically evaluate the potential and existing impacts of the project on the local and regional hydrological systems, including surface drainage patterns, groundwater recharge and discharge zones, aquifer characteristics, seasonal flow variations, and potential risks of water depletion, contamination, or alteration of natural drainage courses.

3. Compliance Status and Violation History:

Examine the past conduct of the Project Proponent with reference to statutory environmental clearances, including scrutiny of any recorded violations, non-compliances, litigation history, or enforcement actions under applicable environmental laws. The compliance status of all existing quarry operations under the control or ownership of the Project Proponent shall be verified against the conditions stipulated in prior Environmental Clearances.

4. Cumulative Impact Assessment:

Assess the cumulative environmental impacts arising from the cluster of quarries in the region, considering both existing and proposed operations. This shall include analysis of combined effects on air quality, noise levels, hydrology, traffic load, landscape alteration,

and ecological integrity, taking into account carrying capacity and threshold limits of the area.

5. Ground-Truthing of Committee Observations:

Undertake a detailed verification of on-ground conditions in relation to the observations and concerns previously recorded by the Committee, particularly those that formed the basis for recommending rejection of the proposal. The Sub-Committee shall validate whether such concerns persist, have been mitigated, or warrant reconsideration based on current site conditions.

The Sub-Committee shall adopt a transparent and methodical approach, supported by photographic evidence, geo-referenced data, stakeholder inputs (wherever necessary), and relevant statutory guidelines, and shall submit a comprehensive, well-reasoned report with clear findings and recommendations for the consideration of the Committee.

Item No.03 **Environmental Clearance for the Granite Building Stone Quarry of Shri. S. Raveendran, Managing Director, M/s. Raveendra Rock Products Private Limited at Re-Sy Block No: 27, Re-Sy. Nos: 132/2, 132/2-1, 132/2-2, 132/2-3, 137/1-2, 137/2, 137/3, 137/4, 137/5, 137/6, 137/7, 137/8, 137/8-1, 137/9, 137/10, 137/11, 137/12-1, 137/12-2, 138/3, 138/4, 138/5, 138/6, 138/7-2, 138/8, 139/2, 139/2- 2, 139/3, 139/4, 139/5, 139/6, 139/7, 139/7-1, 139/10 & 139/11 in Ezhumattoor Village, Mallappally Taluk, Pathanamthitta.**

(SIA/KL/MIN/479878/2024)

The Committee discussed the Additional documents submitted by the Project Proponent and found them satisfactory. The ToR for the proposed project was approved vide letter no. SIA/KL/MIN/422416/2023, 2240/EC1/2023/SEIAA dated 17.06.2023. The project cost is 788.5 Lakhs. The mineable reserve proposed as per the revised mining plan dated 14.02.2025 is 11,51,687.50T for a mine life of 7 years. The thickness of the overburden ranges from 0 to 2.2m. The highest elevation in this area is 160m above MSL, and the lowest elevation is 95 m AMSL as per the contour map. However, the lowest elevation within the proposed area is 78.6m above MSL (lowest level of the existing pit). The ultimate pit proposed is at 85m AMSL. The nearest habitation is located at a distance of 110m from the project boundary. The

Public Hearing for the Proposed Project was held on 21.03.2024 at St. Marthomma church, Mallappally. The depth to water table is 5m bgl as per the hydrology map provided.

After due deliberation, the Committee decided that further consideration of the proposal shall be taken up only after the finalisation of the revised DSR prepared in accordance with the guidelines issued by the MoEF&CC dated 25.07.2018.

The Committee further decided that, if the proposal is subsequently recommended for Environmental Clearance (EC) for a project life of 7 years, based on the revised DSR, in addition to the following specific conditions, the general conditions, all the other specific conditions applicable to all mining projects, included in the concluding part of the minutes, may be stipulated while issuing the EC.

- 1. The mining shall be done based on the revised approved mining plan dated 14.02.2025.**
- 2. A protection wall with a height of 5m shall be established between the adjacent mined-out pits.**
- 3. Compensatory afforestation for a total area of 1.1043 Ha as proposed, shall be completed within 2years.**

Item No.04 Environmental Clearance for the proposed Granite Building Stone Quarry Project of Sri. Murali K K for an area of 0.9989 Ha at Sy. Nos. 726/1-44, 726/1-44, 726/1-45-2, 726/1-45 in Kalloorkad Village, Muvattupuzha Taluk, Ernakulam (SIA/KL/MIN/493751/2024)

The Committee verified the additional document submitted by the Project Proponent with regard to the NOC Proceedings No. A1-2829/NOC/2025-26 dated 20.12.2025 from the Executive Engineer, Irrigation Division, Ernakulam, subject to 14 conditions and the Bank Guarantee worth Rs.25 Lakh to the Executive Engineer, Irrigation Division, Ernakulam. The Committee found it satisfactory.

