

**MINUTES OF THE 134TH MEETING OF THE SEAC KERALA HELD FROM
09TH TO 11TH NOVEMBER, 2022 IN CONFERENCE HALL, STATE
ENVIRONMENT IMPACT ASSESSMENT AUTHORITY,
THIRUVANANTHAPURAM**

The 134th meeting of the SEAC Kerala was held from 09th to 11th November, 2022. The meeting started at 10.00 AM on 09th November 2022. Dr. R. Ajayakumar Varma, Chairman, SEAC Kerala chaired the meeting. The Committee discussed the agenda items in detail and took the following decisions;

134.01 Confirmation of the minutes of the 133rd SEAC meeting held on 11th to 13th October, 2022

Decision: Confirmed.

134.02 Environmental Clearance issued for the Granite Building Stone Quarry in Sy No. 371/1, 371/2/1, 372/1, 372/4, 372/2, 373/1 Vengappally Village, Vythiri Taluk, Wayanad, Kerala – Re-validation of EC (File No.1132/EC/SEIAA/2017).

Decision: Environmental Clearance was issued to the quarry project of Sri. M. M. Thomas, Managing Partner, Wayanad Granites, at Vengappally Village, Vythiri on 29.12.2017. The Committee verified the documents submitted by the proponent for the revalidation of the EC as directed in the 132nd meeting and observed the following shortcomings:

1. Renovation plan & cost for construction for the 4 buildings proposed for CER activity.
2. The Scheme of mining / Certificate from the Mining & Geology Dept. regarding the details of extracted quantity and the balance quantity of resources as per the approved Mining Plan.
3. Valid NABL accreditation Certificate of the laboratory in which environmental parameters are analyzed.

The Committee decided to direct the proponent to submit the clarification/documents for the above shortcomings.

134.03 Environmental Clearance for M/s Green Vistas Infrastructure Projects-“PRAKRITI”, proposed Group Housing Project in Re-survey No.359/3, of Kakkanad village, Thrikkakara Municipality, Kanayanur Taluk, Ernakulam District, Kerala by Mr. Saurabh Gulechha, Chief

Operating Officer. (File No. 1189 (A)/EC2/2018/SEIAA).

Decision: The ToR for the project was approved by the MoEF & CC in 4th EAC meeting held on 19-21 February 2018 under the provisions of the Notification of MoEF & CC dated 14-3-2017 wherein one time opportunity was given to projects which commenced activity without getting EC with some conditions. The proponent made the EIA report based on TOR approved by the EAC which was also to be apprised for EC along with the violation proceedings. As per the FIR of the sub – committee of SEAC dated 2-11-2019, the proponent continued land development and construction activities even after applying for EC under violation category. Construction of the third block was almost completed and construction of fourth block was progressing at the time of inspection (2/11/2019). Land development of fifth block was also started. As per the 105th SEIAA meeting Authority requested Kerala State Pollution Control Board to take urgent follow-up action to complete the violation proceedings as per S.O. 1030 dated 8-3-2018 of MoEF & CC. As directed by SEIAA in its 113th meeting, the Project Proponent submitted Revised Damage Assessment along with Revised Remediation Plan and Natural and Community Resource Augmentation Plan.

The Committee also observed the Judgment in WP(C) No. 3870 of 2020 dated 11.06.2021 filed by Green Vistas Infrastructure Projects Pvt. Ltd in which the Hon'ble High Court, disposed the writ petition directing respondents 3 and 4 to dispose of the application of the petitioner for environmental clearance, as directed in Ext.P24 decision of the Expert Appraisal Committee at the Central level, in accordance with the law, having regard to the present stage of construction, as expeditiously as possible, without waiting for the culmination of the proceeding contemplated against the petitioner for violation of the EIA notification. It is made clear that the petitioner will not be entitled to resume the work of the project before the direction aforesaid is complied with. The Review Petition No. 469/2021 dated 20-10-2021 in connection with the order/Judgment in WP(C) 3870/2020 is dismissed without merits.

The Committee verified the Revised Damage Assessment along with Revised Remediation Plan and Natural and Community Resource Augmentation Plan as directed by 113th SEIAA and found the following discrepancies:

1. There is difference in built-up area in blocks in the original application & in the

Remediation Plan.

2. Economic benefit derived from the project has not been considered in the Remediation Plan.
3. Damage assessment has not been done considering the total project area & project cost.
4. Penalty shown is only 0.5%, but it is 1% , as the violation was point out by the sub-committee. If not, proof for the same shall be produced.
5. The project cost as per Remediation Plan is 16.64 Cr, but as per original application it is 84.63Cr.

In these circumstances, the remediation plan cannot be considered. The Committee decided to direct the proponent to submit Revised Remediation Plan and Natural and Community Resource Augmentation Plan as per the provisions in the violation SOP issued by MoEF & CC vide F. No. 22-21/2020- IA.III dated 7th July 2021.

134.04 Environmental Clearance issued to the Building Stone Quarry Project of Sri. M.K. Rasheed in Sy. No. Sy. No. 249, 249/1, 249/2, at Kondoor Village, Meenachil Taluk, Kottayam District – Revalidation Documents Received [File No: 793/SEIAA/KL/1851/2015]

Decision: Environmental Clearance was issued to Sri. M.K. Rasheed, Managing Partner, M/s Chennadu Granites, vide proceedings No. 793/SEIAA/KL/1851/2015; EC No.161/2016 dated 04-10-2016. The Committee verified the documents submitted by the proponent as directed by SEIAA for the revalidation of the EC and found that the project area is in medium hazard zone. The EC issued will be expired on 03.10.2022 (after Covid relaxation). **The Committee after verification of the documents, decided to direct the proponent to submit the following documents:**

1. Valid NABL accreditation certificate of lab at the time of analysis.
2. Revised CER as per the norms in the *OM No F.No.22-65/2017-IA.III dated 30th September 2020.*

134.05 Environmental Clearance issued to the Building Stone Quarry Project of Sri. A.H. Sheriff in Sy. No. 1087/A2 [P], in Mulavoor Village, Muvattupuzha Taluk, Ernakulam – Revalidation [File No: 1395/EC3/2022/SEIAA]

Decision: Environmental Clearance was issued to Sri. A.H. Sheriff, for the building stone quarry project vide proceedings No. P/3219/2017; DIA/KL/MIN/5986/2017 dated 29-12-2017. As directed by SEIAA, The Committee verified the documents submitted by the proponent for the revalidation of the EC and found that in the EC order dated 29-12-2017, the life of mine is not shown and the period of mining is shown as 5 years. Hence the documents can't be considered for revalidation.

The proponent has submitted a scheme of mine for 5 years which implies that the original mining plan had life of mine more than 5 years. Since the EC was issued from DEIAA, Ernakulam, the original mining plan is not available in the file. **Therefore, the Committee decided to direct the proponent to submit the original mining plan.**

134.06 Environmental Clearance accorded for the Commercial Complex project at Sy. Nos. 424/19, 424/7, 424/11, 424/10, 424/12, 13, 424/12, 424/14, 423/1, 423/4, 5, 423/4, 423/4, 5, 423/3, 8, 9, at Thrikkakara Village, Kalamassery Municipality Panchayath, Kanayannoor Taluk, Ernakulam District, Kerala – Request for Final Inspection and further for releasing of Bank Guarantee (File: No. 2037/EC3/2022/SEIAA)

Decision: Environmental Clearance was accorded for the Commercial Complex project at Sy. Nos. 424/19, 424/7, 424/11, 424/10, 424/12, 13, 424/12, 424/14, 423/1, 423/4, 5, 423/4, 423/4, 5, 423/3, 8, 9, at Thrikkakara Village, Kalamassery Municipality Panchayath, Kanayannoor Taluk, Ernakulam District, Kerala, by MoEF & CC (F No. 23-14/2018-IA-III dated 17-05-2019), after the submission of Bank Guarantee for an amount of Rs. 75,07,000/- at Kerala State Pollution Control Board, as it was a case of violation.

As per the request of the proponent and as directed by SEIAA in its 117th Meeting, the 133rd meeting of the SEAC directed the proponent to submit item wise compliance report of the implementation of the Remediation Plan and Natural Augmentation Plan with supporting documents, Photographs and proof of expenditure prior to field level verification. The Committee observed that the compliance status need field level verification. **Therefore, the Committee decided to entrust Dr. R. Ajayakumar Varma and Dr. N. Ajithkumar for field inspection and report.**

134.07 Re-consideration of rejected Environmental Clearance for Granite building stone quarry Project in Re-Sy.Block No.2, Re-Sy.No.114pt in Chekkyad Village, Vadakara Taluk, Kozhikode, Kerala (SIA/KL/MIN/140734/2020) {1429/EC3/2019/SEIAA}.

Decision: As per the decision of the 110th meeting of SEIAA, the application for EC by Sri.Kunhiraman M.P, S/o Chathu, Aryakkandy House, Muliylkada, Thiruvangad P.O, Kannur-670103 was rejected vide order No. 1429/EC3/SEIAA/2019 Dt.19.07.2021. As per the judgment in WPC No.12161 of 2021 dated 01.07.2021, The Hon'ble Court ordered to issue a copy of the Field Inspection Report and provide an opportunity of hearing to the petitioner. The 126th meeting of the SEAC heard the proponent, but the clarifications provided by the proponent were not satisfactory to the Committee. However, the committee agreed with the request of the proponent to revise the proposal by excluding the fragile areas with a revised mining plan, subject to the concurrence of SEIAA.

The Committee verified the documents submitted by the proponent and found that the modified mining plan is not approved by Mining and Geology Dept. The proponent stated that he will leave out the area in moderate hazard zone as buffer zone and mining will not be done in that area. However, the hill is highly elevated with steep slope and the proposed area is in the moderate hazard zone in continuation to high hazard zone with deep soil condition and hence it is not feasible to allow mining in the location. The Committee observed that the revised condition is not acceptable and the same shall be intimated to SEIAA. **In this circumstance, the Committee decided to reject the proposal based on the precautionary principle due to the reasons stated above.**

134.08 Application for ToR granite building stone quarry project in Block No.65, Sy.No.1 at Udayagiri Village, Taliparamba Taluk, Kannur District, Kerala by Shri.P.P.Shamsuddeen.- Request to change the application of EC. (SIA/KL/MIN/62346/2021, File No.1905/EC4/2021/SEIAA)

Decision: As per letter no.1905/EC4/2021/SEIAA, ToR letter was issued for EIA Study to Shri. P.P.Shamsuddeen, Managing Partner, M/s Ceekey Sons Crushers, Kuttaramba P.O, Alakkode, Kannur-670571, for an area of 4.562 ha.

Now, Dr. Sakkir.S.Pillai, RQP intimated that the total area of the project is only 4.562 Ha and hence the project will not come in the cluster condition of more than 5 Ha. Therefore,

the RQP requested to remove the project from the requirements of EIA study and Public consultation based on ToR and issue Environmental Clearance.

The Committee observed that as per the Cluster Certificate, the proposed quarry is of area 4.5622 Ha and the quarry falling in the cluster in the name of Sri. C. Haris is of area 4.9002 and hence the total area is more than 5 Ha. Even though, the mining is yet to commence in the second quarry, the project has got valid EC and the mining activity may commence at any point of time. **In this situation the Committee decided to stick on to the earlier decision.**

134.09 Environmental Clearance for the Quarry Project of Sri. Madappan Abdul Rasheed, Managing Director, M/s. Oasis Dale Aggregate Products Pvt. Ltd in Sy.Nos.43/2 & 43/3 of Venganellur Village, Thalappilly Taluk, Thrissur– Judgment dated.18.11.2020 in WP(C) No.25286 of 2020 – Revalidation of EC. (File No.2719/EC6/2021/SEIAA)

Decision: Environmental Clearance was issued on 31.05.2017 by DEIAA Thrissur to M/s.Oasis Dale Aggregate Products Pvt. Ltd for an area of 4.3815 Ha for a period of five years. The Integrated Regional office of MoEF & CC, Bangalore on 09-04-2022 issued Satisfactory Certified compliance Report on 28-04-22 vide letter No. 12.1/DEIAA/15/KER/53. The Committee verified the compliance report along with photographs as proofs of the conditions stipulated by SEAC in its 131st Meeting submitted by the proponent and found them satisfactory. **The Committee decided to recommend that the project is eligible for revalidation of EC for a project period of 17 years from the date of the original EC (23.04.2016) subject to the following additional specific conditions in addition to the specific and general conditions stipulated in the original EC.**

1. The OB stored around the quarry at uphill side should be protected by providing terraces along with planting indigenous species. The lower slopes of the terraces shall be protected with geo- textiles and strengthened by planting suitable plants/fodder grass. Geo-tagged photographs of the same should be included in the HYCR..
2. The abandoned benches should be backfilled with soil and afforested and the height and width of the benches should always be maintained as per the mining plan.
3. A new OB dumping site at the lower side near the north-west should be set up with retaining wall for protection.

4. The buffer zone should not be used as road and green belt should be developed and strengthened with indigenous species of trees all along the buffer zone
5. The green belt should be maintained on a regular basis and the status of the green belt should be uploaded along with geo-tagged photographs in the HYCR
6. Implementation of the Compensatory afforestation plan should be commenced at the proposed site immediately and geo-tagged photographs as proof should be submitted.
7. Garland canal, silt traps, siltation ponds, outflow channel to the nearest natural drain should be planned and implemented covering the entire project area and the overland flow should be collected and discharged to a natural stream in the valley region of the landscape through bottom and side-sealed drainage channel.
8. Extreme care should be taken to prevent any blockage or diversion of surface drain in and around the project area
9. The garland canal, catchwater drains, silt traps, water holding and clarifier pond and outflow channel should be cleaned and desilted periodically such that there should not be any hindrance to overland flow and geo-tagged photographs of the process should be included in the Half Yearly Compliance Report.
10. No blasting should be done during the days of moderate and heavy rains considering high land fragility of the region
11. The time of blasting should be different from that of the adjacent quarry.
12. Planting of trees of local species on both sides of the road within the project site should be completed prior to commencement of mining.
13. Mined out benches should be filled with topsoil and greening effort should be taken up in such areas. Indigenous species of plants should be given preference in the greening programme.
14. 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
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 pm).
16. Adequate sanitation, waste management and rest room facilities should be provided to the workers
17. Adequate energy conservation measures should be implemented including solar power installations

134.10 Environmental Clearance issued from SEIAA, Thiruvananthapuram for the granite building stone quarry in Chithara Village, Kottarakara Taluk, Kollam District of Sunilkumar - Judgment in WP (C) 24326/2020 filed by - Revalidation of EC. (File No. 813/EC3/2484/2015/SEIAA).

Decision: Environmental Clearance was issued from SEIAA, Thiruvananthapuram (No. 813/SEIAA/EC3/2484/2015 dated 11.02.2016) for the granite building stone quarry for a period of 5 years. The proponent has submitted a Satisfactory Certified Compliance Report from the Integrated Regional Office, MoEF&CC dated.30.03.2022. As part of the revalidation of the EC, as directed by SEIAA in its 113th Meeting the Sub-committee of SEAC conducted field visit on 08.10.2022. **The Committee discussed the field inspection report and decided to direct the proponent to submit the following additional documents:**

1. Plan for relocating the OB dump site to the lower portion of project site and a map showing proposed site, and commitments for providing suitable side protection measures along with geotagged photographs of the site.
2. Proposals for developments of access road and a Transportation Plan indicating the proposal on utilization of another road also for ensuring one way traffic through the existing access road.
3. Plan for ensuring garland drains with intermittent silt traps, siltation ponds and connectivity to natural drain. The site is characterized by loose soil and therefore, plan should contain additional measures to reduce soil erosion and turbidity in storm water.
4. Production Certificate from M&G Dept for accessing the quantity of rocks extracted so far and the quantity of balance mineable reserve available based on the original mine plan.
5. Proposal for compensatory afforestation with local species trees, in the available own land around the quarry site and submit a plan showing location, geo-tagged photographs of the site, geo-coordinates of boundaries of the land where the Compensatory Afforestation is proposing.
6. Details of source of water, yield of the source and depth to the ground water table in the nearby wells along with the geo coordinates of the wells.

134.11 Judgement in WP(C) No. 12147/2020(P) dated 09.09.2020 filed by A.K.Joseph, Arackal House, Mundathadam, Parappa, Kasargod, 671533

Jimmy Alex, Manjakunnel, Parappa P.O, Kasargod, 671533, Vinayan V.K , District Environmental Samithi, Parappa, Kasargod

&

Judgement in WP(C) No. 15745/2020(P) dated 18.08.2020 filed by K.P.Balakrishnan, KanathilParambil, Moolakayam, Parappa, Kasargod, Pramod.K, Parappa, Kasargod, Sudhakaran.M, EdavilVeedu, Parappa, Kasargod and U.V.MohammedKunhi, ValappilKammadath, Parappa, Kasargod (1992/EC2/2020/SEIAA).

Decision: The EC for the Mining project was issued on 16.03.2017 by DEIAA Kasargod. The 108th SEIAA directed the proponent to attend all those irregularities pointed out by SEAC as per the field inspection conducted as directed in the Judgement in WP(C) No. 12147/2020(P) dated 09.09.2020, in the presence of complainants, the Project proponent, and District Geologist within 6 months. Even after a warning letter given to the proponent dated 03.01.2022, the proponent has not submitted the compliance report to the directions of SEAC. The 113th meeting of SEIAA directed the Committee to conduct a field inspection after giving prior intimation to the Project Proponent, the Complainant of the WP(C) 15745 of 2020 (P), and other members of the inspecting team, to verify the compliance status and recommend to SEIAA for further action to be taken.

The Sub Committee inspected the site on 23.06.2022 to examine the compliance status. The Committee discussed the FIR and observed that the proponent has not complied with most of the recommendations of the SEAC as directed by SEIAA. It is also observed that the period of EC expired on 15.03.2022 (15.03.2023 after Covid relaxation). **The Committee therefore decided to recommend to SEIAA to cancel the EC with immediate effect and address the Mining & Geology Dept. to take actions against the violations of the EC conditions and Mining Plan by the Proponent.**

134.12 Environmental Clearance issued to Sri. O. Sivarajan for the Proposed Quarry Project in Sy.No. 172 (pt) at Kodyathoor Village, Kozhikode Taluk, Kozhikode District, Kerala. (Judgment in WP© No. 15708/2021 filed by Sri. Akhil.O- Re-validation of EC. (File No.917/SEIAA/EC4/3671/2015).