The total project cost is Rs. 1 crore, of which Rs.9 Lakh is allocated for the EMP. The targeted production of mine will be 178633 T. The expected life of mine is estimated to be about 2 years. The highest elevation is 124 m AMSL, and the lowest is 78 m AMSL. The

ultimate mining depth is 65 m AMSL. Distance to medium hazard zone is 8.53 km and distance to high hazard zone is 12.9 km.

After due deliberation, the Committee decided that further consideration of the proposal shall be taken up only after the finalisation of the revised DSR prepared in accordance with the guidelines issued by the MoEF&CC dated 25.07.2018.

The Committee further decided that, if the proposal is subsequently recommended for Environmental Clearance (EC) for a project life of 2 years, based on the revised DSR, in addition to the general conditions, all the other specific conditions applicable to all mining projects, included in the concluding part of the minutes may be stipulated while issuing the EC.

Item No. 05 Reappraisal of Environment Clearance from DEIAA to SEIAA to the Granite Building Stone Quarry of Sri. V. Somasekharan Nair for an area of 4.5116 Ha. at Block No. 41, Re-Sy No. 214/11 pt, 214/11- 3 pt, 214/7 pt, 214/19 pt, 212/12 pt, 212/2-2, 212/3-1, 212/3-1-1, 212/3-2, 212/6 pt, 212/13 pt, 212/10 pt, 212/10-1 pt, 212/7 pt, 212/16, 212/9 pt, 212/1, 212/1-1, 211/12 pt, 211/13, 211/17, 211/11 pt, 211/16 pt, 211/4 pt, 210/27, 210/26 pt, 232/10 pt, 232/3, 232/2, 213/9, 213/9-1 pt & 213/12 pt at Aruvikkara Village, Nedumangad Taluk, Thiruvananthapuram. (Proposal No. SIA/KL/MIN/494061/2024)

The Committee verified the additional document submitted by the Project Proponent with regard to the phase-wise greenbelt development and compensatory afforestation plan, onsite shelter facilities, post mining land use, elevation details, CER and NOC from Irrigation department and found them satisfactory.

As per the application, the ToR for the proposed project was approved vide letter No. SIA/KL/MIN/454714/2023, 2468/EC3/2023/SEIAA dated 03.04.2024. The application is for reappraisal of DEIAA issued EC dated 23.11.2018 for a period of 5 years. The lease deed was executed for a period of 10 years from 07.03.2019 to 06.03.2029. As per the Approved mining plan, the life of mine is 10 years with a total mineable reserve of 26,87,415 MT. The quantity mined out from the proposed area is 10,87,420 MT up to 25.07.2023. The quantity mined out from the period of 26.07.2023 to 12.01.2024 is reported as 87,250 MT. The quantity mined out

from outside the lease area is 3,085 MT. The quantity mined out from the buffer zone is 21,044 MT, and that from outside the lease area is 3,085 MT. The PP has obtained a demand notice on 14.11.2023 for the illicit mining of 62,815 MT of resources and for that remitted an amount of Rs. 60,13,699/- on 23.11.2023. The quantity mined out for 2023-24 is 1,86,063.39 MT. Therefore, the balance reserve available is 14,88,616 MT as per the scheme of mining. Total project cost is Rs. 4.57 Crores, out of which Rs. 2.26 Crores has been allocated to the capital cost of EMP and Rs. 26.49 as recurring cost for the same. Amount allocated for CER is Rs. 31,04,486/-. The highest elevation is observed as 185 m AMSL, and the lowest elevation is observed as 120 m AMSL. Distance to low hazard zone is 6.08 km, SE from BP1, medium hazard zone is 13.56 km, NE from BP 13 and the high hazard zone is 14.62 km, NE from BP 16.

Project Proponent has extracted mineral resources in excess, including from the buffer zone and areas beyond the sanctioned lease boundary, and has not submitted an Environmental Damage Assessment Report for the said violations. A duly prepared Environmental Damage Assessment Report by a NABET accredited consultant should be submitted by the project proponent for the further appraisal of the proposal.

**Item No.06 Environmental Clearance for the proposed Granite Building Stone Quarry Project of Sri. Gimmy George for an area of 0.9965 Ha at Survey No.529/1B2, 530/1A2 in Manjalloor Village, Muvattupuzha Taluk, Ernakulam
(SIA/KL/MIN/524781/2025)**

The Committee verified the additional document submitted by the Project Proponent with regard to the revised EMP prepared by the NABET-accredited agency – PARIVESH Environmental Engineering Services, proposed OB dump area and plan for OB protection, revised compensatory afforestation plan and soil thickness at multiple locations, geotagged photos of pits and exposed rock surfaces. The committee found that the documents and details are satisfactory.

As per the mine plan, the total mineable reserve is 2,12,053 MT, and the proposed life of mine is 3 years. The project cost is Rs.1 crore and the amount allocated for EMP is Rs. 15,40,000 as capital cost and Rs. 4,89,999 as recurring cost. The distance to medium hazard zone is 4.63 km and the distance to high hazard zone is 6.33 km. Lowest elevation is 80 AMSL

and highest elevation is 120 AMSL. The depth of mining is 80 m above MSL and there will be no pit formation. The water table is 59 m AMSL as per the nearest open well water level.