Decision: Sri. Akhil.O, S/o Late O.Sivarajan, M/s Palickaparambil Granite Works, Odamannil House, Mukkam P.O, and Kozhikode submitted a request for revalidation of their

Environmental Clearance issued as per order No.EC-917/SEIAA/EC4/3671/2015 along with the copy of judgment dated 05.08.2021 against WP © No.15708/2021. The proponent submitted the Certified Compliance Report from MoEF, Bangaore on 06.07.2022. The Committee discussed the field inspection report of the Sub- committee conducted on 30.09.2022 and found that the entire project area falls in medium hazard zone. The Committee also observed that another quarry of 9.2995 Ha is given mining lease in 2019 which makes a cluster condition of more than 5 Ha at present. **The Committee decided to direct the proponent to submit the following additional documents:**

1. Explanation for the shortcomings in the expenditure of CSR and deviation made from the commitment given in the EC.
2. Revised EMP incorporating test results and spot specific mitigation plans.
3. Revised CER proposal incorporating monitorable targets and adequate funds including the short expenditure of the committed CSR for five years as per the original EC.
4. Detailed plan for strengthening the green belt all along the buffer zone
5. Detailed plan for improvement of garland canal system and overall drainage of the area

134.13 Environmental Clearance for laterite building stone quarry project in Re.Sy.Nos. 44/1, 41/1, at Thalakulathur Village, Kozhikode Taluk, Kozhikode, Kerala by Sri. Moyimonul Rasheed- (Contempt case filed by Sri.Chandhukutty in violation of the Judgment dated 28.02.2020 in WP (C) No.5572/2019). (SIA/KL/MIN/150010/2020) (1627/EC4/2020/SEIAA).

Decision: Environmental Clearance was issued by DEIAA, Kozhikkode to Shri. Moyimonul Rasheed, for the Laterite quarry project as per order No. 62/DEIAA/KL/KKD/H/4598/2017 dated 05.04.2018 for a period of 5 years. The Hon'ble High Court in its judgment dated 28.02.2020 set aside the EC, and the plea of the 8th respondent for the grant of Environmental Clearance would stand remitted to the 3rd respondent, SEIAA for consideration and decision afresh. Environmental Clearance was issued by SEIAA for the project on 05/10/2021 for two years from the date of issue of the permit from the Department of Mining & Geology. The Authority in the 113th meeting decided to recall the EC issued on 05.10.2021 and to reconsider the same after hearing the Proponent and the Petitioner in order to comply with the Court direction. As per the direction of the Court, the field inspection report was made available to the petitioner. A Sub-committee of SEAC visited the project site again on

29/09/2022 with prior intimation to the Project Proponent, Complainant and Panchayat Secretary as directed by SEIAA in its 115th Meeting.

The Committee discussed the field inspection report in detail and examined the documents. The mine life is 5 years where as project period is 2 years. The site is on the top of a hill (Eliyara Hill) and therefore, drainage of storm water has to be given utmost importance. Based on discussions, **the Committee decided to recommend EC for 2years subject to the following specific conditions in addition to the general conditions.**

1. The validity of EC may be limited as per the mine plan but the quantity to be extracted may be limited to a total of 40,075 MT only.
2. The overland drainage channel will have to be laid prior to the commencement of mining as per the plan and details submitted and it should be managed with utmost care by preventing any obstructions to the flow and periodical removal of the silt deposited.
3. The mine pit should not be used as percolation pond or for storage of water. The entire storm water from the site should be drained out through the drainage system developed.
4. Sprinkling of water should be done on the un surfaced road prior to each movement of truck. The proponent should undertake a phased restoration and shall complete this work along with the completion of the mining operations.
5. As it is a fully exposed, elevated hard terrain, a Horti-Sylvi approach with initially fast-growing trees like Subabul on the overburden followed by a cashew or bamboo plantations should be adopted.
6. The filled-up pits with the waste/OB materials to be covered with freshly removed soil mixed with sufficient organic matter to ensure fast raising of the plantation.

134.14 Environmental Clearance for the proposed laterite building stone quarry project in Re.Sy.No.113/21 (113/2) at Mavoor Village, Kozhikode Taluk, Kozhikode District, Kerala by Sri. Suresh. T- Judgment dated 03.03.2022 in WP©No.7019/2022. (File No.1737/EC4/2020/SEIAA)

Decision: Environmental Clearance was issued as per order No. 1737/EC4/2020/SEIAA dated 05.10.2021 for a period of two years for an area of 0.4047 Ha. As directed in the Judgment in WP(C) No.7019/2022 dated.03.03.2022, the 114th SEIAA meeting held during May-June 2022, heard the Proponent along with his RQP, the Petitioner Smt. Sreeja and the

Secretary, Mavoor Grama Panchayat on 25th May 2022 and gave them an opportunity of submitting a hearing note within 7 days with necessary substantiating documents. After obtaining the hearing note, the 115th SEIAA meeting held on 30th June 2022, refer back the case to SEAC to conduct another field inspection with notice to the Project Proponent, Panchayat Authorities, District Geologist and the Petitioner and submit a report with specific recommendation either to close down the Project depending on the gravity of the situation or to continue the project with sufficient safeguards. The Committee discussed the field inspection report conducted on 29.09.2022. The Committee noted that the complainant, Smt. Sreeja has withdrawn the complaint, as the reasons given in the complaint related to quarrying of laterite stone in Mavur Village of Kozhikode Taluk have been resolved. **In these circumstances, the Committee decided to recommend EC for 2 years subject to the following safeguards as specific conditions.**

1. Strengthen the southern boundary by terracing or contour bunding and submit a geo-tagged photographs as proof.
2. Connect the drainage to the local drain and submit geo-tagged photographs of the compliance as proof.
3. Shift the OB dump on the uphill of the western boundary to the designated OB dumping site or to the mined-out areas and submit geo-tagged photographs as proof.
4. Provide appropriate fencing all around the excavated pit to prevent any mishap and strengthen the fencing, especially on the western and southern boundary.
5. Excavation activity associated should not involve blasting
6. The excavation activity should be restricted to a maximum depth of 2m below general ground level at the site and 2m above ground water table at the site
7. The excavation activity should not alter the natural drainage pattern of the area
8. The excavated pit should be restored by the project proponent for useful purpose
9. Prevent dust emission by covering of excavated material during transportation
10. Adopt safeguards against health risks on account of breeding of vectors in the water bodies created due to excavation of earth
11. Workers/labourers should be provided with facilities for drinking water and sanitation.
12. A berm should be left from the boundary of adjoining field having a width equal to at least half the depth of proposed excavation
13. A minimum distance of 15m from any civil structure should be kept from the periphery of the project area

14. 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.
15. 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.
16. The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.
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 pm).

134.15 Environmental Clearance for the Granite Building Stone Quarry Project in Re.Sy.No.1 at Kattippara Village, Thamarassery Taluk, Kozhikode District, Kerala by Shri. Abdulla Koya Thangal C.P - Judgment in WP (C) No.25699/2020 filed by Sri.Abdulla Koya Thangal, M/s Ruby Stone Crushers - regarding the validity of EC. (File No.2712/EC4/SEIAA/2020).

Decision: The EC issued as per order No.EC-10/DEIAA/KL/MIN/3970/2017 dated.23.09.2017 was ordered to be revalidated as per the judgment dated 02.11.2020 in WP (C) No.25699/2020. After obtaining the required documents, the Sub-committee conducted a field inspection and submitted the report dated 20.7.2021. The report was discussed in the 123rd SEAC meeting and the recommendations containing nine directions were approved by the Committee. The 112th meeting of SEIAA held during September 14-16. 2021 directed the proponent to comply with the nine conditions stipulated by the 123rd meeting of SEAC. After getting the compliance report from the proponent on 01.06.2022, the Sub-committee of SEAC conducted re-verification of the site to assess the compliance status on 23 .10. 2022 as directed by SEIAA. During field visit it was noted that though most of the conditions specified in the 112th meeting of SEIAA have been complied, there are serious efforts required for the compliance of certain important conditions. **The Committee discussed the field inspection report and recommended that the proponent shall be given two months' time for undertaking the following activities and to submit a compliance report:**

1. Stabilization of the quarry waste/overburden/topsoil dump, stacked in front of the quarry, using gabion walls/geotextiles etc., under the supervision of a geo-engineer and submit geo-tagged photographs as proof. Special care should be taken to ensure drainage, prevent any stagnation of water and obstruction to the drainage. All safeguards should be taken to prevent landslides.

2. Provide garland canal, silt traps and siltation ponds and ensure that clean storm water is drained to a natural stream of adequate carrying capacity. The drainage system should be cleaned periodically to ensure efficient drainage of storm water. Submit geo-tagged photographs as proof of the activity undertaken.
3. Construct and maintain a storm water channel from the upper slope of the quarry as well as all along the side of the haulage road and submit geo-tagged photographs as proof.
4. Undertake tree planting in the buffer area and all along the approach road to the quarry and submit geo-tagged photographs as proof.
5. Slope protection measures should be taken wherever required based on geological and geo-technical studies.

134.16 Environmental Clearance for the quarry project in Sy. Nos. 34/2 Pt., 30/2/2 Pt., 20/7 Pt., 30/2/3 and 20/1 Pt. at Oorakam Village and Panchayath, Tirurangadi Taluk, Malappuram District, Kerala by Sri.K.Mohammed Akbar, M/s. Ooragam Metals Ltd. – Judgment dated 01.02.2021 in WP(C) No.2512 of 2021 - Revalidation of EC (File No.120/SEIAA/KL/2186/2015).

Decision: Environmental Clearance was issued to M/s Ooragam Metals Ltd. 22.11.2013 for a period of five years. Thereafter on 07.12.2018 SEIAA give 1 year extension of EC from 31.10.2018. On the expiry of the validity, SEIAA once again extended the validity for a period of 9 months from 30.10.2019. Since the area is above 5 ha, the proponent applied for ToR on Parivesh for further extension. As per the direction in the Judgment dated 01.02.2021 in WP(C) No.2512 of 2021, the SEIAA decided to consider revalidation of the EC after getting the additional documents required. After field verification, the 124th meeting of SEAC scrutinised the files and decided to recommend to the SEIAA to revalidate the EC. The SEIAA in its 112th meeting forwarded the complaint submitted by Adv. Harish Vasudevan to conduct a field inspection along with District Geologist and a member from local Panchayat with sufficient notice to Local Panchayat President, Project Proponent, District Geologist and Complainant. The 114th meeting of the SEIAA agreed to the suggestion of SEAC to inspect site by larger subcommittee of SEAC and the 130th meeting the SEAC constituted a larger Sub Committee consisting of the Chairman and three members of SEAC to conduct field inspection after issuing notice to all concerned sufficiently in advance. The Sub Committee conducted the field visit on 24.08.2022. One of the members of the Sub Committee, Dr. R.

Ajayakumar Varma could not attend the field inspection due to Covid infection. The Complainant was not present during the field inspection. The Sub Committee submitted its report. While considering the field inspection report by the Committee, the Sub Committee members felt that detailing of certain portions of the report may provide more clarity to the Committee and hence suggested postponement of discussion on the item. **The Committee agreed to the suggestion and deferred the item for the next meeting of SEAC.**

134.17 Environmental Clearance for the quarry project in Re. Survey. No. 266/2 (pt) of Cherukavu Village, Kondotty Taluk, Malappuram District, Kerala by Sri.P.K.Abdulla Koya, M/s Beta Granites– Judgment dated 16.02.2021 in WP(C) No.3059 of 2021 - Revalidation of EC (File No.216/SEIAA/EC1/274/2014).

Decision: Environmental Clearance was issued to M/s Beta Granites on 23.06.2017 for a period of five years for an area of 4.5466 ha. After field verification and presentation of the project the 112th meeting of SEIAA, directed the proponent to comply with certain conditions recommended by SEAC in its 124th Meeting. After getting the compliance report and the satisfactory compliance certificate from the IRO, MoEF & CC, Bangalore, the 128th SEAC observed that, as per the Cluster Certificate dated 26.03.2021, the total area under mining within the cluster is 19.241Ha, including this quarry having an area of 4.54 Ha. The proponent hasn't submitted the revised scheme of mining & hazard zonation Map as directed by the SEIAA. The Committee discussed the field inspection report conducted on 02.07.2022 to verify the compliance status of the conditions suggested by 112th SEIAA and decided to direct the proponent to submit the following additional documents:

1. Scheme of mining/Certificate from Mining and Geology Dept.
2. Geotagged photographs of the corrections made to the Benches and Slope to comply with the conditions stipulated in the EC.
3. Proof of CSR expenditure.
4. Revised CER proposal as per OM No.22- 65/2017-IA.III dated 30/09/2020 of MoEF & CC, GOI
5. Details of avenue trees planted along with geotagged photographs.
6. Plan for the removal of loose boulders.

134.18 Judgment in NGT Original Application No. 88 of 2017 (SZ) dated 26th October, 2021 filed by Sri. George Isaac, against the quarrying operations of M/s Slab Aggregates, owned by Sri. Joseph John – Revalidation

(File No: 519/SEIAA/EC3/3823/14).

Decision: Environmental Clearance was issued for the building stone mining project of area 8.6330 Ha as per Proceedings No. 519/SEIAA/EC3/3823/2014 dated 01-06-2016. (EC No.81/2016 dated 01-06-2016) with validity up to 31-05-2021. The 113th meeting of SEIAA held on 19th& 20th April 2022 directed SEAC to conduct a field inspection to ascertain whether any violation of conditions on recommendations made by SEAC has taken place and report the follow up actions to be taken against the PP for violation, if any, of EC conditions, in order to submit a report to the Hon'ble NGT by the SEIAA. This is to comply with the directions contained in the Judgment in the Original Application No. 88 of 2017 (SZ) dated 26-10-2021 (received in the Authority on 01-11-2021). The 131st SEAC, after verifying the field inspection report, observed that all the 8 specific conditions and 31 out of a total of 61 general conditions have been complied with. The PP reported compliance to 13 other general conditions which could not be verified as the quarry is not active now. Two general conditions are partially complied with and the PP is aware about the compliance requirement of 13 general conditions. In general, the compliance to EC conditions can be considered as satisfactory. However, the Buffer Zone is not maintained with a width of 7.5m uniformly and the bench height and width in the abandoned portion of the mine is not maintained as per regulation. These need to be corrected while doing the mine closure with immediate effect. The PP obtained satisfactory certified compliance report from the Integrated Regional Office of MoEF & CC, Bangalore. The Committee discussed the compliance report generated and decided to forward the report to SEIAA for immediate submission to the Hon'ble NGT.

The 118th meeting of the SEIAA directed SEAC to consider the request of the proponent to revalidate the EC subject to fulfillment of other directions of NGT to Director of Mining and Geology and Kerala State Pollution Control Board. **In the circumstance, the committee entrusted Dr. Mahesh Mohan & Dr. K N Krishnakumar for the evaluation study.**

134.19 Revision of remedial plan- Environmental Clearance proceedings No. 28/2020 dated 27-02-2020 M/s Adlux Medicity & Convention Centre Pvt. Ltd (File No. 1186/A2/2018/SEIAA).

Decision: Environmental Clearance was issued to M/s Adlux Medicity & Convention Centre Pvt. Ltd as per E.C. No. 28/2020 dated 27-02-2020 with a direction to spend Rs. 551.1 lakh

for remedial measures. The Committee noted the direction of 118th meeting of the SEIAA to down size the remediation plan and natural and community resource augmentation plan, considering the request of the project proponent for their support to the district administration in managing the Covid pandemic in the state at a crucial point of time. The Authority decided to delete the following sub projects from the approved remediation plan and natural and community resource augmentation plan

1. Setting up of Oxygen Parks Rs 64 Lakh
2. Renovation of PHC's Rs 90 Lakh
3. Restoration of 5 public ponds Rs 25 Lakh

Considering these changes, the revised remediation plan and natural and community resource augmentation plan will stand revised as 372.1 lakh. There will be no change in other components of already approved remediation plan and natural and community resource augmentation plan. As decided by Authority, SEAC may approve the revised remediation plan and natural and community resource augmentation plan for Rs 372.1 lakh as a special case and communicate the same to Project Proponent. The project proponent is directed to implement the revised remediation plan and natural and community resource augmentation plan without further delay after getting approval from SEAC.

The Committee discussed the matter in detail and could not agree with the logic in modifying the remediation plan and natural resource augmentation plan as the reason cited for modifying them pertains to social/community services- support to the district administration in managing the Covid pandemic in the state at a crucial point of time. Therefore, the Committee is unable to concur with the decision of the SEIAA. However, the Committee observed that it is desirable to consider the relaxation request of the Proponent under the component of community resource augmentation, as a special case, as the support to the district administration during Covid intervention was timely and appropriate during the pandemic. Therefore, **the Committee decided that the downsizing of the approved community resource augmentation plan can be considered on submission of the details of the support provided to the district administration during covid including the detailed cost breakup.**

134.20 Environmental Clearance for the Granite Building Stone Quarry Project in Sy.No.1618 (Not final) at Koodaranji Village, Koodaranji Panchayth, Thamarassery Taluk, Kozhikode District. (Judgment in WP (C))

**No.9574/2021 filed by Sri.Abdul Muneer.C, M/s Indo Black Stone -
regarding the validity of EC. (File No.862/SEIAA/EC4/2991/2015)**

Decision: Environmental clearance was issued to the PP, M/s. Indo Black Stone as per order No.862/SEIAA/EC4/2991/2015. The 129th meeting of the SEAC discussed the Field Inspection Report containing verification of compliance with the EC conditions and found that the proponent has not complied with the EC conditions. The Committee, therefore decided to recommend the rejection of the application for revalidation. The Authority heard the proponent in its 117th meeting as per the representation dated 2.07.2022 of the proponent against the rejection of the revalidation proposal. As per the direction of 118th SEIAA, SEAC considered the hearing note of the proponent and the request of the proponent to withdraw the application for EC revalidation.

The Committee after verification of the documents and hearing note and the withdrawal request of the proponent dated 31.10.2022, found that there is no reason to accept the contentions in the hearing note and hence decided to adhere to the earlier decision to recommend rejection of the proposal due to the non-compliance of EC condition. Since the EC conditions remain non-complied, it is desirable to direct the applicant to follow the procedure to surrender the EC as detailed in OM of the MoEF & CC dated 29.3.2022 while considering the withdrawal of application.

134.21 Environmental Clearance for the Quarry Project in Sy.No. 276/2, 281/2 B/No. 45 at Anakayam Village, AnakayamPanchayath and Sy. No. 244 at Manjeri Village, Manjeri Municipality, Ernadu Taluk, Malappuram District by Sri. Abdul Azeez, Managing Director, M/s Manjeri Bricks and Metals Pvt. Ltd. – Request to recall the rejection Order and to reconsider the proposal for revalidation of EC - reg (File No.537/SEIAA/EC/3880/2014)

Decision: Environmental Clearance was issued to M/s Manjeri Bricks and Metals Pvt. Ltd on 11.02.2016 for a period of five years. As per the direction of Hon. High Court to SEIAA to consider the applications for enhancement of validity of the EC certificate, by estimating the project life of the particular project. As directed, the SEAC considered the proposal, conducted field inspection and verified the documents and in the 124th meeting of SEAC held on 24th to 27th August 2021 decided to recommend direction to the proponent to apply afresh

since the proposal is not eligible for revalidation which was agreed to by the 112th meeting of SEIAA held during September 14-16, 2022 and the rejection order was issued on 18.10.2021.

The PP vide letter dated 07.01.2022 requested to reconsider the decision as it was taken without giving an opportunity of hearing and to submit clarification to the points raised in the field inspection report including submission of a single Mining Plan. The 114th meeting of SEIAA held during May 25-26 and June 1, 2022 heard the PP and considered the hearing note dated 1.6.2022 submitted by him in the 115th meeting of SEIAA held on June 30, 2022. The Authority decided that the recommendation of SEAC was correct and hence revalidation of EC can't be considered for the project and the Project Proponent has to submit fresh application for EC. The Authority also gave one more opportunity to the PP to present the case before SEAC.

The PP along with his consultant was heard by the SEAC in its 131st meeting held during August 5-6 & 19-20, 2022. The Committee made detailed observations and noted that the EC issued on 11.2.2016 in Anakkayam Village was for an area of 2.1311 Ha (Sy. No. 276/2, 281/2) and that in Manjeri Village was for 0.7238 Ha (Sy. No. 244) based on the Mining Plan approved on 13.8.2014. However, the order dated 22.9.2015 indicated that the lease area sanctioned in Anakkayam Village was 2.0603 Ha (Sy. No. 276/2, 281/2) and the order dated 4/11/2015 indicated that the lease area sanctioned in Manjeri Village was 1.0550 Ha (Sy No 116/16). Therefore, there is discrepancy in the area and survey numbers for which EC was issued, lease sanctioned and clarification of EC area submitted by the Proponent. Accordingly, the 131st meeting of the SEAC decided to bring the observations of the Committee to the notice of SEIAA.

The SEIAA in its 118th meeting held during September 30 & October 1, 2022 considered the decision of the SEAC and observed that even though the SEAC observed the discrepancy in the area and survey numbers for which the EC was issued and lease sanctioned, the SEAC has forwarded the application without any specific recommendation and referred back the proposal to SEAC for specific recommendation. **The Committee discussed the matter in detail and decided to recommend rejection of the application for revalidation of EC based on the discrepancies noted as above and the detailed observations made in the minutes of the 131st meeting of the SEAC.**

134.22 Environmental Clearance issued from DEIAA, Thiruvananthapuram for the granite building stone quarry project in Uzhumalakkal Village, Nedumangad Taluk, Thiruvananthapuram District by Smt.ShailaNasar, Director, M/s Al-Nassar Granites Pvt.Ltd - Judgment dated 30.11.2020 in WP (C) No. 26372/2020-Revalidation of EC. (File No. 2793/EC1/2020/SEIAA).

Decision: Environmental Clearance was issued to the project by the DEIAA, Thiruvananthapuram vide EC No.03/2017 dated 04.04.2017, for a period of 5 years. The 124th meeting of the SEAC discussed the field inspection report conducted in response to the application for revalidation of the EC decided to recommend to SEIAA that the project is eligible for revalidation of EC with Project life of 8 years from the date of the original EC issued, subject to the production of Wildlife Clearance from NBWL since the project area is within a distance of only 6.70 km Peppara WLS. The proponent has not submitted proof of the application for Wildlife Clearance. The 114th SEIAA observed that the proponent is continuing quarrying with EC dated 04.04.2017 without getting the mandatory Wildlife Clearance from the NBWL and decided to seek an urgent clarification from SEAC for recommending revalidation of EC after a thorough scrutiny of all relevant documents. The 130th meeting the SEAC Committee examined the matter and clarified that the EC to the project was issued by DEIAA, Thiruvananthapuram and the SEAC considered the revalidation project as per the direction of the Hon'ble High Court to the SEIAA. It is only while the appraisal of the project through detailed scrutiny of the documents by SEAC, it was found that the project was operating without NBWL Clearance.

The clarification of SEAC was placed in the 117th meeting of SEIAA held during August 30-31, 2022. The Authority examined the proposal and noticed that the quarry started functioning without obtaining mandatory clearance from the NBWL and violated the guidelines of MoEF & CC. Therefore, the Authority issued Stop memo dated 24.09.2022 to M/s Al-Nassar Granites Pvt.Ltd allowing the Proponent to file reply to the show cause notice within 30 days and directed the Department of Mining & Geology Department and Forest & Wildlife Department to take actions for violations. M/s Al-Nassar Granites Pvt.Ltd., approached the Hon. High Court vide WP(C) 31599/2022 and the writ petition was disposed of directing the petitioner to submit reply to the show cause notice within a period of two weeks from 11.10.2022 and the SEAC shall consider the reply in the immediately ensuing

meeting positively. The Court also ordered that the Stop Memo issued by the SEIAA shall stand deferred till a decision is taken in this regard.

The committee examined the reply submitted by the proponent to the show cause notice as directed by SEIAA. The main contention of the proponent for not obtaining clearance from NBWL is that the mining area is outside the eco sensitive zone in the draft notification dated 25.03.22. The proponent submitted that the eco-sensitive zone of the Peppara Wildlife Sanctuary is applicable to a maximum of distance of 2.72 km only and the project under consideration is 6.7km away. However, it may be noted that eco sensitive zone has not been finally notified. As per the OM of the MoEF &CC dated 08.08.2019 and 16.07.2020 it is mentioned that “Proposals involving developmental activity/project located within 10 km of National Park/Wildlife Sanctuary wherein final ESZ notification is not notified (or) ESZ notification is in draft stage, prior clearance from Standing Committee of the National Board for Wildlife (SCNBWL) is mandatory. In such cases, the project proponent shall submit the application simultaneously for grant of Terms of Reference/environmental clearance as well as wildlife clearance”. **In this circumstance, the Committee decided to inform SEIAA that the reply to the show cause submitted by the Proponent is not acceptable and it is mandatory for the Proponent to obtain Wildlife Clearance from NBWL. The Committee also decided to recommend to SEIAA to seek a clarification from the PCCF & Chief Wildlife warden regarding the claim of the Proponent that the eco-sensitive zone of the Peppara Wildlife Sanctuary is applicable only to a maximum of distance of 2.72 km.**

134.23 Environmental Clearance for the quarry project in Sy.No. 266/1, 266/2, 253/5, 253/15, 253/16 and 253/17 at Cherukavu Village, Kondotty Taluk, Malappuram District by Sri.Mayin Haji, M.C., M/s Calicut Granites (P) Ltd– Judgment dated 19.01.2021 in WP(C) No.1123/2021 - Revalidation of EC – reg : - (File No.676/SEIAA/KL/5356/2014).

Decision: Environmental Clearance was issued for an area of 9.1058 Ha owned by M/s Calicut Granites (P) Ltd. for a period of 5 years up to 03.03.2021. As per the direction of the 112th meeting of SEIAA and as decided by the SEAC, a Sub-committee of the SEAC conducted field verification on 20.05.2022 to verify the compliance status of the directions/conditions suggested by the 124th SEAC meeting. The Committee also noticed that the proponent has obtained CCR from IRO, MoEF CC, Bangalore. The 112th meeting of

SEIAA decided that as the total area is more than 5 ha, SEAC should consider SEAC should consider the recommendations of Public hearing while recommending for revalidation of EC after field inspection. The 131st meeting of the SEAC considered the proposal and decided to consider the project after the PP comply with the directions of the Authority to conduct Public Hearing and the proponent was informed to conduct the public hearing vide Letter dated.12.10.2022. Vide orders of Hon'ble High Court in WP(C) 33286 dated 20.10.22, the resolution No. 131.06 of 131st meeting of SEAC has been stayed and the Hon'ble Court has admitted the submission of the petitioner that public hearing is not warranted for extending for the period of project life in the mining plan. **In the light of the court order and based on the recommendation of field inspection conducted on 19.07.2021 & 16.05.22 the Committed decided to recommend revalidation of EC with a total project period of 17 years from the date of issuance of original EC, i.e., 15.12.2015 subject to the following specific conditions in addition to specific and general conditions issued in the EC order dated 15.12.2015.**

1. The OB stored around the quarry at uphill side should be protected by providing terraces along with planting indigenous species. The lower slopes of the terraces shall be protected with geo- textile
2. Garland canal, silt traps, siltation ponds, outflow channel connecting the nearest natural drain should be planned and implemented covering the entire project area.
3. The overland flow should be collected and discharged to a natural stream in the valley region of the landscape through bottom and side-sealed drainage channel.
4. Extreme care should be taken to prevent any blockage or diversion of surface drain in and around the project area
5. The garland canal, catchwater drains, silt traps, water holding and clarifier pond and outflow channel should be cleaned and desilted periodically such that there should not be any hindrance to overland flow and geo-tagged photographs of the process should be included in the Half Yearly Compliance Report.
6. No blasting should be done during the days of moderate and heavy rains considering high land fragility of the region.
7. The impact of blasting should be monitored periodically in terms of peak particle velocity and amplitude up to a distance of 100m from the project boundary.
8. The time of blasting should be different from that of the adjacent quarry.
9. Planting of trees of local species on both sides of the road within the project site should be completed prior to commencement of mining.

10. The green belt should be developed in the buffer zone and nurtured on a regular basis and the status of the green belt should be uploaded along with geo-tagged photographs in the HYCR
11. Mined out benches should be filled with topsoil and greening effort should be taken up in such areas. Indigenous species of plants should be given preference in the greening program.
12. 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
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 pm).
14. Adequate sanitation, waste management and rest room facilities should be provided to the workers
15. Adequate energy conservation measures should be implemented including solar power installations

134.24 Environmental Clearance for the Quarry Project in Sy. No. 611/1A-303-147 at Keerampara Village and Panchayath, Kothamangalam Taluk, Ernakulam District, Kerala by Sri. Reji Kuriakose and Smt. Jeeva Reji (File No: 144/SEIAA/KL/2745/2013).

Decision: Environmental Clearance was rejected as per proceedings dated 13-09-2017. Hon'ble NGT in Appeal No. 07 of 2020(SZ) set aside the rejection order. In order to comply with the directions of the Hon'ble NGT, the Authority referred the proposal back to SEAC for fresh appraisal. After appearing for hearing before the Committee, the Project Proponent submitted hearing note and proof of application to NBWL for clearance as per the direction of the 133rd SEAC. The Committee observed that as per the NOCs submitted along with the Mining Plan dated 18-5-2012 and 1-3-2013 the validity is for a period of 12 years and is valid. But the NOCs dated 20-12-2010, 18-10-2010 and 23-06-2011 the validity is not mentioned and it seems that they are expired. Therefore, the Project Proponent has to submit valid NOCs. **The Committee discussed the proposal and hearing note and verified the documents and decided to entrust Dr. Mahesh Mohan and Dr. K N Krishnakumar for field inspection and report.**

134.25 Environmental Clearance issued to Sri. George Kochuparambil, for the Building Stone Quarry Project in Re survey Nos. 354/4, 354/5, 355/1pt,

351/1pt, 328/5, 350, 352/1pt, Manakkad Village, Thodupuzha Taluk, Idukki District, Kerala (File No: 1137/EC/SEIAA/KL/2017).

Decision: The Committee examined the proposal and observed that the 133rd SEAC heard the complainant and directed them to submit hearing note with supporting documents, if any. **The Committee also decided to direct the EC holder to submit the following reports within two months.**

- a. Impact of vibration due to blasting on the nearest houses and other built structures within 200m radius in terms of Peak Particle Velocity and amplitude for maximum charge per delay.
- b. Noise level monitored at residential spots within a radius of 200m

The Committee also decided to direct the EC holder to take the following measures and report the compliance within two months.

1. Blasting should be conducted with a maximum of 30 holes in a blast round using 32mm diameter blast holes drilled with handheld Jack hammer drill to a maximum depth of 1.5m and each hole charged with a maximum of 250gm of explosive.
2. NONEL based shock-tube detonators should be used for initiation so as to have hole to hole delay of 17ms and 25ms and accordingly row to row delay of 25ms or 42ms.
3. Adequate muffling arrangement using mats should be ensured to restrict fly rocks within 10m.
4. The blasting time fixed should be strictly adhered to and the time of blast and warning boards should be exhibited for information of the Public as well as warning siren be used prior to blasting.

The complainants have not submitted hearing note except another petition dated 10.10.2022, which is the repeat of the earlier complaint. **In order to resolve the apprehensions of the complainants the proponent is directed to submit the above reports within 2 months and adopt the additional safeguard measures as listed above.** Further action, if any, on the complaint will be considered after the receipt of a compliance report from the Proponent.

134.26 Application for Environmental Clearance for mining of Granite Building Stone Quarry project of Mr. Mathew, M/s Alacode Granites in Survey No 292/1 A of Vellad Village, Thaliparamba Taluk, Kannur District, Kerala (File No. 1277(A)/EC2/2019/SEIAA).

Decision: The proposal was rejected in the 106th meeting of SEIAA by accepting the recommendation of SEAC that the hazard potential of the proposed site is high. After hearing the proponent, the SEAC entrusted a Sub-committee to study the report prepared by the NIT, Surathkal, evaluate the details presented before the Committee and assess the details of the project including the field inspection report, other studies and reports, if any, etc and advise the Committee to arrive at a final decision. The Committee verified the evaluation report of the Sub Committee and observed the following:

1. The NIT study has not answered the additional reasons pointed out by the Committee in its 124th meeting held during August 24-27, 2021 for the rejection of the proposal.
2. The study primarily focused on the strength of the basement rocks and not focused on the top soil thickness, position of the site with respect to the steepness of slope of the terrain and other land fragility parameters.
3. The vulnerability of the portions of Western Ghat terrain in Kerala, especially the mass movements of overburden, soil piping etc., has not been considered in the study.
4. The vulnerability potential with respect to the varying soil thickness has not been considered in the study.
5. The vulnerability potential with respect to different saturation levels has not been analyzed in the study.
6. It is understood that during the dry period, normally, the FOS will be above the value of 1 but during wet season it drops down to 1 or below it. This has not been considered in the study.
7. The slope map shows that the slope of the site and immediate surroundings mostly vary from 10-30° with a significant portion of the site having magnitude of slope varying from 30-37° slope. There are also areas with magnitude of slope greater than 37° in the vicinity of the site. It may be noted from various reports of landslide studies that in the Western Ghats of Kerala, the slope with magnitude varying from 22 -30° is very critical from the point of view of landslide. The study also has not sub-classified the slope to have a detailed analysis of the area.
8. Though site specific elevation contour data is available for the area to conduct detailed slope analysis, the study resorted to the use of remotely sensed data (ASTER) leading to the generation of slope map with lower resolution. Hence the

findings based on it is not reliable for critically vulnerable terrain such as the one dealt with here.

9. The study have not adequately incorporated geo-factors such as slope, soil characteristics, overburden thickness, relative relief, drainage characteristics, hydrogeological characters for assessing the terrain vulnerability to landslides and deciding the factor of safety.
10. The site falls under Medium Hazard Zone in continuation to High Hazard Zone, the latter just at 60 meters away from the site. The site is located at the mid-portion of the steep side slope of a hill range with altitude of 640m above MSL. Therefore, the hazard vulnerability cannot be ascertained merely based on the inadequate data gathered from the site.

Based on the above observations, the Committee decided that the study conducted and report submitted by the NIT does not favour the reversal of the decision of the SEAC and SEIAA taken earlier to reject the proposal. In the circumstance, the Committee decided to recommend rejection of the proposal due to the following reasons.

1. The site falls in the middle portion of an elongated and highly steep slope with significant overburden thickness and hence very fragile.
2. The site falls in the medium hazard zone in continuation to the very near high hazard zone as per the landslide hazard zonation map and hence the terrain is very fragile and hazard prone.
3. The slope condition, steepness of slope in the upper and lower portion of site, soil characteristics, overburden thickness, surface and subsurface hydraulic characteristics and the high magnitude and high intensity rainfall characteristics of the area enhances the hazard potential of the site and surrounding areas.
4. Land based hazards such as soil piping and landslides are reported in the nearby places of similar terrain characteristics and therefore high magnitude and high intensity human interventions such as quarrying will enhance the hazard potential.

The Committee noted the letter dated 21.10.22 submitted by the Proponent requesting to conduct a field inspection in the presence of experts from NIT, Kerala. **The Committee examined the request and decided that detailed field visit and evaluation has been conducted in the site and sufficient opportunity has been given to the proponent to**

explain their findings and arguments and therefore, there is no necessity of further field inspection.

134.27 Environmental Clearance for the Building Stone quarry project in Sy.No. 36/3 (pt), 37/1(pt), 37/2(pt), 37/3(pt) at Morayoor Village, Kondotty Taluk, Malappuram District, Kerala by Sri.E.A.AbdulKarim, M/s Malabar Aggregates – Judgment dated 23.02.2021 in WP(C) No.4687 of 2021 - Revalidation of EC (File No.853/SEIAA/EC1/2977/2015).

Decision: Environmental Clearance was issued to M/s Malabar Aggregates on 31.10.2016 for a period of five years. Application for revalidation as per WP(C) No. 4687 of 2021 was received on 5.3.2021 and the PP submitted the additional documents sought on 7.6.2021. Based on the decision of the SEAC in its 123rd meeting, a field inspection was carried out on 15.8.2021. The 124th meeting of the SEAC decided recommended revalidation with project life of 12 years subject to submission of modified CER. The 112th meeting of SEIAA decided to consider the EC revalidation proposal recommended by SEAC after the proponent attending all the observations made by SEAC within 6 months and submit a compliance report to SEAC and its field level confirmation by the SEAC. The Authority also noted the WP(C) No.16123 filed by Sri. Shahad alleging certain irregularities in the functioning of the quarry and decided that the outcome of this WP(C) will be considered while revalidating the EC period.