After due deliberation, the Committee decided that further consideration of the proposal shall be taken up only after the finalisation of the revised DSR prepared in accordance with the guidelines issued by the MoEF&CC dated 25.07.2018.

The Committee further decided that, if the proposal is subsequently recommended for Environmental Clearance (EC) for a project life of 3 years, based on the revised DSR, in addition to the general conditions, all the other specific conditions applicable to all mining projects, included in the concluding part of the minutes may be stipulated while issuing the EC.

Item No.07 Environmental Clearance for the proposed Granite Building Stone Quarry Project of Sri. Roy Jacob, M/s Beekay Granites Pvt Ltd. for an area of 1.4894 Ha at Block No. 37, Survey No. 44/3 in Vellinalloor Village, Kottarakkara Taluk, Kollam

(SIA/KL/MIN/543036/2025)

The committee verified the additional documents submitted by the proponent regarding details of abandoned quarry pits and a detailed OB dump plan and found them not satisfactory.

Hence, after detailed deliberations, the Committee decided to direct the Project Proponent to submit the following additional documents:

- 1. Mine closure certificate of the quarry owned by the PP, from the Mining and Geology Department, after implementing the mine closure plan.**
- 2. Details of penalties imposed by the Mining and Geology Department, if any.**
- 3. The CCR from the IRO, Bangalore, MoEF&CC for the adjacent quarry of the PP.**

Item No.08 Environmental Clearance application for the Granite Building Stone Quarry Project of Sri. Shibin William Varghese, M/s Nalayyath

Granites, at Survey Nos. 120/1-12, 120/1-14 for an area of 0.9546 Ha. in Erumeli South Village, Kanjirappally Taluk, Kottayam (SIA/KL/MIN/543420/2025)

The committee discussed the evaluation of EIA report in detail. As per the approved mine plan, total mineable reserve is 273195MT and life of mine is for 5 years. The total project cost is Rs. 2,09,17,667/-. Total cost of the EMP including the CER is Rs. 68,77,379/-. The Distance to the high hazard zone is 359.19 m away from the project site. The highest elevation is 138m AMSL and lowest is 112m AMSL as per the approved mining plan. The ultimate pit depth is 90m AMSL. As per the CGWB groundwater monitoring well at an elevation of 78m AMSL, from 1km NW of the project area, the water depth varies from 0.96 to 5.76m BGL.

After due deliberation, the Committee decided that further consideration of the proposal shall be taken up only after the finalisation of the revised DSR prepared in accordance with the guidelines issued by the MoEF&CC dated 25.07.2018.

The Committee further decided that, if the proposal is subsequently recommended for Environmental Clearance (EC) for a project life of 5years, based on the revised DSR, in addition to the general conditions, all the other specific conditions applicable to all mining projects, included in the concluding part of the minutes may be stipulated while issuing the EC.

Item No.09 Environmental Clearance for the Granite Building Stone Quarry of Sri.R. Sreedharan Nair, Managing Director, M/s. Malleil Industries Private Limited for an area of 2.9050Ha at Block No: 34, Re-Survey. Nos: 195, 69/2, 69/7, 192/30, 68/9 in Airavan Village, Konni Taluk, Pathanamthitta (SIA/KL/MIN/530279/2025)

The Committee discussed the Field inspection Report in detail and noted the recommendations made by the subcommittee.

After detailed deliberations, the Committee decided to direct the Project Proponent to submit the following additional documents:

- 1. Hydrogeological survey considering the depth to water table and ultimate depth of mining**

2. **Revised CER with specific location of implementation and beneficiary details.**
3. **Plantation monitoring plan to ensure survival and growth rate of plantations.**
4. **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 for the survey.**

Item No. 10 Environmental Clearance for the Proposed Group Housing Project, GREEN VISTAS – “PRAKRITI” of Sri. Saurabh Gulechha, Chief Operating Officer, M/s Green Vistas Infrastructure Projects at Re-survey No.359/3, in Kakkanad Village, Thrikkakara Municipality, Kanayanur Taluk, Ernakulam (File No.1189(A)/EC2/2018/SEIAA) (Proposal No.SIA/KL/INFRA2/547905/2025)

The issue involves the application for Environmental Clearance (EC) concerning the "Green Vistas-Prakriti" group housing project (with a built-up area of 75,886 m² and 500 apartments) by M/s Green Vistas Infrastructure Projects located in Kakkanad Village, Ernakulam. This project is classified as a violation case under the EIA Notification of 2006, as construction began and advanced without obtaining the necessary prior EC. Nonetheless, municipal permits and partial occupancy certificates have been acquired. Even though the MoEF & CC provided Terms of Reference (ToR) in line with the 2017 amnesty notification, which included strict prohibitions on any further work, a 2019 inspection by a SEAC sub-committee found on-going construction, a non-operational STP, and clear ToR violations. As a result, SEIAA issued stop orders and instructed KSPCB to initiate legal action under the Environment (Protection) Act.