A complaint was filed by Sri. Shahad against the quarrying operations of M/s.Malabar Aggregates (P) Ltd with a prayer not to revalidate the Environmental Clearance due to violation of EC conditions and that there are many houses within 200m of the quarry. There were two petitions filed before the Hon High Court, WP(C) No.16123/2021 by Sri. Shahad and WP(C) No.24212/2021 filed by Sri. Ahammad kutty. The Hon'ble High Court on 02.12.2021 disposed of the writ petitions directing the District Collector, Malappuram, Senior Environmental Engineer, and the Geologist respectively to consider and pass orders on the representations in accordance with law and after hearing the petitioners. However, there was no direction to the 1st Respondent SEIAA in the judgement. The 113th meeting of SEIAA decided to obtain the action taken report from the District Collector, Malappuram, Senior Environmental Engineer, KSPCB, and the Geologist in compliance with the Judgments and directed SEAC to confirm satisfactory compliance of its directions considering the complaint of the petitioner in WP(C) No. 16123/2021.

The PP submitted the EMP with CER and the Mining Plan, Test Report, Cluster Map, Survey Map, 'Satisfactory' Compliance Certificate from MoEF & CC etc and the 128th meeting of the SEAC entrusted a Sub Committee to confirm the compliance. **The Committee discussed the field inspection report and decided to direct the proponent to submit the following additional documents:**

1. A report on the CSR / CER activities undertaken with proper bills and vouchers
2. A report on the planting of avenue trees undertaken using suitable indigenous species.

The Committee also observed that the District Collector, Malappuram has submitted the report in response to the decision of 113th SEIAA, but the reports from the Senior Environmental Engineer, KSPCB and District Geologist are yet to be received.

134.28 Environmental Clearance for Masonry Stone Mine Quarry in Survey Nos. 59/1-1, 86/4 in Block number 79 in Kootikkal village, Kanjirapally Taluk, Kottayam District (2438/EC1/2019/SEIAA).

Decision: The Committee discussed the proposal in detail and observed that Kootikkal Village is an ESA village and mining is prohibited in the ESA villages as per the OM of MoEF & CC issued on 13.11.2013. Therefore, the Committee cannot consider the application for EC for the mining project. **In the circumstance, the Committee decided to cancel the proposed field inspection to the site as decided in the 126th meeting, and the matter shall be intimated to SEIAA.**

134.29 Environmental Clearance issued to the Building Stone Quarry Project in survey Nos. 396/1B2, 397/1-1, 396/1B2, 397/1-1, 397/1-1, Varapetty Village & Panchayat, Kothamangalam Taluk, Ernakulam District, Kerala owned by Sri. P.K. Prasad – Revalidation- Presentation[File No: 1103/EC/SEIAA/2020]

Decision: As invited, an authorized person of the Proponent namely Mr. Rohan Prasad, with authorization letter, and the Consultant, Mr. Jomon. M.C on behalf of M/s Environmental Engineers & Consultants Pvt. Ltd. were present. The life of mine is 12 years. **The Committee decided to direct the proponent to submit the following additional document:**

1. Scheme of mining or certificate from the District Geologist regarding the quantity of mineral extracted and the balance quantity available for extraction.

134.30 Environmental Clearance for the mining of Granite Building Stone Quarry Project at Survey No.78/2A Kumaranellur Village, Kozhikode Taluk, Kozhikode District, Kerala. (Judgment in WP (C) No.10301/2021 filed by Sri.Habeebu Rahiman P.M, M/s Profile Sand - regarding the validity of EC. (File No. 130/SEIAA/KL/2437/2013).

Decision: The Committee discussed the field inspection report and observed the following.

1. The Project is not eligible for revalidation as per the Judgment in WP (C) No.10301/2021 as EC was given for the entire Life of Mine projected. Since the Proponent has submitted approved mining plan indicating the availability of unextracted mineable reserve and life of mine beyond 8 years, it is desirable to consider the application submitted in Form 6 for extension of validity of EC.
2. The SEIAA is in receipt of a complaint filed by the Environment Protection Committee on 07.05.2022 with regard to the revenue information submitted by Profile Sands, Profile Granites and Tristar Quarry & Crusher including whether the land is a plantation land. The Mining & Geology Department may be addressed to enquire and report
3. As per the EC condition, the mining depth should not exceed beyond 40m, unless otherwise specified or not below the level of nearest stream bed, whichever is less. The Mining & Geology Department may be addressed to examine whether the maximum depth of mine void have been exceeded from the approved mine plan or not.
4. The Proponent has laid the road to the crusher through the project area within the buffer zone which is against the mine plan and EC condition. Therefore, explanation may be sought from the Proponent and he be directed to shift the road from the project area and submit a proof.
5. The CSR commitment was Rs. 10 lakh/year. The Proponent failed to submit adequate proof of expenditure of CSR commitment. Therefore, he may be directed to submit appropriate proof.
6. The Certified Compliance Report (CCR) from the Integrated Regional Office of MoEF & CC, Bangalore dated 25.4.2022 rated the status of compliance of this project as satisfactory. However, it has not evaluated the compliance status of the specific conditions stipulated in the EC order. Therefore, the CCR is incomplete and the Proponent may be directed to submit a revised CCR.

7. The Sy Number given in the EC, Mining Plan and Lease agreement is 78/2A. But the Non-Assignment Certificate, Possession Certificate etc. submitted as proof of land ownership indicates Sy Nos as 78/2101, 78/112, 78/113, 78/114, 78/115 for a total area of 7.2489 Ha. The Survey Map indicates that the project area includes a survey no. 78/1821 which is not mentioned in the non-assignment certificate or possession certificate. Therefore, the Proponent may be directed to submit clarification regarding revenue records.
8. As per the EC condition, it is required to maintain barbed metal wire fencing around the mining area with a height of 5 ft, but the present fencing has only 4 ft height. The Proponent may be directed to rectify the shortcomings and submit appropriate proof with immediate effect.
9. A crusher is located just at the boundary of the project site near BP6 which is against the norms. The Proponent may be directed to submit a viable proposal for maintaining a buffer of 50m between the project boundary and the crusher.
10. The boundary of the plot with distance from reference boundary pillars has to be provided in the cadastral map. The precise coordinates of these points may also be given. The boundary of the plot given in report need correction and the Proponent may be directed to comply with this.
11. One of the specific conditions in the EC order is that the proponent has to reduce the steep cuttings in the old workings by providing benches preferably along the strike of the body. This is not found complied with. The proponent may be directed to clarify the non-compliance of the condition and submit a proposal for complying with the condition.
12. Another specific condition in the EC order was to maintain a distance of 100m from the HT line and 50m from the road as No Development Zone and it was to be demarcated with pillars. Further, proper green belt was to be provided in the 50m buffer zone by the side of the road. This condition is not complied with and therefore, the proponent may be directed to submit a proposal for complying with the condition.
13. Storm water channelization is presently not practiced. The water from the pit area needs to be let into desiltation tanks and clarified before it is let out. Possibility of providing a check dam at the lowermost valley section for the next stage of desiltation and clarification may be explored. The proponent has not complied with the condition fully and therefore, may be directed to submit a comprehensive drainage plan along with plan depicted in a map.

14. The house located at 60m distance from the project boundary is not shown in the Survey Map. The Proponent stated that the house is owned by them and being used as store room and for accommodation of employees. Since the EC condition given is “Norms of Kerala State Pollution Control Board should be adhered to regarding distance criteria of residences, roads, rivers and worship places”, the proponent may be directed to submit a recent survey map showing all the built structures within 200m radius of the project site to clarify that he complies with the distance norm of the KSPCB.
15. The project proponent is holding another EC (646/EC4/4942/2014/SEIAA dated 03.02.2016) for a building stone quarry project named Profile Sands in the same Survey No. 78/2A. The google map showing both the site separated by a distance of about 400m is shown along with the photographs in the FIR. In order to evaluate the cumulative environmental implications, the proponent may be directed to submit a KML file showing both the quarries for which he holds EC.
16. There may also be other quarries in the vicinity and hence the project proponent may be directed to submit a map of the area within 500m radius of the proposed quarry showing all the abandoned and functional quarries and all other built structures including houses, crushers, roads, high tension lines and all other built structures.
17. A recent Cluster certificate is not found uploaded. Therefore, the Proponent may be directed to submit a recent Cluster Certificate from the Mining & Geology Department.

The Committee decided to recommend to SEIAA to seek responses/clarifications/documents in response to the above observations from the Proponent.

134.31 Environmental clearance for the quarry project in Sy.No. 78/2A Pt at Kumaranellur Village, Karassery Panchayath, Kozhikode Taluk, Kozhikode District, Kerala by Sri.Habeebu Rahiman P.M (Judgment in WP(C) No.12391/2020 filed by Sri.Habeebu Rahiman P.M, Kozhikode - regarding the validity of EC). (File No.646/EC4/4949/2014/SEIAA)

Decision: The Committee discussed the field inspection report and observed the following:

1. The Proponent has not complied with conditions put forward by the SEAC on 19.7.2021 and hence revalidation of EC for the life of mine shown in the EC order (6 years) is not recommended.

2. Since the Proponent has submitted a completed application in Form 6 for extension of the validity of EC on 22.9.2020 and submitted approved mining plan dated 27.2.2020 indicating the availability of unextracted mineable reserve with life of mine of 8 years and Certified Compliance Report dated 29.1.2021 from the Integrated Regional Office, MoEF & CC, Bangalore, it is desirable to consider the application submitted in Form 6 for extension of validity of EC.
3. The SEIAA is in receipt of a complaint filed by the Environment Protection Committee on 07.05.2022 with regard to the revenue information submitted by Profile Sands, Profile Granites and Tristar Quarry & Crusher including whether the land is a plantation land. The Mining & Geology Department may be addressed to enquire and report
4. As per the EC condition, the maximum depth of mining from general ground level at the site should not exceed 10m. As per the site elevation map, the elevation of the site vary from 35m to 70m above MSL. The Mining & Geology Department may be addressed to examine whether the maximum depth of mine void have been exceeded beyond 10m below ground level.
5. The CSR commitment was Rs. 10 lakh/year. The Proponent failed to submit adequate proof of expenditure of CSR commitment. Therefore, he may be directed to submit appropriate proof.
6. The CER submitted should be revised in consultation with stakeholders incorporating monitorable targets as per the Office Memorandum of the MoEF & CC
7. The Sy Number given in the EC, Mining Plan and Lease agreement is 78/2A. But the Non-Assignment Certificate, Possession Certificate etc. submitted as proof of land ownership indicates Sy Nos as 78/2353, 78/112, 78/111, 78/106, 78/109. Therefore, the Proponent may be directed to submit clarification regarding the Survey Numbers recorded in EC order and Mining Plan and that in Possession Certificate and Non-Assignment Certificate.
8. Since the Proponent has not corrected the height and width of benches and the slope is more than 45 degree in the quarry at place, the Proponent may be directed to submit a plan for providing benches of appropriate heights and achieving slope less than 45 degree.
9. The garland canal along with intermittent silt traps are provided only partially. Since the over burden thickness is high at places, maintenance of drainage assumes significance. Therefore, the Proponent may be directed to submit a detailed drainage plan considering

the entire quarry area incorporating garland canal, silt traps, siltation pond, out flow channel connecting to a natural drain with adequate carrying capacity.

10. The overburden thickness at places in the top portion of the project site is high. Therefore, the Proponent may be directed to submit a detailed plan, preferably bio-engineering plan to avoid land collapse in such locations.
11. The project proponent is holding another EC (File No. 130/SEIAA/KL/2437/2013; SIA/KL/MIN/268719/2022) for a building stone quarry project named Profile Granites in the same Survey No. 78/2A. The google map showing both the site separated by a distance of about 400m is shown along with the photographs in the FIR. In order to evaluate the cumulative environmental implications, the proponent may be directed to submit a KML file showing both the quarries for which he holds EC.
12. There may also be other quarries in the vicinity and hence the project proponent may be directed to submit a map of the area within 500m radius of the proposed quarry showing all the abandoned and functional quarries and all other built structures including houses, crushers, roads, high tension lines and all other built structures.
13. A recent Cluster certificate is not found uploaded. Therefore, the Proponent may be directed to submit a recent Cluster Certificate from the Mining & Geology Department.
14. A recent survey map is not found uploaded. Therefore, the Proponent may be directed to submit a recently certified Survey Map from the Village Office showing all the built structures within 200m
15. Environmental quality data submitted along with the application was old and it is desirable to seek recently monitored environmental quality data.

The Committee decided to recommend to SEIAA to seek responses/clarifications/documents in response to the above observations from the Proponent.

134.32 Environmental Clearance issued for the proposed Commercial Complex (Hotel, Convention Centre & Shopping Mall) project, M/s LULU International Shopping Mall Pvt. Ltd., Thiruvananthapuram District - Clarification sought regarding CER/CSR commitments (File No.1047/EC1/899/SEIAA/2016).

Decision: The Committee approved the CER plan submitted by M/s LULU International Shopping Mall Pvt. Ltd., Thiruvananthapuram District **and decided to recommend to SEIAA for further necessary action for its implementation.**

134.33 Environmental clearance issued to the Proposed quarry project in Sy. Nos. 166/2, 166/2-6, 166/2-7, 166/2-9, 166/2-10 at Koodal Village, Adoor Taluk, Pathanamthitta District, Kerala of Mr. P.J. Jacob, Director, M/s Inchappara Sands & Granites Pvt. Ltd.- Judgment dated 07.10.2021 in WP (C) No.30764/2021 filed by M/s Inchappara Sands & Granites Pvt. Ltd (File No.912/SEIAA/EC4/3648/2015)

Decision: Environmental Clearance was issued to M/s Inchappara Sands & Granites Pvt. Ltd vide proceedings No. 912/SEIAA/EC4/3648/2015 dated 10.10.2017 and the validity of EC expired on 09.10.2022. The proponent has submitted the satisfactory CCR from IRO, MoEF& CC, Bangalore though no mining was undertaken in the proposed site. **The Committee verified the field inspection report conducted on 16.10.2022, and decided to direct the Proponent to submit the following additional details/documents.**

1. Recently certified Survey Map from the Village Officer indicating distance to the built structures within 200m radius of the Project site
2. Plan for maintaining buffer of 100m between the Mining area and dwelling units
3. Working plan for removal of the boulders present in the proposed site
4. Recent cluster certificate from the Mining & Geology Department
5. Proposal for implementation of Corporate Environmental Responsibility as per norms
6. Test results of environmental quality (air, water & noise) parameters from an NABL accredited lab
7. Mineable Reserve and production plan for Block B of the Project site (3.1671 Ha) for which the EC is given earlier.
8. Quantity of water requirement and Source of water for the project and safe yield of the source
9. Depth to water table in the nearest observation well along with geo-tagged photographs of the well
10. Response of the Proponent to the two Complaints (Copy of the complaints to be provided to the Proponent)

PARIVESH

PART 1

CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE

1. SIA/KL/MIN/130079/2019 , 1696/EC4/2019/SEIAA

Environmental Clearance for the Granite Building Stone Quarry of Sri. Satheesan, at Re - Survey No. 159/2A2B of Poolakode Village, Kozhikode Taluk, Kozhikode District, Kerala for an area of 0.6338 hectares. (FIR Received).

Decision: The Committee observed that the Proposal was examined in the 123rd, 124th, 126th and 127th meeting of SEAC. The 114th meeting of the SEIAA referred back the proposal for further assessment. The 132nd meeting of SEAC heard the presentation. The Committee discussed the Field Inspection Report conducted 01/10/2022 in detail and observed the following:

1. The proposed site encircles an abandoned quarry with a mine pit of depth more than 3 meters, containing water.
2. The abandoned quarry with a steep high wall of 70 meters on the southern side and 60 meters on the eastern side is remaining un-fenced, posing threat to the local populace and grazing animals.
3. The proposed project site is not fenced. Iron poles are used as boundary pillars.

Based on the above observations Committee decided to direct the proponent to submit the following additional documents:

1. Revised EMP with revised CER activities in tune with beneficiary requirements as per norms.
2. Revised drainage plan
3. Compensatory afforestation Plan
4. Recent cluster certificate as the one submitted is of 2018
5. Depth to the water table in a well near the site along with the geo-tagged photographs of the well
6. Map showing the distance to the landslide hazard zones

2. SIA/KL/MIN/132766/2019 , 1718/EC6/2020/SEIAA

Environmental Clearance for the Granite Building Stone Quarry project in Re-survey no. 337/1 in Morayur village, Kondotty Taluk, Malappuram District, Kerala for an area of 0.6301 Ha by M.Kunhi Muhammed. (FIR Received)

Decision: The Committee examined the proposal, verified the documents submitted by the proponent and discussed the Field Inspection Report of the Sub-committee conducted on 02.10.2022 as entrusted in the 132nd meeting of SEAC. The Committee observed the following:

1. The boundary pillars are not firmly fixed.
2. The project cost mentioned in the proposal is comparatively low.
3. The project area falls on the side slope of a hillock having high extent of natural vegetation and is likely to be lost during mining activities.
4. The source of water required for mining activities is not seen available.

Based on the above observations Committee decided to direct the Proponent to submit the following additional documents:

1. Geo-tagged photographs of the Boundary pillars after they are fixed properly.
2. Revised project cost and accordingly the revised EMP and CER along with modification of activities proposed in the CER in consultation with the stakeholders.
3. Detailed plan for compensatory afforestation.
4. Details of the source of water including its location in the map and the water availability based on yield test.
5. Plan for haulage road development.

3. SIA/KL/MIN/143147/2020, 1755/EC3/2020/SEIAA

Granite Building Stone Quarry at Survey No. 73/1B, 73/2B of Muvattupuzha Village, Muvattupuzha Taluk, Ernakulam, Kerala over an extent of 0.7091 Ha of Mr. Jiji P Ulahannan (FIR Received)

Decision: The Committee examined the proposal and discussed the Field Inspection Report conducted on 26.10.2022, in detail and observed that the road to the proposed site is narrow and nearest built structure, a house, is at a distance of 51m from the proposed site. The Committee observed that the project was presented before the Committee in its 122nd meeting and the committee sought some ADS. The Proponent submitted the documents on

10/08/2022. **The Committee decided to direct the proponent to submit the following additional documents:**

1. Revised EMP incorporating modified CER prepared as per the norms of the MoEF & CC
 2. Tree cutting and planting details which is not uploaded in Form 2 of Parivesh
 3. Detailed Compensatory afforestation plan with coordinates of the proposed area, number and type of trees proposed to be planted and geo-tagged photographs of the proposed site for planting.
 4. Depth to water table in the site as measured in the nearest perennial dug well along with geo-tagged photographs of the well and distance to it from the project boundary
- 4. SIA/KL/MIN/148123/2020 , 1658/EC6/2020/SEIAA**
Environmental clearance for Granite building stone quarry of Mr. Kunhalan. K, for an extent of 0.8165 Ha Re. Sy. Nos. 211/1, 211/3-2 (Block No. 59) of Pulpatta Village, Eranad Taluk, Malappuram District, Kerala (FIR Received).

Decision: The Committee examined the proposal and observed that the proponent has presented the project in the 122nd SEAC and the additional documents sought were submitted on 22.9.2021. The Committee discussed the field inspection report carried out on 03.10.2022 in detail and **decided to direct the proponent to submit the following additional documents:**

1. Revised site specific EMP along with budgetary provision for the entire period of life of mine and by removing activities such as haulage road construction, which is to be included in the Project Cost.
 2. Recent cluster certificate.
 3. Recently certified legible survey map from the Village Officer showing built-in structure within 200m radius of the proposed site.
 4. Map showing detailed drainage plan including connectivity to natural drain
 5. Depth to water table in the site as measured in the nearest perennial dug well along with geo-tagged photographs of the well and distance to it from the project boundary.
- 5. SIA/KL/MIN/151053/2020 , 1817/EC6/2020/SEIAA**
Application for the Granite Building Stone Quarry of Mr. Kuttiamu Haji in Survey No: 174, Cherukavu Village, Kondotty Taluk, Malappuram District,

Kerala (FIR Received)

Decision: The Committee examined the proposal and observed that the proponent has presented the project in the 128th SEAC during which it was noted that the proposal lack certain documents. The Committee discussed the field inspection report conducted on 02/07/2022 in detail and **decided to direct the Proponent to submit the following additional documents:**

1. Detailed site specific EMP along with budgetary provision for the entire life of mine and incorporating CER proposal prepared as per norms.
2. Detailed Compensatory afforestation plan with coordinates of the proposed area, number and type of trees proposed to be planted and geo-tagged photographs of the proposed site for planting.
3. Depth to water table in the site as measured in the nearest perennial dug well along with geo-tagged photographs of the well and distance to it from the project boundary.
4. Details of the source of water to be utilized for the project along with its yield potential estimated as the one suggested by the Proponent is inadequate.
5. Recent and legible certified survey map from the Village Officer indicating distance to the houses and other built structures within 200m and also the distance to the road nearby to the boundary pillars BP1 and BP2.
6. Recent Cluster Certificate from the Mining & Geology Department.

6. SIA/KL/MIN/159437/2020 , 1766/EC6/2020/SEIAA

Environmental Clearance for the Granite building stone quarry project in Sy No-1012/99, 1012/98, 1012/81 Melmuri Village, Ernad Taluk, Malappuram District, Kerala for an area of 1.7283 Ha. By Shri. Mohammed Nishad, P.P, M/s. Abbas Mines (Presentation)

Decision: As invited, the Proponent Mr. Muhammed Nishad P P and the Consultant, Mr. Haneesh Panicker, EIA Co-ordinator and functional expert on behalf of ABC Techno Labs India Private Limited were present. The consultant made the presentation. The Committee heard the presentation and observed that the maximum slope is 31⁰ and Minimum slope is 25⁰. The quarry site is partially in a medium hazard zone and falls in a terrain with very steep slope. It is also observed that in the Form 2, pre mining land use, post mining land use and mine void details are not filled properly. The Committee also discussed the report of the field inspection conducted on 12.05.2022 and noted that soil thickness is relatively high, the site is

located on the high slope region and the haulage road is not developed. The Committee observed that the area in which the site is proposed is environmentally vulnerable. **Based on discussions, the Committee decided to direct the proponent to submit the following additional documents:**

1. Revised EMP incorporating spot-specific proposals and budget provision for the entire life of mine and also incorporating revised CER proposal as per norms.
2. Details of the project sought for in the Form 2 which are not given
3. Hazard zonation map super-imposed over the map of the project area.
4. Detailed drainage plan including garland canal, silt traps, siltation pond, overflow channel and connectivity to the natural drain
5. Geo-tagged photographs of boundary pillars marked with geo-coordinates and fixed firmly on ground using concrete
6. Landslide hazard potential study based on site specific data and considering the thickness of overburden, soil profile, drainage density, vegetation, relative relief and location of the site at the high slope region.
7. Tree cutting details and the compensatory afforestation plan along with geo-tagged photographs of the site proposed
8. Traffic Management plan considering the vehicular movement to the local tourist destination namely Mini ooty and the large number of hair-pin bend and the gradient of road
9. Recent cluster certificate
10. Recently certified legible survey map from the Village Officer indicating distance to houses and other built structures.
11. Map of the micro-watershed in which the quarry is located and the distribution of population and built structures in the micro-water up to the downstream area.

7. SIA/KL/MIN/167172/2020 , 1862/EC6/2020/SEIAA

Application for the Environmental Clearance for the Proposed Granite (Building Stone) Quarry in Re-Survey Nos. 89/ 3- 3, 82/ 1- 3, 82 /1 -4, 89 /1 -11, 82/ 1 - 2, 89/ 1- 3, 89/ 3- 2 in Block No: 13, Muthuvallur Village, Kondotty Taluk, Malappuram District, Kerala for an extent of 1.3301 Ha by Mr. Niyas P.V, M/s HI Rock Granites Pvt. Ltd. (FIR Received)

Decision: The Committee examined the proposal and observed that the proponent presented the project in 128th meeting of SEAC and the additional documents were suggested. The Committee discussed the report of the field inspection conducted on 02/07/2022 in detail and found that the site falls on the side of a hillock having intermittent exposed rock and moderate vegetation surrounding the exposed rock. There is an abandoned quarry seen adjacent to the project site. **The Committee decided to direct the proponent to submit the following additional documents:**

1. Geo-tagged photographs of the boundary pillars with geo-coordinates marked on it and fixed firmly on ground using concrete.
2. Revised Project cost, a revised EMP with budgetary provision for the entire life of mine and incorporating the specific CER activities in physical terms to be undertaken by the proponent in consultation with the stakeholders.
3. Revised drainage map incorporating garland drain, silt traps, siltation pond and connectivity to natural drain.
4. Revised plan for the retention of top soil /overburden considering the slope characteristics
5. Plan for compensatory afforestation along with geo-tagged photographs of the site proposed for afforestation and species proposed for planting.
6. Recent cluster certificate

**8. SIA/KL/MIN/173485/2020 , 1834/EC6/2020/SEIAA
Environmental Clearance for the Granite Building Stone Quarry of Mr. Sameer P. at Re. Sy. No. 237/2, 237/1, 237/1-2 of Nediyruppu Village, Kondotty Taluk, Malappuram District of Kerala for an extent of 2.7047 Ha (FIR Received).**

Decision: The Committee examined the proposal and observed that the proponent has presented the project in the 128th SEAC. The Committee discussed the report of the field inspection conducted on 02/07/2022 in detail and found that the site falls in the upper slope of a hillock having high extent of vegetation, both natural and planted. It is also observed that a portion of the quarry fall in Moderate Hazard Zone. The slope is more towards the northern direction with habitation in the lower reaches. A road is passing through the project site and is reported to be of private use. Three abandoned quarries (1.5 Ha.) within the specified area is observed. Based on discussions, **the Committee decided to direct the proponent to submit the following additional documents:**

1. Details of water resources for the use of quarry operations.
2. Compensatory afforestation plan along with geo-tagged photographs of the proposed location.
3. Plan for the retention/protection of top soil/overburden
4. Action taken report regarding the safe disposal of plastic waste dumped in the project site.
5. Revised Project cost along with revised EMP with spot specific action plans and budgetary provision for the entire life of mine and incorporating specific CER activities in physical terms to be undertaken by the proponent in consultation with the stakeholders

9. SIA/KL/MIN/229494/2021 , 2029/EC6/2022/SEIAA

Environmental Clearance for the Granite Building Stone Quarry of Shri. Jimmy Jose, is situated in Sy.No. 318/2/2, 318/2/3 of Venganellur Village, Thalappilly Taluk of Thrissur District, Kerala. (Presentation) (Show cause notice by Mining & Geology Department).

Decision: As invited, the Proponent, Sri. Jimmy Jose and RQP, Sri. Sreekumar was present. The RQP made the presentation. The Committee heard the presentation and observed that mine life is 3 years, depth to water table is 82m and the distance from Peechi-Vazhani Wildlife Sanctuary is at 6.9 km. The Committee observed that the Project cost and EMP need revision and the reason for the Show cause notice by Mining & Geology Department along with its copy and explanation, submitted, if any. **The Committee decided to entrust Dr. Ajayakumar Varma & Sri. Sheik Hyder Hussain for field inspection and report.**

10. SIA/KL/MIN/251165/2022 , 2012/EC1/2022/SEIAA

Environmental Clearance for Granite Building Stone quarry of Mr. KV Radhakrishnan over an extent of 0.5706 Ha. Re-sy No.471/l(P) and 471/4(P) in Kuzhalmannam -1 Village, Alathur Taluk, Palakkad District, Kerala. (Presentation).

Decision: As invited, the Proponent, Sri. K V Radhakrishnan and RQP, Sri. Vikram Krishna was present. The RQP made the presentation. The Committee heard the presentation and observed that as per the survey map the Malampuzha Canal is at a distance of 8.36 km and Choolannur Peafowl Sanctuary is at a distance of 8.5km from the proposed area. The water table is shallow at 8 m below ground level. The Committee also decided that there appraisal

has been possible with google images and other details and secondary data. However, certain additional details are required and therefore, the **Committee decided to direct the proponent to submit the following:**

1. Drainage map showing details of garland canal, silt traps, siltation pond and connectivity to the natural stream.
2. Detailed Compensatory afforestation plan including the geo-coordinates of the proposed area and geo-tagged photographs of the proposed site, list of plant species (trees, shrubs, climbers, etc.), time frame, planting details, and a maintenance plan for the first five years.
3. Revised EMP incorporating specific CER activities in physical terms to be undertaken by the proponent in consultation with the stakeholders
4. Proof of application submitted to NBWL for wildlife clearance.

11. SIA/KL/MIN/251835/2022 , 2011/EC1/2022/SEIAA

Granite Building Stone Quarry of Mr. Mohammed Kutty K.P. having an area of 2.0997 Ha in Re Survey Block Nos. 41, Re Survey No.155 in Cherupulassery Village, Ottapalam Taluk, Palakkad District, Kerala. (Presentation).

Decision: As invited, the Proponent Sri. Muhammed Kutty and RQP, Sri. V Jayachandra Panicker were present. The Committee heard the presentation and observed that the area is 26.5 km from Choolannur Wildlife Sanctuary. The Life of mine is 12 years. The site is not close to a hazard zone per hazard zonation map. The details in the Form 2 of Parivesh is not filled properly. The nearest house is at 125m from the proposed site. Mine void is 5m below ground level. The OB dumping site is not appropriately located and the EMP cost is too meager. The Committee directed the proponent to submit the following details:

1. Revised project cost as per norms.
2. Revised EMP incorporating site specific mitigation and management measures along with adequate budget provision
3. Revised CER consisting of specific activities in physical terms to be undertaken by the proponent in consultation with the stakeholders.
4. Detailed plan for compensatory afforestation consisting of the geo-coordinates of the demarcated area for compensatory afforestation, geo-tagged photographs of the location, number of trees proposed and the type and species of trees, shrubs, herbs and climbers included in the afforestation program.

5. Details that are not filled in Form 2.

The Committee decided to entrust Dr. A V Raghu and Dr. K N Krishnakumar for field inspection and report.

12. SIA/KL/MIN/252014/2022 , 2071/EC6/2022/SEIAA

Environmental Clearance for Laterite building stone quarry of Mr. K.Abdul Gafoor, over an extent of 0.6184 Ha, Sy No-152/3-10, 152/5-3 in Payyanad Village, Ernad Taluk, Malappuram District, Kerala. (Presentation)

Decision: As invited, the Proponent Sri.Abdul Gafoor and RQP, Sri. Muhammed Kunhi with authorization letter were present. The RQP made the presentation. The Committee heard the presentation and found that there are two sheds within 50 m and one shed is at a distance of 13m. Another building under construction is 30m. **In these circumstances, Committee decided to reject the proposal.**

13. SIA/KL/MIN/270682/2022 , 2066/EC1/2022/SEIAA

Environmental Clearance for Laterite building stone quarry of Mr.Sidhique.K.P, over an extent of 0.9713 Ha, Re SyNo-272/2B in Pattithara Village, Pattambi Taluk, Palakkad District, Kerala (Presentation).

Decision: As invited, Sri. Muhammed Kutty, the authorized person of the Project Proponent, and RQP Dr. Sakkir Pillai were present. The RQP made the presentation. The mine life is 2 years and nearest house is at 51m. from the proposed area. But as per the certified sketch the nearest structure is at more than 100m. **The Committee decided to direct the proponent to submit the following additional details:**

1. Revised project cost
2. Revised EMP with spot specific environmental mitigation plans and budgetary provision for the entire life of mine and incorporating specific CER activities in physical terms to be undertaken by the proponent in consultation with the stakeholders
3. Recent legible survey map certified by the Village Officer showing all the built structure within a distance of 100m.
4. Legible lithological section of mining area.

14. SIA/KL/MIN/274693/2022 , 2055/EC1/2022/SEIAA

Granite Building Stone Quarry of M/S J&P Constructions over an extent of 1.8741 Ha. Survey Nos. 322, 323/1, 323/2 in Ongallur- I Village, Pattambi Taluk, Palakkad District, Kerala. (Presentation).

Decision: As invited, the proponent Sri.James Joseph and RQP, Sri. Jayachandra Panicker were present. The RQP made the presentation. The nearest house is at 103m from the proposed site. The Peechi Vazhani Wildlife Sanctuary is 18km from the project area. As per the cluster certificate there is no working quarry near to the site and does not fall in landslide hazard zone. A Crusher unit is seen located at a distance of around 200m. The Form 2 of Parivesh is not filled properly. The Committee observed that the following additional details have to be sought after the field inspection:

1. Revised project cost
2. Revised EMP incorporating spot specific mitigation plans and budgetary provision for the entire life of mine and also incorporating revised CER as per norms
3. Compensatory afforestation plan with indigenous species of trees as mentioned in the biodiversity assessment report in the land earmarked for the purpose along with the geo-tagged photographs of the site proposed for compensatory afforestation
4. KML file with boundary Pillars.
5. Details that are not entered properly in Form 2.

The Committee decided to entrust Dr. K.N. Krishnakumar and Dr. A.V. Raghu for field inspection and report.

15. SIA/KL/MIN/275123/2022 , 2037/EC1/2022/SEIAA

Granite (Building Stone) Quarry of Sri. Arun Varghese, Managing Director, Kottakkal Granite Industries Pvt Ltd in Block No. 18, Re-Survey Nos. 177/1pt(Govt. land) 178/2, 178/11 & 178/17 in Anad Village, Nedumangad Taluk, Thiruvananthapuram District (Presentation).

Decision: As invited, the Proponent Sri. Arun Varghese and RQP, Sri. V K Roy were present. The RQP made the presentation. The Committee observed that, as per the cluster certificate there is another quarry with the same name Kottakkal Granite Industries Pvt Ltd. situated near the proposed area in Re Sy. Nos 167/3, 167/4, 167/4-1, 167/5-1, 167/6, 167/7, 177/2, 177/2-1, 178/1, 178/3-2, 178/5, &178/10 with an area of 3.6849 ha for which EC was issued earlier by DEIAA on 21.06.2017. The revalidation proposal of the quarry was submitted to SEIAA on

09.12.2020 along with Judgment WP(C) No. 25844/2020 (E) and while considering the application the Proponent decided to withdraw the application. The withdrawal request was received with an explanation that “they decided to stop quarrying in that area and use the land for a purpose other than quarrying and the land reclamation is in progress”. The 113th SEIAA agreed to the withdrawal of application for revalidation and directed the District Geologist, Thiruvananthapuram to ensure that the final closure of the quarry is done as per the approved Mine Closure Plan. The Committee noted this and suggested to examine the violations, if any, while conducting field inspection. The Committee decided that the proponent has to submit following additional details:

1. Valid NOC from the District authorities.
2. Water management plan, source of water and safe yield of the source.
3. Compensatory afforestation plan with indigenous species of trees as mentioned in the biodiversity assessment report and geo-tagged photographs of the land earmarked for the purpose along with areal extent of the land.
4. Revised EMP incorporating spot-specific mitigation and adequate budgetary provision

The Committee decided to entrust Er. Dileep Kumar & Dr. R. Ajayakumar Varma for field inspection and report.

16. SIA/KL/MIN/276958/2022 , 2049/EC3/2022/SEIAA

Environmental Clearance for Granite Building Stone Quarry of M/s. Jesus Granites Pvt. Ltd. over an area of 1.4781 Hectare, situated in Survey No. 911/1-5, 916/3, 916/3-2, 916/3-3, 916/3-4 of Kallorkad Village, Muvattupzha Taluk of Ernakulam District and Kerala (Presentation).

Decision: As invited proponent, Sri. Jimmy Jose and RQP, Sri. Vikram Krishna were present. The RQP made the presentation. The Committee observed that the proposed area is away from the landslide hazard zone and more than 10km away from Thattekad Bird Sanctuary. The Committee decided to direct the proponent to submit following additional details:

1. Revised project cost
2. Revised EMP incorporating spot-specific mitigation and adequate budgetary provision
3. Revised CER incorporated in the EMP with activities in physical terms to be undertaken by the proponent in consultation with the stakeholders

The Proponent has another application with proposal No. **SIA/KL/MIN/277815/2022**, both the projects sharing the boundary and therefore, the **Committee decided to seek**

clarification form the Proponent as to why separate application for EC is submitted for adjacent plots. The Committee also decided to seek advice of the SEIAA whether separate application for EC in adjacent plot can be considered or not.

17. SIA/KL/MIN/277815/2022 , 2050/EC3/2022/SEIAA

Environmental Clearance for Granite Building Stone Quarry of M/s. Jesus Granites Pvt. Ltd. over an area of 1.4962 Hectare, situated in Survey No. 916/1-2, 916/1-2-2, 916/3-4, 917/1, 1122/1 of Kallorkad Village, Muvattupzha Taluk of Ernakulam District and Kerala (Presentation).

Decision: As invited, the Proponent, Sri. Jimmy Jose and RQP, Sri. Vikram Krishna were present. The RQP made the presentation. The Committee heard the presentation. The proposed area is away from the landslide hazard zone and more than 10km away from Thattekad Bird Sanctuary. The Committee decided to direct the proponent to submit the following additional details:

1. Depth of water table along with geo-tagged photographs of the nearest dug well from which water table measurement is taken .
2. Details that are not entered properly in the Form 2.