The situation resulted in extended legal proceedings in the Hon'ble High Court of Kerala, with the evaluation process being further delayed due to a Supreme Court suspension of the MoEF & CC's Violation Standard Operating Procedure (SOP) from July 2021. These legal obstacles were recently cleared after the Hon'ble Supreme Court's decision on 18th November 2025 (CREDAI v. Vanashakthi), which confirmed the legitimacy of the 2017 Violation Notification and the 2021 SOP. In light of this ruling, SEIAA, during its 161st meeting on 17th January 2026, instructed SEAC to continue the evaluation of the long-standing application in line with the current MoEF & CC ToR and the EIA Notification, 2006. Following

this instruction, the project proponent submitted a revised Damage Assessment and Remediation Plan via email on 13th February 2026. The remediation plan was scrutinized by the Committee.

The Committee noted that the Environmental Damage has not been calculated according to the set norms. As it is a Building and Construction project, the primary environmental damage is caused to the soil and water environments of the project land and adjoining areas. Environmental damage to the land and biological environment has not been addressed in the report. No proposal/mitigation suggested has been included in the report for the restoration and conservation of soil and groundwater resources in the area. In addition, even for the figures given in the report, the background information is missing. The Committee, upon detailed deliberations, decided the following:

Upon detailed deliberation, the Committee decided the following:

- 1. The above observations shall be reported to SEIAA, Kerala, with the recommendation that further appraisal of the proposal may be undertaken only after the PP submits a revised and comprehensive report rectifying all the deficiencies.**
- 2. PP shall be directed to make a detailed presentation of the revised Environmental Damage Assessment Report, specifically addressing all the observations, discrepancies, and deficiencies pointed out by the Committee.**

Item No.11 Environmental Clearance for the proposed Construction of Residential Apartment project – “Dolphin Bay” of M/s Abad Builders at Re-Sy. Nos. 35/2-2, 39/16-2, 39/1-2, 39/3-2, 39/2-2-2 in Muluvukad Village, Kanayannur Taluk, Ernakulam - Presentation – Reg (SIA/KL/INFRA2/549040/2025)

As invited, the authorised person of the Project Proponent Smt. Safa Muhammed, Sri. Mithesh Patel, EIA consultant and Sri. Snehal Sathyapanthi, EIA coordinator were present online for the presentation. The EIA consultant presented the proposal in detail along with the drone video. Total land area of the project is 6092 sqm and the total built up area is 25,330.40 sqm. The FSI of the proposed project is 2.95. The project consists of G+24+Terrace floors with a height of 92.28m. The STP Capacity is 70KLD with MBBR Technology. The rainwater harvesting tank capacity proposed is 73,800L. The baseline data collection was carried out

from 13.08.2025 to 20.08.2025. Total area proposed for the greenbelt is 0.201 Ha. 50% of the total terrace area will be utilized for installing solar panels to meet a significant portion of the building's power demand. The amount allocated for the implementation of Environmental Management Plan for the construction phase is Rs. 278.5 Lakh, and Rs. 55.05 Lakh for the operational phase. Total project cost is Rs. 5700 Lakh and the amount allocated for the CER is Rs. 141 Lakh. During the presentation, the consultant pointed out that they had submitted the application for CRZ clearance and is yet to be received. The Committee also noticed that, as per Form 1A, the total built up area is 26500 sqm, the height of the building is 89m and the total floor is G+26+terrace, which are different from the presented details.

In this circumstance, the Committee decided to direct the Project Proponent to provide clarification on the discrepancy noticed above and to furnish the CRZ Clearance and revised CER proposal for further appraisal of the project.

Item No.12 Environmental Clearance for the proposed Construction of Residential Apartment project – “Dolphin Wave” of M/s Abad Builders at Re-Sy. No. 35/2 in Muluvukad Village, Kanayannur Taluk, Ernakulam - Presentation – Reg (SIA/KL/INFRA2/549152/2025)

As invited, the authorised person of the Project Proponent Smt. Safa Muhammed, Sri. Mithesh Patel, EIA consultant and Sri. Snehal Sathyapanthi, EIA coordinator were present online for the presentation. The EIA consultant presented the proposal in detail along with the drone video. Total land area of the project is 5605 sqm and the total built up area is 24206.01 sqm. The FSI of the proposed project is 3.21. The project consists of Ground Floor + 23 Floor + Terrace Floor with a height of 83.75m. The STP Capacity is 60KLD with MBBR Technology. The rainwater harvesting tank capacity proposed is 60,220L. The baseline data collection was carried out from 13.08.2025 to 20.08.2025. Total area proposed for the greenbelt is 0.14 Ha. 50% of the total terrace area will be utilized for installing solar panels to meet a significant portion of the building's power demand. The amount allocated for the implementation of Environmental Management Plan for the construction phase is Rs. 292.6 Lakh, and Rs. 63.85 Lakh for the operational phase. Total project cost is Rs. 11672 Lakh and the amount allocated for the CER is Rs. 136 Lakh. During the presentation, the consultant pointed out that they had submitted the application for CRZ clearance and is yet to be received.