The Proponent has another application with proposal No. SIA/KL/MIN/276958/2022, both the projects sharing the boundary and therefore, the Committee decided to seek clarification form the Proponent as to why separate application for EC is submitted for adjacent plots. The Committee also decided to seek advice of the SEIAA whether separate application for EC in adjacent plot can be considered or not.

18. SIA/KL/MIN/279213/2022 , 2082/EC2/2022/SEIAA

Environmental Clearance for Laterite building stone quarry of Mr. Balakrishna Poojary over an extent of 0.0971 Ha, Survey No-119/PT in Adhur Village, Kasaragod Taluk, Kasaragod District, Kerala.

Decision: As invited, the proponent Sri. Balakrishna Poojary and RQP, Sri. Muhammed Kunhi were present. The RQP made the presentation. The depth of mine as per mining plan is 4m and life of mine is 1 year. Depth of water table is 9m bgl. The laterite column in the area

is very thick. The Committee discussed the details and decided to seek the following additional documents.

1. Recently certified survey map indicating distance to nearest built structures including buildings, roads, electric line etc.
2. Lithological section of the site.
3. Reason for two separate applications in the plot with same survey number

19. SIA/KL/MIN/280078/2022 , 2083/EC2/2022/SEIAA

Environmental Clearance for Laterite building stone quarry of Mr. Balakrishna Poojary over an extent of 0.0971 Ha, Survey No-119/PT1 in Adhur Village, Kasaragod Taluk, Kasaragod District, Kerala. (Presentation).

Decision: As invited, the proponent Sri. Balakrishna Poojary and RQP, Sri. Muhammed Kunhi were present. The RQP made the presentation. The depth of mine as per mining plan is 4m and life of mine is 1 year. Depth of water table is 9m bgl. The laterite column in the area is very thick. The Committee discussed the details and decided to seek the following additional documents.

1. Recently certified survey map indicating distance to nearest built structures including buildings, roads, electric line etc.
2. Lithological section of the site.
3. Reason for two separate applications in the plot with same survey number

20. SIA/KL/MIN/286387/2022 , 2077/EC4/2022/SEIAA

Environmental Clearance for Laterite building stone quarry of Sri. Kunhi mohammed, over an extent of 0.3884 Ha, Re-Survey No-1/41(1/1B2) in Poolakode Village, Kozhikode Taluk, Kozhikode District, Kerala. (Presentation)

Decision: As invited, proponent Sri. Kunhi Muhammed and RQP, Mr. Muhammed Kunhi as authorized were present. RQP made the presentation. **The Committee decided to entrust Dr. C C Harilal and Dr. A.N. Manoharan for field visit and report.**

21. SIA/KL/MIN/44736/2019 , 1486/EC3/2019/SEIAA

Environment Clearance for Granite Building Stone Quarry of M/s. Ronco Granite Private Limited over an extent of 3.8316 Ha at Sy. Nos.526/4B3, 527/2A2,

527/2A3, 527/5-1-2, 527/5-2-3, 527/5- 3-2, 527/5-4-2, 527/5-5-2, 527/5-6-2, 529/1B-2 of Thirumarady Village, Muvattupuzha Taluk, Ernakulam District, Kerala State. (FIR Received)

Decision: The Committee observed that the FIR was discussed in 117th meeting of the SEAC and ADS were sought. In 127th SEAC meeting, the Committee examined the proposal and noted that a complaint was received from Eliyarmala Samrakshana Samithi, forwarded by KSDMA through email to the Authority. Based on this, the Committee sought clarification on the Complaint from the Project Proponent. The proponent submitted the clarification. In 132nd meeting, SEAC entrusted a Subcommittee to conduct one more field inspection and report. The observations of the Subcommittee with regard to the complaints based on the field inspection are as follows;

- SDMA in its covering mail reported that this area falls in the landslide susceptible zone of the map published by KSDMA. The above-mentioned site is located in a steep terrain (unstable slope) and is fragile. Many landslide incidences have been reported in this area. It is mentioned that quarrying may pose severe threat to the water sources (natural drainages and the check dams, water tanks, and a tunnel constructed to store and distribute water to inhabitants in the surrounding panchayats), settlements, and the ecology. Also, this area falls in the eco- sensitive zone.

Observation of the Sub Committee: The site is not coming under any landslide hazard zone. The high and moderate hazard zones are 17 km and 9 km away from the site respectively. The subcommittee could not find any remanence of landslide or landslip in the region. The site is with thin soil cover and prevails dry condition.

- Complaint 1. From the crest of the steep area, there were 23 springs. For the inhabitants, this is their primary source of drinking water. At Kudukkappara, a check dam is used to store water. For the past eight years, a water tank built by Thirumarady Panchayat situated in the location has been utilized to supply water to residents of the nearby 3 Ward neighborhood.

Observation of the Sub Committee: There were a few small streams on the downward (south) and far away from the project site. They are not perennial and are active during the rainy season only. The very thin soil cover and dry nature of the terrain indicates poor water holding capacity of the region. Other observations related to this complaint are given below;

1. Checkdam in Kudakkappara stream, which is more than 360m from the site. The check dam is situated in a primary stream and is entirely in a different micro watershed. The site is not coming inside the watershed of Kudakkappara stream.
 2. Small tributaries supplying water to the Kudakkapara check dam are not found perennial and there was no water during the time of the field visit. The downward side of the check dam is devoid of any water and there is no stream found flowing downwards into the Mannathur thodu (far south) crossing the canal. These downward regions are now pineapple fields.
 3. Other small streams flowing from the downward side towards south parallel to Kudakkapara and connected to Mannathoor thodu through aqueducts like this (above the MVIP canal) and all are dry now.
- Compliant 2. Mining in the proposed region could cause damage to the Aaroor tunnel, Mannthoor Aquaduct, and Muvattupuzha Valley Irrigation Project Left Wing Main Canal. As a result, water scarcity can be developed in MVIP for drinking water and summer crops in the three municipalities, as well as summer crops in 20 Panchayats in the Ernakulam and Kottayam districts

Observation of the Sub Committee: The sites (tunnel, aquaduct, canal) mentioned in the complaint are away from the project site. There won't be any impact of vibration on these structures. There are so many quarry sites near to these structures than the proposed site, till now not found any reports on the impact on quarrying on these structures.

1. Aroor tunnel (shown in blue colour) – starting from a distance of 1.18km from the project site. The tunnel is in between two working quarries, which are far from the proposed site. There were no reports noticed for the Aroor tunnel due to working of these nearby quarry sites. Hence the proposed site may not have any impact on the tunnel.
- Complaint 3. The springs in the three thodu arising from the hill range including the Proposed site, namely Naranath Thodu, Kudukkappara Thodu, and Olippadu Thodu, which were tributaries of the Valiyapadam-Aaroor-Palakuzha branch of the Uzhvoor thodu, will drain out, potentially causing a water scarcity problem. Chemicals used in the quarry can reach Uzhavoor thodu via the tributaries described above, which again flow into Muvattupuzha River and Vambanad Lake. During summer season, it can reach upto Vembanad Lake through Meenachil River via Moovattupuzha Valley

Canal. These substances have the potential to harm the environment.

Observations of the Sub Committee: The mentioned streams are not perennial and they are marked in the toposheet. It is not showing any clear connection with the mainstream (Mannathoor thodu) now. The details are given below;

1. Streams near to the study area : Mannathoor thodu flowing south to the Mannathoor Canal (MVIP) and road, which is parallel to the canal. Two streams are found in the toposheet – Kudukkappara and Olippara which is flowing from NNW and NNE and joins at north side of the MVIP canal, however no crossing of canal is found. These streams are not perennial. These areas are very dry and may be active during high monsoon, the runoff water may flow through these streams and joins the canal. There is no direct connection found between these streams and main stream “Mannathoor thodu”. There is no chance of sediments from the quarry reaching and polluting the stream as the Proponent will have to operate quarry with garland drain, silt traps and siltation ponds and hence drainage from the mining site will have to be filtered in different steps before entering into natural drain.
- Complaint 4. Because of the high slope of the hill range, the proposed area experienced several landslides and hill slides during the monsoon.

Observations the Sub Committee: See the observations on the complaint from SDMA.

- Complaint 5: There is an Anganwadi and 10's of years vintage Church on the location

Observations of the Sub Committee: Anganwadi is situated at 418m from the site.

- Complaint 6. There were about 200 scheduled cast families living in the 3 Harijan Settlement colonies in and around the project area. They were mainly depending upon agriculture.

Observations of the Sub Committee: There are only a few houses at downward side (south) of the site which are situated more than 120m away. The proposed quarry site may not affect the agriculture of the region as the region is supported by MVIP canal throughout the year. Also found that the streams originated from the nearby regions are not perennial.

- Complaint 7. The soil in the area usually do not have much stability and is non-sticky in nature. The proposed quarry area also comes on this category. Several landslides and Soil erosion had been occurred at the area even in mild monsoon times. The hilly area having steep slope from top to bottom. The area is eco-sensitive in nature in

which even the small impact also leads to severe Landslides and Soil erosion.

Landslides and Soil erosion have occurred constantly.

Observations of the Sub Committee: The observations on the above complaint are already stated. Soil thickness is very low, many portions are exposed with rocks. Dry soils are found even in this monsoon period, indicates less water holding capacity of the site. The Sub Committee has not observed any scar of landslides in the area. The site is moderately steep at lower portion and almost flat at the top.

- Complaint 8: The location comes under hazard zonation map of SDMA.

Observations of the Sub Committee: The proposed site is not falling in the landslide hazard zone of the KSDMA.

In the circumstances, the Committee observed that there is no need to revise the decision on the proposal taken in the 129th meeting of the SEAC. The Committee decided to recommend EC with Project Life of 9 years subject to the following specific conditions in addition to the general conditions:

1. The mining should not be done beyond the depth of 120m above MSL and hence life of mine is 10 years proposed in the Mine Plan get reduced to 9 years.
2. The portion off the boundary pillar no. 3 is very steep and therefore an increased buffer zone of 15 m should be provided between BP3 and BP4.
3. The built structure (located at a distance of 45m from the site marked as site office in the survey map) in the adjacent plot which was reported to be owned by the proponent should be removed before mining. An affidavit to this effect should be provided by the proponent.
4. The road to the project area should be widened to permit two-way traffic and photograph of the widened road should be submitted prior to the commencement of mining.
5. The garland canal, silt traps, siltation pond and outflow channel connecting natural drain should be provided prior to the commencement of mining to ensure adequate drainage of the area.
6. The garland drain, silt traps, siltation pond, and outflow channel should be desilted and cleaned periodically and geotagged photographs should be incorporated in the half yearly compliance report.
7. Green belt development in the buffer should be done in the first year of the project itself and it should be nurtured and maintained in subsequent years

8. Measures incorporated in the CER should be implemented in total during the first two years and they should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.
9. Transportation of mined material should not be done during the peak hours in the forenoon (8.30am to 10.30am) and afternoon (3.30pm to 5 pm).
10. The OB dumping site should be provided with protection wall.

Considering the apprehensions raised, the Committee decided to recommend the following specific conditions.

1. **The width of the buffer zone should be enhanced from 7.5 m to 15m along the boundary from BP2-BP3-BP4-BP-5-BP6-BP7-BP8- BP8 considering the steepness of the adjacent terrain.**
2. **A temporary wall of height 3m may be erected all around the mine boundary providing main entry and intermittent emergency exit ways.**
3. **The compliance of EC conditions should be reviewed after 5 years.**

22. SIA/KL/MIN/69596/2021 , 1872/EC1/2021/SEIAA

Environment Clearance (EC) for the Granite Building Stone Quarry of N. Ramachandran in Anavoor Village, Neyyattinkara Taluk, Thiruvananthapuram District, Kerala (FIR Received).

Decision: The Committee discussed the field inspection report in detail and observed that the EIA report has not addressed the following ToR components adequately.

1. ToR 7: Environmental policy and other connected commitments.
2. ToR 32 : Traffic study was not conducted properly reflecting the vehicle load varying in week days and weekends. The interpretation done on the impact of adding more vehicles when the new quarry starts working in addition to adjacent quarries is not convincing adequate. Also, the new quarry is expected to supplement raw material to the nearby crushers and consequently the production of the crusher units will also increase and require more vehicular movement. All these factors should have been considered in the traffic study. The increase in traffic will have implications on air quality as well as necessitate alternate connecting roads. These aspects should be addressed in detail.

3. ToR 38: Detailed Compensatory afforestation plan is not given. It should consider the inputs from the biodiversity assessment aspects and include the geo- coordinates and photographs of the proposed site, a list of plant species (trees, shrubs, climbers, etc.), time frame, planting details, nurturing and maintenance plan etc. till the mine closure plan is implemented in total. The budgetary provision should be appropriately provided in the EMP.

In the above circumstances the committee decided to direct the Proponent to revise the EIA report and EMP and submit the following additional details/documents:

1. Provide a development plan for the access road and proposal for linking alternate roads for transportation, based on the data generated from a proper traffic survey conducted, covering both working days and week end holidays, as the area has 3 working quarries and crushers within 500m.
2. Revise the compensatory afforestation plan considering local species trees, in the available land around the quarry site, preferably in the available land at lower portion and in continuum to buffer zone, and submit an affidavit, supported with a map showing location, geo-coordinates of boundaries of lands where compensatory afforestation is proposed. Also provide geo-tagged photographs of the proposed site.
3. Re-examine the feasibility of the proposal to use the existing mine void proposed to be utilized as OB dump site and top soil storage facility. Also examine the feasibility of an alternate location as OB dump site in the open land available at lower elevation. Compare the two options and suggest the best option with justification considering the factors such as safety, storage potential, ease of handling and transportation, convenience of usage of soil at the time of closure of the mine. It should also contain a plan for providing gabion walls / side protection for the proposed OB dump. Also provide geo-tagged photographs of the proposed sites.
4. Re-examine the storm water management plan proposed for the site and examine possibility of using suitable delay ponds prior to entry of storm water in to public place, considering the slope and proximity to the nearby public road side drain.
5. Provide realistic data on water level in the nearby wells as it is varying 35-40m- bgl as per form 2 and 5-10 m bgl in page 94 of EIA ES report.
6. Provide realistic water requirement and water management plan with details of rain water harvesting, source of water, potential and safe yield estimation of use, water yield study of bore well and open well proposed. Also provide clarification on the contradiction in

water related data given in application form and in the EIA report.

7. Provide proof of firmly fixing the boundary pillars marked with geo-coordinates and fencing.
8. Revise the Project Cost as per norms and correspondingly revise the cost earmarked for EMP and CER proposals.
9. EMP should address the site specific and impact zone specific mitigation and management plans for the entire life of mine and provide adequate budget provision.
10. CER proposal should be revised incorporating monitorable and appropriate physical targets in consultation with stakeholders as per norms.

23. SIA/KL/MIN/70164/2019 , 1393/EC2/2019/SEIAA

Environmental Clearance for quarry project by M/s Sreedhanya Metals at Survey No. 269/1, 269/1-1, 269/3, 269/4, 269/5, 269/5-1, 269/6, 269/8, 269/8-1, 269/17-1, 269/17-2, 270/6, 270/7-1, 270/8-1, 270/8-2, 270/9, 270/10, 270/11-1, 270/11-2, 272/11, 272/12, 272/13, 272/21, 272/14-1, 273/1-2 of Pallichal Village, Neyyattinkara Taluk, Thiruvananthapuram District, Kerala (FIR Received)

Decision: The Committee discussed the field inspection report in detail and observed the following:

- Proposed site is located at one end of the Mukkunnimala, a prominent landform
- Land is under healthy natural vegetation
- Soil is relatively shallow and massive open rock and boulders are found in and around the site.
- ToR 32 and 38 are not adequately addressed in the EIA report.

The Committee noted that under TOR 32, the traffic study was not conducted properly reflecting the vehicle load varying in week days and weekends. The interpretation done on the impact of adding more vehicles when the new quarry starts working in addition to adjacent quarries is not convincing adequate. Also, the new quarry is expected to supplement raw material to the nearby crushers and consequently the production of the crusher units will also increase and require more vehicular movement. All these factors should have been considered in the traffic study. The increase in traffic will have implications on air quality as well as necessitate alternate connecting roads. These aspects should also have been addressed in detail.

The Committee also noted that under TOR 38, Detailed Compensatory afforestation plan is not given. It should consider the inputs from the biodiversity assessment aspects and

include the geo- coordinates and photographs of the proposed site, a list of plant species (trees, shrubs, climbers, etc.), time frame, planting details, nurturing and maintenance plan etc. till the mine closure plan is implemented in total. The budgetary provision should be appropriately provided in the EMP.

In the above circumstances committee decided to direct the Proponent to revise the EIA Report and submit the following additional details/documents:

1. Method suggested for removal of existing open boulders, inside and at buffer zone area.
2. Re-examine the measures suggested for mitigating the issue of rock fall and revise the measures/procedures considering site-specific scenario.
3. Revise the compensatory afforestation plan considering local species trees, in the available land around the quarry site, preferably in the available land at lower portion and in continuum to buffer zone, and submit an affidavit, supported with a map showing location, geo-coordinates of boundaries of lands where compensatory afforestation is proposed. Also provide geo-tagged photographs of the proposed site.
4. Provide a development plan for the proposed approach road with allowable gradient, as the land is having very steep gradient.
5. Conduct a revised Traffic Survey covering at least one week period overlapping of week days and week end holidays in order to estimate the realistic vehicle load through the main road and minor road, prior and after operation of the project. The traffic management plan should be revised based on field level data.
6. Re-examine the feasibility of the proposal to use existing mine void propose to utilize for OB dump site and top soil storage facility. If it is found unsuitable, provide a revised plan with map showing OB Dump site with geo-coordinates for boundaries in the open land available at lower elevation, for ensuring safe storage and easy removal and usage of soil at the time of closure of the mine. It should contain a plan for providing Gabion Walls / side protection for the proposed OB dump.
7. Re-examine the storm water management plan proposed for the site and examine possibility of using suitable delay ponds prior to entry of storm water in to public place, considering the slope and proximity to the nearby public road side drain.
8. The project cost should be revised and correspondingly the cost earmarked for EMP and CER.
9. EMP should address the site specific and impact zone specific mitigation and

management plans for the entire life of mine and provide adequate budget provision.