The Committee also noticed that, the PP has not submitted the Form 1A. Also, as per presentation submitted along with the application, the total built up area is 27110 sqm, the height of the building is 89m and the total floor is G+24+terrace which are different from the presented details.

In this circumstance, the Committee decided to direct the Project Proponent to provide clarification on the discrepancy noticed above and to furnish the Form 1A and CRZ Clearance and revised CER proposal for further appraisal of the project.

Item No. 13 Environmental Clearance application for the Laterite Building Stone Quarry Project of Sri. Komalan M., for an area of 0.1829Ha, Re Survey Block No.16, Re Survey Nos-186/8, 186/6 in Vallikunnam Village, Mavelikkara Taluk, Alappuzha (SIA/KL/MIN/552736/2025)

As invited, the EIA consultant Sri. K.R Haneesh and the Project Proponent Sri. Komalan were present online for the meeting. The original RQP Sri. Mahammed Kunhi had authorised Sri. K.R Haneesh for representing him for the presentation of the proposal. The EIA consultant presented the project along with a drone video of the project site. The Project Proponent had submitted the application in Form 1, along with the Mining Plan, Pre-Feasibility Report, Environmental Management Plan (EMP), and other details. The total project cost is Rs. 9 Lakh, of which Rs. 2.5 Lakh is allocated for the EMP and Rs. 10,000 as CER. The targeted production of mine will be 7964 MT. The expected life of mine is estimated to be about 1 year. The highest elevation within the permit area is 103.5 meters, and the lowest is 100 meters. The ultimate mining depth is 94.5m AMSL, and the water table is at 90 m AMSL. The nearest high hazard zone is 21km away from the project site.

After a detailed discussion, the Committee decided to direct the project Proponent to submit the following details

- 1. Revised CER as the proposed activity and allocated amount are not satisfactory**
- 2. Details of tree cutting and planting**
- 3. Consent from the nearby two inhabitants for the proposed mining.**

Item No. 14 **Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Nazar, for an area of 0.9463 Ha at Block No. 39, Re-Sy. Nos. 173/4-24 (Part) & 173/4-26 (Part) in Chadayamangalam Village, Kottarakkara Taluk, Kollam- ToR Approved proposal (SIA/KL/MIN/555442/2025)**

As invited, the Project Proponent Sri. Nazar, the EIA consultant Sri. Vikram Krishna were present online. The consultant made the presentation of EIA along with the drone video of the project site. The Project Proponent had submitted the application in Form 1, along with the EIA report, Mining Plan, Pre-Feasibility Report, Environmental Management Plan (EMP), and other details. The total project cost is Rs. 1,04,00,000/-, of which Rs. 5,06,000/- for capital cost of EMP and Rs1,93,000/- for annual recurring cost of EMP. The proposed CER amount is Rs. 5 Lac. The total mineable reserve is 1,48,987.5 MT. The expected life of mine estimated is to be about 3 years. The highest elevation is 131m AMSL and the lowest is 101m AMSL. The ultimate mining depth is 90m AMSL, and the anticipated water table is at 45 – 50 m AMSL. 330 saplings shall be planted by the project proponent as part of the greenbelt.

After detailed discussion, the Committee decided to direct the Project Proponent to submit the following documents/details.

- 1. Comprehensive Environment Management Plan for the total area of 10.15 Ha, which should include the following**
 - a. Cumulative traffic impact study.**
 - b. Comprehensive EMP budget**
 - c. Affidavit of the nearby quarry owners stating that they are willing to comply with the activities proposed in the comprehensive EMP.**
- 2. Clarification on the splitting of projects.**

Item No. 15. **Environmental Clearance for the proposed Granite Building Stone Quarry Project of Sri. Shajimon P N, Managing Partner, M/s Padipara Granites Pvt.Ltd for an area of 0.5957 Ha at Survey No. 477/1A-100-49 in Pindimana Village, Kothamangalam Taluk, Ernakulam SIA/KL/MIN/555716/2025**

As invited, the Project Proponent Sri. Shajimon P.N and the RQP Sri. Balaraman were present online. The RQP made the presentation along with the drone video of the project site. The Project Proponent had submitted the application in Form 1, along with the Mining Plan, Pre-Feasibility Report, Environmental Management Plan (EMP), and other details. The total project cost is Rs. 80,00,000/- of which Rs. 11,95,000/- for capital cost of EMP and Rs. 5,98,000/- for recurring cost of EMP. The proposed CER amount is Rs. 4,10,000/-. The total mineable reserve is 77,021 MT. The expected life of mine is estimated to be about 2 years. The highest elevation is 64m above MSL and the lowest elevation is 42m above MSL. The ultimate mining depth is 30m AMSL and the water table is at 25 m AMSL. The project Proponent had presented the NOC from the Irrigation Department, dated 27.01.2026. The project area falls in medium hazard zone and the project proponent had submitted an application for NOC from the District Level Crisis Management Committee.

After due deliberation, **the Committee decided that further consideration of the proposal shall be taken up only after the finalisation of the revised DSR prepared in accordance with the guidelines issued by the MoEF&CC dated 25.07.2018.**

The Committee further decided that, if the proposal is subsequently recommended for Environmental Clearance (EC) for a project life of 2 years, based on the revised DSR, in addition to the general conditions, the following specific conditions enumerated herein and all the other specific conditions applicable to all mining projects, included in the concluding part of the minutes may be stipulated while issuing the EC.

- 1. The PP has to obtain the NOC from the District Level Crisis Management Committee before obtaining the permit from the Mining and Geology Department and the conditions stipulated in the same shall be scrupulously complied with.**
- 2. As committed by the Project Proponent, no built structures should be within 50m radius of the proposed project area.**

Item No. 16 Environmental Clearance for the Granite Building Stone Quarry of Sri.K J Thomaskutty, Managing Director, M/s. Aducadu Granites Pvt. Ltd for an area of 0.9784 Ha at Survey Nos. 571/1A-34-5-1, 571/1A34-5-1-1, 571/1A-34-5-1-5, 571/1A-34-5-1-8, 571/1A-34-3-6, 571/1A-34-3-4-1,

**571/1A-34-5-1-6 in Konnithazham Village, Konni Taluk,
Pathanamthitta (SIA/KL/MIN/555068/2025)**

As invited, the Manager of the Project Proponent Sri. Maju Varghese and the RQP Sri. Jayachandrapanicker were present online. The RQP made the presentation along with the drone video of the project site. The Project Proponent had submitted the application in Form 1, along with the Mining Plan, Pre-Feasibility Report, Environmental Management Plan (EMP), and other details. The total project cost is Rs. 1,50,00,000/- of which Rs. 25,75,000/- for capital cost of EMP and Rs. 6,25,000/- for recurring cost of EMP. The proposed CER amount is Rs. 6,50,000/-. The total mineable reserve is 270097.50 MT. The expected life of mine is estimated to be about 3 years. The highest elevation is 185m above MSL and the lowest elevation is 165m above MSL. The ultimate mining depth is 155m AMSL and the water table is at 67 m AMSL. The High Hazard zone is 0.56 km away from the Mining Area.

After a detailed discussion, the Committee decided to direct the Project Proponent to submit the following documents/details.

- 1. Protection plan for the nearby abandoned quarry**
- 2. No of trees to be cut and plantation details**
- 3. Mine closure certificate issued to the project proponent for various quarries owned by the Project Proponent in the state.**
- 4. Consent from the nearby quarry owner for utilising the water stored in the pit.**
- 5. Cluster details of the project area.**
- 6. NOC from the irrigation Department**

Item No. 17 Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Binu R. S., M/s Kannan Granites India Pvt. Ltd, for an area of 0.9903 Ha at Block No. 47, Re-Sy Nos. 327/1, 327/2 & 327/3 in Kadakkal Village, Kottarakkara Taluk, Kollam (SIA/KL/MIN/555994/2025)

As invited, the Project Proponent Sri. Binu and the RQP Sri. V.K Roy were present online. The RQP made the presentation along with the drone video of the project site. The

Project Proponent had submitted the application in Form 2, along with the Mining Plan, Pre-Feasibility Report, Environmental Management Plan (EMP), and other details. The total project cost is Rs. 1,15,00,000/- of which Rs. 19,67,750/- for capital cost of EMP and Rs. 3,08,000/- for recurring cost of EMP. The proposed CER amount is Rs. 9,91,086/-. The total mineable reserve is 2,45,911 MT. The expected life of mine is estimated to be about 3 years. The highest elevation is 154.26 m above MSL and the lowest elevation is 124.56m above MSL. The ultimate mining depth is 110m AMSL and the water table is at 103 m AMSL. The High Hazard zone is 8.84km away from the Mining Area.

After due deliberation, **the Committee decided that further consideration of the proposal shall be taken up only after the finalisation of the revised DSR prepared in accordance with the guidelines issued by the MoEF&CC dated 25.07.2018.**

The Committee further decided that, if the proposal is subsequently recommended for Environmental Clearance (EC) for a project life of 3 years, based on the revised DSR, in addition to the general conditions, the following specific conditions enumerated herein and all the other specific conditions applicable to all mining projects, included in the concluding part of the minutes may be stipulated while issuing the EC.