10. CER proposal should be revised incorporating monitorable and appropriate physical targets in consultation with stakeholders as per norms.
11. Provide legible survey map certified by the Village Officer showing actual distance from the proposed site to defense installations in the Mukkunnimala area
12. Submit NOC from the defense installation or provide authentic clarification that such permission from the defense authorities is not required considering the distance criteria.

24. SIA/KL/NCP/71500/2017 , 1143/EC/SEIAA/KL/2017

Proposed Outer Ring Road (ORR) under CRDP-II, Thiruvananthapuram, Kerala (Southern Ring: Mangalapuram- Thekkada- Vizhinjam) (Presentation)

Decision: As per the invitation, Sri. Radhakrishnan, Land Acquisition officer of CRDP and Reji Kuriakose, Consultant & Functional area expert of M/s L & T Ltd and other functionaries of the proposed project were present. The consultant made the presentation on the revised EIA report and EMP statement including the shortcomings observed in the 133rd meeting of SEAC. Based on discussions, **the Committee decided to direct the proponent to submit the following details/documents:**

1. Land use map of the study area to a scale of 1: 25,000 based on recent satellite imagery delineating the crop lands (both single and double crop), agricultural plantations, fallow lands, waste lands, water bodies, built-up areas, forest area and other surface features such as railway tracks, ports, airports, roads, and major industries etc.
2. Detailed ground surveyed map on 1:2000 scale showing the existing features falling within the right of way namely trees, structures including archaeological & religious, monuments etc.
3. Protocols/procedures for addressing the slope stability, landslips, rock fall etc.
4. Details of the trees to be cut including their species and whether it also involves any protected or endangered species are not given and the details of compensatory plantation is not provided.
5. Measures proposed to be taken to reduce the number of the trees to be removed.
6. Details of green belt development and the cost earmarked for the same.
7. Details, if any, of the wayside amenities, which should include petrol station/service

centres, rest areas including public conveyance, etc. or details of space earmarked for the same, if any

8. Details of construction material requirement and its sourcing and transporting details
9. Details of the possibilities of utilizing the debris/ waste materials that will be accumulated during the project phase
10. Details of monitoring air quality and noise level data during the construction and operations phases of the project.
11. Detailed list of project activities envisaged during construction and operation phases of the project separately
12. Proposed measures to address and monitor the generation of fugitive dust from crusher units and air emissions from hot mix plants
13. Details of land filling proposed in the low lying areas and management plan proposed for avoiding drainage congestions.
14. Specific management plan for addressing the impact on water bodies and low lying areas along the proposed project.
15. Details of water quantity required and source of water including water requirement during the construction stage with supporting data.
16. Safeguard criteria proposed to be adopted at the cross-road to avoid accidents
17. Details regarding the R&R plan proposed.
18. Management plan for storm water drainage considering the natural drain of the proposed area to avoid seasonal and perennial flood and water logging.
19. Clarification regarding the applicability of Kerala Conservation of Paddy Land and Wetland (Amendment) Act, 2018.
20. Management measures proposed to be adopted for preventing/mitigating the impact on rock-cut caves, temples, churches, mosques and other locally important structures.
21. Cost-benefit analysis of the Project.

25. SIA/KL/MIN/59482/2020, 1871/EC1/2021/SEIAA

Building Stone Mine” Quarry Project of M/s Metarock Pvt. Ltd situated at Block No. 41, Sy. Nos. 340/8, 340/19, 340/22, 341/2-1, 341/2-2, 341/2-3, 341/3, 341/8, 341/8-1, 356/2, 356/4, 356/5, 356/5-1, 356/5-2pt, 356/5-3, 356/5-5, 356/6pt, 356/10, 356/10-1pt, 356/10-1-1pt, 357/7-1pt, 357/26pt, 341/1pt, 356/3pt, Aruvikkara Village, Nedumangad Taluk, Thiruvananthapuram District, Kerala for an area of 3.7980 ha. (Evaluation Report Received).

Decision: The Committee observed that the proposal involves an area of 3.7980 Ha out of which 0.1859 Ha is government land. The cluster certificated indicated that there are 4 quarries within the radius of 500m of the proposed site with area 5.5433 Ha, 1.0150Ha, 9.2152 Ha and 0.4048 Ha respectively having a total area of 16.1783 Ha in addition to the present proposal. The Committee in its 132nd meeting decided to evaluate the EIA report and associated documents including the proceedings of the Public Consultation held and entrusted the task to one its members. The Committee received the evaluation report and discussed it in detail. The Committee noted that during the Public Consultation, only a few of the stakeholders supported the project and majority of them were against the project. The Committee noted that following non-compliance to the ToR in the EIA report.

TOR 7: Environment policy related aspects of the Proponent company is not dealt with.

TOR 22: Not complied adequately as specified in the ToR. Further, the analysis reports submitted are not legible.

TOR 23: Not complied as specified in the ToR. Consideration of important aspects such as movement of vehicles for transportation of mineral, providing details of the model used and input parameters used for modelling, providing air quality contours in a map clearly indicating the location of the site, location of sensitive receptors, and habitations etc is absent.

ToR 24: As envisaged, the water requirement for the Project, its availability and source should be provided along with a detailed water balance and fresh water requirement

TOR 27: Cumulative impact of the project on the water quality, both surface and groundwater and necessary safeguard measures are not provided with details. It may be noted that in the public consultation, one of the main apprehensions / complaints was about the lowering of ground water table in the wells due to the working of quarries in the area.

TOR 28: As envisaged, the report should provide provide actual monitored data and it may clearly be shown whether the working of quarry will intersect local ground water. The details of the aquifers present and impact of mining activities on these aquifers, the water levels in the nearby wells during the pre-monsoon and post monsoon season should be provided in detail. The EIA report considered the rain fall details of the area for the period 2008-2011 and it is important to consider recent data, particularly in the light of 2018 and 2019 floods.

TOR 32: Not complied adequately as only one day traffic survey and study based on that was done and that too in only the Vembanoor- CheriyaKonni Road. This is not found adequate as

the increased traffic due to the project will have differential impacts during working days and holidays and implications on different linked roads connecting crusher units, construction sites etc. It is also to be considered that the traffic impact will have implications on air quality and noise level.

TOR 39: As envisaged in the ToR, the Commits will have to be clearly detailed and commitments of the Proponent highlighted.

ToR 44 (c): The ToR is not complied adequately and therefore to be re-examined the commitments. The copies of the analysis reports are not legible and the details provided in the EIA report are abstract in nature.

The Committee also noted that there are 12 houses within 100 m radius and out of that 4 houses are belonging to the applicant. Main concern raised by nearby residents during the public hearing held on 6.6.2022 was the proximity of their house to the project site which are located within 50 m from the project area. This need to be clarified. Based on discussions, the **Committee decided to direct the Proponent to revise the EIA report and EMP considering the above observations and submit the revised documents. The Proponent is also directed to clarify the proximity of houses to the proposed site.**

26. SIA/KL/MIN/221515/2021 , 1922/EC1/2021/SEIAA

**Granite building Stone Quarry of M/s Chand V Granites in Re Sy. Block No.26
Re. Sy. No. 305/1,2,3,4,5,6,305/6-2,305/6-3,306/2,309/3 in Vadakarapathy Village,
Chittur Taluk, Palakkad District, Kerala. (Evaluation Report Received)**

Decision: The Committee discussed the evaluation report of the proposal carried out based on google earth images, documents submitted by the Proponent and secondary information available on the proposed area. The Committee observed that the environmental impact of the proposed project seems to be minimal. The site is located 5km from the Kerala- Tamil Nadu state boundary. As per the proposal, there will be a mine void of 20m depth with a volume of 93000 m³ (93 Million litre) which can lead to a very promising water storage in the post-mining period which is an appreciable beneficial impact in the water-stressed region like Vadakarapathy. However, the storage will have to be safeguarded against accidents and contamination. **Based on discussions, the Committee decided to invite the proponent for Presentation.**

PART 2

CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE

1. SIA/KL/IND2/215978/2021 , 2020/EC2/2022/SEIAA

Offshore Oil and Gas Exploration, Development and Production in Oil and Gas Exploratory Block: KK-OSHP-2018/1 (ADS Received).

Decision: The Committee examined the proposal and verified the documents submitted by the proponent and found them satisfactory. However, the letter from KCZMA regarding applicability/non- applicability of CRZ has not been received from the Project Proponent. **The Committee decided to recommend issuance of EC subject to following specific conditions in addition to the General Conditions:**

1. All the marine related regulations should be complied with strictly.
2. Marine biodiversity status of the area should be recorded prior to the commencement of drilling and measures for safeguarding the marine biodiversity should be adopted.
3. The adverse impact on the livelihood of the fishing community, if any, should be monitored and mitigated appropriately.
4. Appropriate safeguards for preventing disturbance to benthic habitat should be adopted prior to the commencement of drilling.
5. Spots of operation should be away from the marine mammal migration and feeding and breeding grounds
6. Drilling activity should not be planned during the spawning periods of corals and ecologically and economically important species.
7. The water quality of the project site may get affected due to accidental spillage of chemicals/oil/lubricants from the routine operational activities. Therefore, usage of only low toxicity chemicals should be ensured onboard of the rig and transportation vessels.
8. Drilling, wash water and oily water should be treated to conform to limits notified as per MARPOL Regulations, before disposal into sea. The treated effluent should be monitored regularly.
9. The oil spill emergency response system should be strengthened with shorter response time especially during the spawning season.
10. The layout of the subsea infrastructure should be designed to avoid sea bed features.
11. Noise is likely to be generated during the operation phase due to the operation of rigs, generators, etc and rubber padding/noise isolators should be provided for

equipment/machineries

12. CER as per norms should be extended for benefitting the fishing community and details should be submitted with HYCR.

2. SIA/KL/MIN/127122/2019 , 1562/EC1/2019/SEIAA

Granite Quarry of Mr. Mathew Daniel for an extent of 2.2392 Ha in Sy. No: 340/1/99-1, 340/1/99-2, 340/1/102/2-1, 340/1/100/3, 340/1/100-4, 340/1/100-1, 340/1/100-2, 340/1/102-2, 340/1/103-1 at Enadimangalam Village, Adoor Taluk, Pathanamthitta District, Kerala. (ADS Received).

Decision: The Committee examined the proposal, verified the documents and discussed the field inspection report. The mineable reserve is 8,61,755 MT and the life of mine is 12 years. The nearest built structure is reported at 108m and the depth to water table is 32m bgl. The Project Cost is revised to Rupees 211.74 lakh and the EMP cost including CER commitment to Rupees 39.29 lakh. There is landslide hazard zone near to the site. Considering this, **the Committee decided to recommend EC for a mine life of 12 years with the following specific conditions, in addition to general conditions.**

1. OB dump at north west side shall be protected with Gabbion wall. Photographs of the gabion wall also should be submitted along with half-yearly compliance report (HYCR).
2. Development of green belt should be initiated prior to the commencement of mining operation.
3. Apart from the rubber plants, more indigenous plants shall be planted in the buffer zone. As per the report submitted 0.5378 Ha green belt should be provided.
4. Compensatory afforestation should be initiated prior to the commencement of mining and the coordinates and geo-tagged photographs of the site should be incorporated in the HYCR.
5. Monitoring of drainage water should be carried out at different seasons by an NABL accredited lab and clear water should only be discharged into the natural stream. Geo-tagged photographs of the drainage and sampling site should be submitted along with HYCR.
6. The impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and the details should be included in the HYCR.

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. Additional two settling tanks should be constructed.
8. Garland drain, silt-traps, siltation ponds and outflow channel should be desilted periodically and geo-tagged photographs of the process should be included in the HYCR.
9. CER Plan should be implemented within the first 2 Years and it should be operated and maintained till the mine closure plan is implemented. Proof of CER implementation should be included in the HYCR
10. Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).
11. The haulage road should be developed prior to the commencement of mining and it should be maintained well and dust-free with sprinkling arrangement.
12. Adequate sanitation, waste management and rest room facilities should be provided to the workers.
13. Adequate energy conservation measures proposed should be implemented including solar power installations for street light and office
14. The Environment Management Cell (EMC) should include an Environment expert and the proceedings of the monthly meeting of the Environment Management Cell (EMC) should be submitted along with the HYCR

**3. SIA/KL/MIN/131090/2019 , 1571/EC2/2019/SEIAA
Environmental Clearance for the Proposed Granite Building Stone Quarry of
Mr. Sudheesh A T at Re Survey No: 151/1, 151/7 of Kaniyambatta Village,
Vythiri Taluk, Wayanad District, Kerala for an area of 1.5875 Ha (ADS
Received).**

Decision: The Committee examined the proposal, verified the documents and discussed the Field Inspection Report. The proposed life of mine is 5 years for extracting 409166 MT of granite building stone with an extraction rate of 81833.2 TPA. The Committee discussed the proposal and **decided to recommend EC for a period of 5 years subject to the following Specific Conditions in addition to the General Condition:**

1. Clearance should be obtained from NBWL prior to the issuance of EC considering the proximity of Wayanad Wildlife Sanctuary.

2. The approach road should be widened to a width of at least 7 m and developed prior to the commencement of mining and it should be maintained well and dust-free by providing sprinkler arrangements.
3. Development of green belt using species recommended in the biodiversity assessment report should be initiated prior to the commencement of mining.
4. Compensatory afforestation prior to commencement of mining by planting of local species of trees as described in the biodiversity assessment report in the available land owned by the proponent, preferably at the lower elevated portion for compensating the lack of feasibility to develop green belt along 100 m length of the buffer zone.
5. Geocoordinates of the land where compensatory afforestation is proposed should be submitted along with geo-tagged photographs of the site.
6. Change the boundary pillars with concrete pillars with a minimum size of 10 cm x 10 cm, marked with geo coordinates and submit geotagged photographs as proof.
7. Overburden dump site should be done prior to the commencement of mining at the land available at lower elevation and the site should be protected with gabion walls.
8. 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. Two additional settling tanks should be constructed to ensure discharge of clear water.
9. Garland drain, silt-traps, siltation ponds and outflow channel should be desilted periodically and geo-tagged photographs of the process should be included in the half yearly compliance report (HYCR).
10. CER Plan should be implemented within the first 2 years and it should be operated and maintained till the mine closure plan is implemented.
11. 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).
12. Adequate sanitation, waste management and rest room facilities should be provided to the workers.
13. Adequate energy conservation measures proposed should be implemented including solar power installations for street light and office
14. The Environment Management Cell (EMC) should include an Environment expert the proceedings of the monthly meeting of the Environment Management Cell (EMC) should be submitted along with the HYCR

15. The drain water quality should be monitored regularly by an NABL accredited lab to ensure the discharge of only clear water to the natural stream.

4. SIA/KL/MIN/131683/2019 , 1813/EC3/2020/SEIAA

Environmental Clearance for Granite Building Stone Quarry of Mr. N.A Thomas for an extent of 0.9668Ha, Survey no 372/1A/3/8,372/1A/4/9 & 372/1A/4/9 in Kottappady Village, Kothamangalam Taluk, Ernakulam - District, Kerala (Refer back from 118th SEIAA).

Decision: The Authority perused the item in the 118th meeting and noted that SEAC in its 131st meeting decided to reject the application since it is incomplete and many of the information are not furnished. The Committee also noted that the Project Proponent has not submitted the proof regarding the submission of application to NBWL for Wildlife Clearance. The Project Proponent requested to reconsider his application vide letter dated 13.09.2022. The Authority observed that the Project Proponent has applied for EC in 16.12.2019 and rejecting after almost three years is not fair. Hence the Authority decided to refer back the proposal to SEAC for appraisal. As per the direction of SEIAA, **the committee decided to reconsider the proposal and direct the Proponent to submit proof regarding the submission of application to NBWL for Wildlife Clearance and other necessary documents.**

5. SIA/KL/MIN/134824/2020 , 1729/EC2/2020/SEIAA

Environmental Clearance for the Proposed Granite Building Stone Quarry of Mr.Safarulla .k at Re-Sy. No- 320/1,321/2 of Vorkady Village, Manjeshwaram Taluk, Kasaragod District of Kerala for an extent of 0.1920 Ha. (ADS Received).

Decision: The Committee examined the proposal, verified the documents and discussed the Field Inspection Report. The proposed life of mine is 2 years for extracting 17545 MT of granite building stone with an extraction rate of 8772 TPA. The depth to water table is 35m above MSL. The Committee discussed the proposal and **decided to recommend EC for a period of 2 years subject to the following Specific Conditions in addition to the General Condition:**

1. Approach road should be developed prior to the commencement of mining and it should be maintained well and dust-free by providing sprinkling arrangements.

2. Development of green belt should be initiated with indigenous species prior to the commencement of mining.
3. 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.
4. Garland canal, 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).
5. Retaining wall of appropriate height should be provided at the overburden dumping site.
6. CER Plan should be implemented in the first year and it should be operated and maintained till the mine closure plan is implemented.
7. 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).
8. Adequate sanitation, waste management and rest room facilities should be provided to the workers.
9. Adequate energy conservation measures proposed should be implemented including solar power installations for street light and office.

**6. SIA/KL/MIN/138725/2020 , 1653/EC4/2020/SEIAA
Environmental Clearance for the Proposed Granite Building Stone Quarry of
Mr. Ashraf P, at Re. Survey No: 172 of Kodyathur Village, Kozhikode Taluk,
Kozhikode District, and Kerala for an area of 2.32035 Ha. (ADS Received).**

Decision: The Committee examined the proposal and verified the documents submitted by the proponent. The cluster certificate dated 23.9.2020 submitted by the Proponent indicated that there two quarries with area 5.868 Ha (Lease order dated 11.11.2010) and 2.0138 Ha (Lease order dated 15.2.2019) respectively in addition to the proposed project area. The cluster certificated dated 18.5.2022 indicates that that is no working quarry adjacent to the proposed area. As per S.O. 2269(E) 01.07.1016 of MoEF &CC, “the leases not operative for three years or more and leases which have got environmental clearance as on 15th January, 2016 shall not be counted for calculating the area of cluster, but shall be included in the Environment Management Plan and the Regional Environmental Management Plan.” And “a cluster shall be formed when the distance between the peripheries of one lease is less than 500 meters from the periphery of other lease in a homogeneous mineral area which shall be applicable to the

mine leases or quarry licenses granted on and after 9th September, 2013.” There is another quarry named Palakkal Granites within 500m having mining area of 2.2766 Ha under the consideration of the SEAC. The Proponent in the light of the cluster certificate dated 18.5.2022 submits that there is not cluster situation of more than 5 Ha within 500m. **In the circumstance, the Committee decided seek the direction of the SEIAA for deciding whether there is a cluster condition and if so, to direct the Proponent accordingly.**

7. SIA/KL/MIN/140439/2020 , 1821/EC3/2020/SEIAA

Environmental Clearance for Laterite Building Stone Mining project area of Sajimon Joseph for an area of 0.0898 Ha.of land in, Survey nos. 353/7 Manjoor Village, Vaikom Taluk, Kottayam District, Kerala (ADS Received).