- 1. The PP has to obtain the NOC from the Irrigation Department before obtaining the permit from the Mining and Geology Department and the conditions stipulated in the same shall be scrupulously complied with.**
- 2. As committed by the Project Proponent, no built structures should be within 50m radius of the proposed project area.**

Item No.18 Environmental Clearance for the Proposed Granite Building Stone quarry of Sri Thomas Mathew, Managing Director, M/s. Chengalathu Quarry Industry Private Limited for an area of 8.0029 Ha at Survey Nos. 575/1-3-8-2-1, 575/1-3-19-1, 575/1-3-19-2, 575/1-3-19, 575/1-3 20, 575/1-3-18, 575/1-3-7, 581/1-5-7, 575/1-3-6-2, 575/3-6-1-86, 575/1-36, 575/1-3-8-2-84, 575/3-8-2, 575/1-8-10, 575/3-8-4-40, 575/3-8-4, 575/3-6-1, 575/1-3-8-2 in Konnithazham Village, Konni Taluk, Pathanamthitta (SIA/KL/MIN/556190/2025)

The Committee scrutinized the proposal in detail and noted that several complaints were received against the proposed project. Besides, a portion of the proposed area comes under the High Hazard Zone as per the KSDMA map. The Committee also noted the letter dated 10.04.2026 from the project proponent requesting the consideration of the instant proposal after the submission of the modified mining plan excluding the area that comes under High Hazard Zone.

After detailed deliberation, the Committee found the request unacceptable at this stage and since the blasting in High Hazard Zone is prohibited in the State as per the Kerala State Disaster Management Plan, the Committee decided to recommend rejection of the proposal.

Item No.19 Environmental Clearance for the granite Building Stone Quarry project of Sri. Anilkumar, Managing Director, M/s A J Granites (P) Ltd., for an area of 2.5125 Ha at Block No. 30, Re-Survey Nos.352/5, 352/6, 353/1, 353/2-2, 353/3, 353/4, 354/9, 354/10 at Koodal Village, Konni Taluk Pathanamthitta (SIA/KL/MIN/553901/2025)

As invited, the Project Proponent Sri. Anilkumar, the EIA consultant Smt. Ananthitha and the RQP Sri. V.K Roy were present online. The consultant made the presentation of EIA along with the drone video of the project site. The Project Proponent had submitted the application in Form 1, along with the EIA report, Mining Plan, Pre-Feasibility Report, Environmental Management Plan (EMP), and other details. The total project cost is Rs. 3,32,00,000/- of which Rs. 56,40,000/- for capital cost of EMP and Rs. 31,35,000/- for annual recurring cost of EMP. The proposed CER amount is Rs. 7.5 Lac. The total mineable reserve is 12,00,670 MT. The expected life of mine is estimated to be about 8 years. The highest elevation is 165m AMSL and the lowest is 125m AMSL. The ultimate mining depth is 90m AMSL, and as per the study of Dept. of Geology, University of Kerala, Groundwater will not be intersected as the area is characterised by massive crystalline rock. 1300 saplings shall be planted by the project proponent as part of the compensatory afforestation plan.

The Committee also noted the complaints received from Sri. Bijoy C. Baby dated 28.01.2025 and 31.03.2026 and the mass petition dated 20.05.2025. In this circumstance, the SEAC entrusted a subcommittee of Dr. Ansari Jamal and Dr. Rajendraprasad for the field inspection and report with additional focus on the buildings along the private road

used for traffic management. During the visit, the representative of the complainants and Sri. Bijoy C. Baby may be heard by the subcommittee.

Item No. 20 **Environmental Clearance for the Granite Building Stone Quarry of Shri. Thomas Mathew, Managing Partner, M/s. JTS United for an area of 0.8340 Ha at Survey Nos. 575/1-3-8-1-1, 575/1-3-8-1-2, 575/1-3-8-2- 1, 575/1-3-8-2-2 & 575/14-35-1 in Konnithazham Village, Konni Taluk, Pathanamthitta (SIA/KL/MIN/530339/2025)**

The Committee scrutinized the proposal and observed that proof of remittance of the prescribed processing fee to the Government Treasury has not been submitted by the Project Proponent. The Committee further noted that several complaints were received against the proposed project. Besides, more than 80% of the proposed area comes under the High Hazard Zone as per the KSDMA map.

After detailed deliberation, the Committee found the proposal is unacceptable since the blasting in High Hazard Zone is prohibited in the State as per the Kerala State Disaster Management Plan, and the Committee decided to recommend rejection of the proposal.

Item No. 21 **Environmental Clearance for the Granite Building Stone Quarry of Sri. Raju K K, Director, M/s Chayal Granites Private Limited, for an area of 1.9800 Ha at Block no: 19, Re – Survey No. 686, 693/1-1, 693/2-1, 692/6-1 in Ezhamkulam Village, Adoor Taluk, Pathanamthitta (SIA/KL/MIN/556380/2025)**

As invited, the Project Proponent Sri. Raju K.K and the RQP Sri. Balaraman were present online. The RQP made the presentation along with the drone video of the project site. The Project Proponent had submitted the application in Form 1, along with the Mining Plan, Pre-Feasibility Report, Environmental Management Plan (EMP), and other details. The total project cost is Rs. 2,00,00,000/- of which Rs. 31,10,000/- for capital cost of EMP and Rs. 5,00,299/- for recurring cost of EMP. The proposed CER amount is Rs. 6,50,000/-. The total mineable reserve is 4,60,526.775 MT. The expected life of mine is estimated to be about 5 years. The highest elevation is 112m above MSL and the lowest elevation is 80m above MSL.

The ultimate mining depth is 65m AMSL and the water table is at 46m AMSL. The High Hazard zone is 0.52 km away from the Mining Area. The project Proponent had presented the NOC from the Irrigation Department, dated 10.09.2025.

After a detailed discussion, the Committee decided to direct the Project Proponent to submit the following documents/details and entrusted a subcommittee of Dr. Ansari Jamal and Dr. Rajendraprasad for the field inspection and report. The documents have to be submitted by the Project Proponent after the field inspection by the subcommittee.

- **Revised CER with specific activities, stake holder consultation details and proposed physical and financial targets**
- **Revised Comprehensive EMP prepared by a NABET-accredited agency, detailing the impact, mitigation measures, traffic management, and drainage plans for all the quarries in the cluster, including a blasting schedule and EMP cost-sharing breakdowns.**

The Specific conditions applicable for all the ECs for the mining projects

1. **The EC shall be valid from the date of execution of permit/lease from the Department of Mining and Geology. The copy of the permit/lease order should be provided to the SEIAA before commencing the mining activity**
2. **Development of green belt should be initiated prior to the commencement of mining using indigenous species. The suggested species are *Phyllanthus emblica* (Nelli), *Syzygium cumini* (Njaval), *Writia tinctoria* (Dhanthapala), *Ficus bengalensis* (Peral), *Ficus racemosa* (Atti), *Bambusa bamboos* (Mullumula), *Dendrocalamus strictus* (Kallan mula), *Strychnos nuxvomica* (Kanjiram), *Terminalia cattappa* (Thanni), *Schleicher oleosa* (Poovam), *Artocarpus hirsutus* (Ayiniplavu) etc.**
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. **Proper fencing with green Argo net at a height of 5m shall be installed around the project area.**

- 5. Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain should be provided prior to the commencement of mining.**
- 6. Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration.**
- 7. Garland drain, silt-traps, siltation ponds and outflow channel should be desilted periodically and geo-tagged photographs of the process should be included in the half-yearly compliance report (HYCR).**
- 8. Drainage water should be monitored at different seasons by an NABL accredited lab and clear water should only be discharged into the natural stream. -Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.**
- 9. Overburden should be stored at the designed place and gabion wall should be provided for the topsoil and overburden storage sites.**
- 10. The impact of vibration due to blasting on the houses and other built structures within 200m distance from the project boundary should be monitored in terms of Peak Particle Velocity and amplitude for a maximum charge per delay and included in the Half Yearly Compliance Report.**
- 11. Geotagged photographs of the progress of compensatory afforestation should be submitted along with HYCR.**
- 12. Implementation of CER Plan should be done during the first year itself of the EC period itself and its operation and maintenance should be done till the completion of mine closure plan.**
- 13. The haulage road should be provided with sprinkling facility to prevent dust pollution.**
- 14. Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30 pm to 5.00 pm).**
- 15. Adequate sanitation, waste management and restroom facilities should be**

provided to the workers. 198th SEAC-Page 16 of 67

16. Adequate energy conservation measures should be implemented including solar power installations. At least 40% of the energy requirement shall be met from the solar power

17. The Environment Management Cell (EMC) should include one subject expert in environment management. The proceedings of the monthly meeting of the EMC should be submitted along with the HYCR.

18. Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.

19. Rainwater harvesting measures should be provided as per the guidelines of the Central Groundwater Authority and geotagged photographs of the same shall be submitted along with first HYCR.

20. Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.

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

22. In the wake of occurrence of large scale landslides in the state, as per the information provided by the Department of Mining & Geology, it is directed to use only NONEL (Non Electrical) technology for blasting to reduce the vibration of the ground, which is one of the causative factors that triggers landslides, formation of cracks in the surrounding buildings and disturbance to human and wildlife.

23. As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th

January 2020 issued by MoEF & CC, in obedience to the directions of the Hon'ble Supreme Court the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report, which will be monitored by SEAC at regular intervals.

The meeting ended at 5.00 P.M.

The Committee decided to convene its next meeting on **22nd and 23rd May 2026.**

Sri. Anirud Kumar Dharni, IFS(Rtd)

Suneel Pamidi IFS

Chairman, SEAC

Member Secretary, SEAC

LIST OF PARTICIPANTS:

Sl.No.	Name	18th April 2026
1.	Sri. Anirud Kumar Dharni IFS(Rtd)	√
2.	Dr. Ansari Jamal U.	√
3.	Dr. M Rajendraprasad	√
4.	Dr. A. N. Manoharan	√
5.	Dr. V. B. Vinayan	√
6.	Sri. Suneel Pamidi IFS (Secretary)	