Decision: The Committee examined the proposal and verified the documents submitted by the proponent. Regarding the clarification regarding a house / shed seen adjacent to boundary pillar, BP1, the proponent stated that the shed is in a ruined condition and is owned by the proponent himself. The Proponent agrees to demolish the house at present and intends to renovate the same after the excavation of the laterite and refilling the pit and leveling the area. Regarding, the requirement of Recent Certified Survey Map showing the distance from the project boundary to houses/buildings/shed and other built structures, if any, the Proponent submitted a location sketch without showing distance to the built structures. Though the ADS submitted are not satisfactory, the **Committee decided to invite the proponent for presentation during which further clarifications can be sought.**

8. SIA/KL/MIN/140563/2020 , 1818/EC3/2020/SEIAA

Environmental Clearance for the Granite Building Stone Quarry of Reji M Kuriakose in Re Block No. 27 Sy. No. 419/2, 419/3, 419/6-4, 419/6, 419/6-2, 419/6-3, 420/1-2, 420/1-3-2, 420/3, 420/4, 421/3 Pattimattom Village, Kunnathunadu Taluk, Ernakulam over an area of 2.7340 Ha at Kummanodu, Kunnathunadu, Ernakulam. (ADS Received)

Decision: The committee verified the documents submitted by the proponent as sought in 131st meeting of the SEAC and found that the following details/documents are not submitted.

1. Certified Compliance Report from IRO, Bangalore.
2. The proposed plan is to extract mineral from part of the old quarry adjacent to the road that is left without adequate protection (only fencing is provided). There for

rectification proposal for that portion the abandoned mine & also appropriate safeguard for the portion with suggestion is to be provided.

3. KML file with boundary pillars.

Though a survey map is submitted, it is not legible. **The Committee discussed the details and decided to direct the Proponent to submit the following documents within two weeks.**

1. Clarification as to whether the mining of the presently abandoned quarry is done with valid environmental clearance or not. If not the copy of the permit or lease order from the Mining & Geology Department.
2. Date of commencement of mining and period upto which mined.
3. The KML file submitted is to be corrected with boundary pillars.
4. Area earmarked for compensatory afforestation is inadequate and is to be enhanced.
5. Certified legible survey map indicating distance to built structures including houses, other buildings, roads, canals electric line etc. upto a distance of 200m from the proposed boundary of the quarry.

9. SIA/KL/MIN/142846/2020 , 1713/EC3/2020/SEIAA

Granite Building Stone Quarry of M/s. T. J. Granites Pvt. Ltd” over an extent of 2.0005 Ha in Re-Sy. Nos.326/1-2, 326/1-3, 326/1-4, 326/1-5 & 326/1- 7 in Bharananganam Village, Meenachil Taluk, Kottayam District, Kerala State, India, by Shri.Jaison Jacob (ADS + Complaint Received from Sreejith C.).

Decision: The Committee verified the slope stabilization study and examined the documents and discussed the Field Inspection Report. The proposed life of mine is 9 years for extracting 815203.8MT (483320 ton for 5 years as per mine plan) of granite building stone with an extraction rate of 96664 TPA. The depth to water table is 165m above MSL. The Proponent has submitted study report on the landslide susceptibility investigations of the proposed quarry site conducted by the Centre for Environmental Audit & Consultancy School of Environmental Sciences Mahatma Gandhi University, Kottayam which recommended that the proposed site is less vulnerable to landslides, and there is no possibility of landslides occurrence due to quarrying. About 60% of the proposed site falls in the medium hazard zone. Therefore, as per the Kerala State Disaster Management Plan 2016, quarrying shall be permitted only after getting the approval of the district level crisis management committee for mining constituted vide G.O (Rt) No. 542/14/ID dated 26-05- 2014. The Committee noted

that there is a complaint received from Sri. Sreejith C and it is decided to examine the complaint in detail. **Therefore, the Committee decided to seek the response of the Proponent on the issues stated in the complaint prior to further decision on the proposal.**

10. SIA/KL/MIN/143918/2020 , 1367/EC2/2019/SEIAA

Environmental Clearance for Granite Building Stone quarry of Mr.Kumaran. N.M at Re SyNos -316/4, 320/6 in Thiruvallur Village, Vatakara Taluk, Kozhikode District, and Kerala for total mine Permit area of 0.5463 Ha (ADS Received).

Decision: The Committee examined the proposal and the slope stabilization study, verified the documents and discussed the Field Inspection Report. The proposed life of mine is 5 years for extracting 106195 MT of granite building stone with an extraction rate of 21239 TPA. The depth to water table is 40m above MSL. The Committee discussed the proposal and **decided to recommend EC for a period of 5 years subject to the following Specific Conditions in addition to the General Condition:**

1. Development of green belt should be initiated prior to the commencement of mining operation.
2. The impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.
3. 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. Additional two settling tanks should be constructed.
4. Garland drain, silt-traps, siltation ponds and outflow channel should be desilted periodically and geo-tagged photographs of the process should be included in the compliance report.
5. Retaining wall of appropriate height should be provided at the overburden dumping
6. CER Plan should be implemented within the first 2 Years and it should be operated and maintained till the mine closure plan is implemented.
7. 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).
8. The haulage road should be developed prior to the commencement of mining and it should be maintained well with frequent sprinkling.

9. Adequate sanitation, waste management and rest room facilities should be provided to the workers.
10. Adequate energy conservation measures proposed should be implemented including solar power installations for street light and office
11. The Environment Management Cell (EMC) should include an Environment expert the proceedings of the monthly meeting of the Environment Management Cell (EMC) should be submitted along with the HYCR
12. The drain water quality should be monitored regularly by an NABL accredited lab and clear water should be flowed into the natural stream.
13. An abandoned quarry with about 15 to 25m vertical wall is located within the project area. The boundary of the abandoned quarry has to be safeguarded by providing fencing around it and the proponent has to implement proper mine closure plan within one year and proof of mine closure should be included in the HYCR.

11. SIA/KL/MIN/146424/2020 , 1275/EC1/SEIAA/2019

Environmental Clearance for the Proposed Granite Building Stone quarry of Sri.O.A Sebastian at Re.Survey.Block No.3, Re sy 188/608, 188/431, 188/431188/628, 188/616,188,621,188/622,188/620 in Kodyathur Village, Kozhikode Taluk, Kozhikode District, Kerala for total mine lease area of 1.4466 Ha (ADS Received).

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

12. SIA/KL/MIN/147588/2020 , 1643/EC1/2020/SEIAA

Environmental Clearance for Building Stone Quarry M/s Kannanthanam & Company over an extent of 0.4200 Ha. Re Survey no.372/3, of Pallichal Village, Neyyattinkara Taluk, Thiruvananthapuram District, Kerala (Legal Opinion & Report of DC, TVM Received).

Decision: The Committee discussed the legal opinion received and Report from the District Collector, Trivandrum. Regarding the affidavit on the legal status sought from the proponent, it is intimated that the District Authorities have issued NOC on 25.02.2019.

Regarding the NOC from defense for mining operation, a legal opinion has been received from the standing council on 07.08.2022. As per the legal opinion, “the field is governed by the Works of Defense Act, 1903[hereinafter referred to as ‘the Act’], which is an enactment to provide for imposing restrictions upon the use and enjoyment of land in the vicinity of works

of defense in order that such land may be kept free from buildings and other obstructions. Section 3 of the Act provides for imposition of restrictions. The section stipulates that whenever it appears to the Central Government that it is necessary to impose restriction up on the use and enjoyment of the land in the vicinity of any work of defense, it is intended to be used or to be acquired for any such work, in order that such land may be kept free from buildings and other obstructions, a declaration shall be made to that effect under the signature of a Secretary to such government or of some Officer duly authorized to certify its orders. Further, Sub section 2 provides for publication of the declaration in the official gazette, specifying the details of land and sketch plan of the land and publication thereof. Hence, the distance to be maintained, for carrying out any activity, from a defense installation is governed by the notification issued under Section 3; and it varies considering the requirement of each defense installation, as published in the gazette notification issued u/s. 3 of the Act, in respect of the particular defense installation. Hence, the project proponent may be directed to obtain the relevant Gazette notification with regard to the particular defense installation". The Committee decided to communicate the same to the Proponent.

13. SIA/KL/MIN/155712/2020 , 1688/EC1/2020/SEIAA

Application for the Building Stone Mine (Quarry) project of Mr. V. Sudhakaran for an area of 1.7230 hectares in Block No. 4, Re- Sy Nos. 270/1, 2, 3, 4, 4-1, 5,5-1, 5-2, 5- 3,5-4, 5-18, 5-19, 12,12-1, 12-2, 14, 15, 15-1, 16, 17 of Pallichal Village, Neyyattinkara Taluk, Thiruvananthapuram District, Kerala (Legal Opinion & Report of DC, TVM Received).

Decision: The Committee discussed the legal opinion and the Report from DC, Trivandrum. As per the legal opinion from legal officer, Stop Memos were issued by the Village Officer, Pallichal Grama Panchayat to the quarry operators directing stoppage of all activities on the ground that quarrying was not permissible in assigned land. It was contented that assigned land can only be used for cultivation or for residential purpose.

A series of writ petitions were filed by various quarry operators challenging the stop memos issued by the Village Officer Pallichal Grama Panchayat. The quarry operators contended that while assigning the land, even for cultivation and for residential purposes alone, the Government had reserved to itself the right over the quarries and mines adjacent to the land, and when the Government granted quarrying lease/permits, it was only exercising

the right that was reserved with itself at the time of assignment and the same is not opposed to the purpose of assignment.

The Hon'ble High Court vide judgment dated 25.04.2017 (Reported in 2017(2)KLT 481.) held that quarrying in assigned lands is permissible since the assignment deed itself had reserved the right of the Government over the quarries and mines subjacent to the land and it was in exercise of the said reserved right that the Government issued quarrying lease for undertaking quarrying. Accordingly, the stop memos issued by the Village Officer were quashed by the Hon'ble High Court. Challenging the Judgment of the Learned Single Judge, the State of Kerala filed appeals before the Division Bench. The Hon'ble Division Bench vide judgment dated 25.05.2022 (Reported in 2022 (3)KLT 679.) set aside the Judgment of the Hon'ble Single Judge and held that quarrying is not permissible in assigned lands and that assigned lands could be used only for the purpose for which it is assigned. The entire issues in these judgments were in relation to quarrying being undertaken in assigned lands. The Standing Counsel in Hon'ble High Court of Kerala also informed that except this, no other direction interdicting SEIAA from granting any E.C at Mukkunnimala is seen issued by the Hon'ble High Court so far.

Further, SEIAA vide Letter dated 7.7.2022 have sought report from the District Collector regarding the prohibition for mining activities at Mukkunnimala region. However, the District Collector, Thiruvananthapuram vide Letter dated 30.09.2022 has reported that there is no prohibition on mining in the proposed area at Pallichal Village Block No.4 comprised in Re-Survey No.270/1, 2,3,4-1 etc. It is further stated in the letter that Mukkunnimala region is 700 meters away and the Military Air Force is located 1.50 kms away from the proposed project.

The legal officer has stated vide letter dated 30.09.2022, there is no prohibition on mining in 270/1. The Committee decided to direct the proponent to submit the legible certified survey map showing distance to the houses, other buildings, roads and such other built structures upto a distance of 200m from the proposed site.

14. SIA/KL/MIN/163150/2020 , 1749/EC1/2020/SEIAA

Environmental Clearance for the Proposed Granite (Building Stone) Quarry of 0.7487 Ha in Re-Survey No:129/1, Block No:30 in Ongallur 1 Village, Pattambi Taluk, Palakkad District, Kerala by Sri.Musthafa A (ADS Received)

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

15. SIA/KL/MIN/172346/2020 , 1826/EC3/2020/SEIAA

Application for Environmental Clearance for the Ordinary Earth of Mr.NaushadT M, Chemmalakkudy Thachayil House,Vengola P O, Ernakulam Dist. at Re-Sy.No: 441/7-3,441/7-4,441/7-5-2,Block No :22 in Arakkappady Village, Kunnathunad Taluk, Ernakulam District, Kerala State (Refer back from 118th SEIAA)

Decision: The committee deferred the item for detailed scrutiny in the next meeting

16. SIA/KL/MIN/175300/2020 , 1987/EC3/2022/SEIAA

Building Stone Minor Mineral Mining (Quarry) project of M/s Rock field Estates Pvt. Ltd. at Block No. 48 in Re-Survey No. 400/1, 400/2, 401/5-2, 406/5 ofChengalam (E) Village, Kottayam Taluk, Kottayam District, Kerala. (ADS Received)

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

17. SIA/KL/MIN/185659/2020 , 1858/EC1/2020/SEIAA

Expansion of Granite Building Stone Quarry of M/S. Chengalathu Quarry Industries• for an area of 0.9900 ha in Re-Sy.No: 575/1-3-6-2pt & 581/1-5-7pt at Konni Thazham Village, Konni Taluk, Pathanamthitta District, Kerala. (ADS& FIR Received).

Decision: The Committee examined the proposal and verified the documents submitted by the proponent as directed in the 131st SEAC meeting. The Committee decided to direct the proponent to submit the following additional documents:

1. Revised Project cost as per norms.
2. Revised EMP incorporating site specific mitigation and management measures and adequate budgetary provision
3. Revised CER incorporating monitorable physical targets in consultation with the stakeholders of the Laksham veedu Settlement. The conditions of Laksham veedu settlement in Ward 7 should be studied properly prior to preparation of CER proposal. The quality of materials to be used for various activities in the settlement also should be mentioned in the CER proposal. (The proponent could not comply with the condition of EC 77/SEIAA/KL/172/2013 dated 28/12/2019 of initiating activities worth Rs.3 Cr for protection and promotion of environment including waste management in the project district as per OM F.No.22-65/2017-IA-III dt.01.05.2018

of MoEF & CC as directed by Director, Directorate of Environment & Climate Change and supervised by District Collector).

4. A compensatory afforestation plan should be submitted along with area boundary coordinates, species type and quantity and geo-tagged photographs of the proposed site.
5. Maintenance of Payyanamon- Adicadu road should be done properly with sufficient drainage facility.

18. SIA/KL/MIN/191604/2021 , 1931/EC3/2022/SEIAA

Environmental Clearance for the proposed Granite Building Stone Quarry of M/s Deccan Rocks at Re-Survey Nos. 66/2, 66/1, 66/3-2, 66/3, 66/3-1, 66/3-4, 66/3-5, 66/3-7, 66/3-3, 66/3- 6, 65/1 of Thalanad Village, Meenachil Taluk, Kottayam District, Kerala, for an area of 3.9736 hectares. (ADS Received).

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

19. SIA/KL/MIN/221432/2021 , 1451/EC1/2019/SEIAA

Granite Building Stone Quarry of M/s Aloor Blue Metal Crusher Unit(Conversion ToR to EC), in Re Survey No.152, 153/2, 153/1, 154/2A, 197/1(P) in Pattithara Village, Pattambi Taluk, Palakkad District (ADS Received)

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

20. SIA/KL/MIN/255794/2022 , 2000/EC6/2022/SEIAA

Environmental Clearance for Laterite building stone quarry of Mr. Manningachalil Ibrahim, over an extent of 0.1942 Ha, Re Sy.No. -242/1-3, 242/2 in Pulpatta Village, Ernad Taluk, Malappuram District, Kerala (ADS Received)

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

21. SIA/KL/MIN/271891/2022 , 2687/A2/2019/SEIAA

Environmental Clearance for Removal of Ordinary Earth project over an area of 0.4947 Ha in survey no.473/1, 473/1-1 of Velloor Village, Vaikom Taluk, Kottayam District.(Refer back from 118th SEIAA) (NOC from GP).

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

22. SIA/KL/MIN/41970/2019 , 1715/EC1/2020/SEIAA

Environment clearance for the Proposed Granite Building Stone Quarry of Mr.SAKKEER A over an extent of 1.2120 Hectares in Re-Survey No. 222 part (Govt. Land.) at Pazhayakunnummel Village, Block No.-33, Chirayinkeezhu

Taluk, Thiruvananthapuram District of Kerala State. (ADS Received)

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

23. SIA/KL/MIN/43903/2019 , 1548/EC2/2019/SEIAA

Granite Building Stone Quarry over an extent of 0.9037 Hectares in Re Survey No.- 214/1- 1-1, 214/1-1-2, 214/2pt (Own Patta land) & Re-Sy.No.- 214/1pt(Govt. Land) Pooyappally Village, Kottarakara Taluk, Kollam District, Kerala State by Mr. Biju Khan (Refer back from SEIAA)

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

24. SIA/KL/MIN/43937/2019 , 1547/EC2/2019/SEIAA

Granite Building Stone Quarry over an extent of 0.5456 Ha in Re-Survey No.- 217/17pt (Patta land) & Re-Survey No.-214/1pt (Govt. Land) Pooyappally Village, Kottarakara Taluk, Kollam District, Kerala (Refer back from SEIAA)

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

25. SIA/KL/MIN/81144/2019 , 1421/EC1/2019/SEIAA

Granite Building Stone Quarry of Ms. Malabar Blue Metals in Re Survey Nos. 570/5, 570/7, 570/11, 571/3, 571/4, 542/8 of Ambalappara-1 Village, Ottappalam Taluk, Palakkad District. (EIA Review Report Received).

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

CONSIDERATION OF TOR PROPOSALS

1. SIA/KL/MIS/77012/2022 , 2014/EC3/2022/SEIAA

Expansion of Hospital Project of Al-Azhar Medical College and Super Speciality Hospital, at Kumaramangalam Village, Thodupuzha Taluk, Idukki, Kerala (Refer back from 118th SEIAA).

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

PART 3

CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE

1. SIA/KL/MIN/127262/2019 , 1861/EC4/2019/SEIAA

Environmental Clearance for the Proposed Granite Building Stone Quarry Project of M/s Geo Enterprises is situated for an area of 2.6305 Ha in Re Survey No. 29 (pt) in Sivapuram Village, Thamarassery Taluk, Kozhikode, District, Kerala (FIR Received).

Decision: The Committee examined the proposal and discussed the field inspection report and observed the following.

1. The present proposal is to extract granite building stone from a quarry which was being mined till recently as per Lease Order No. 696/2009-2010/9758/2009 dated 23.3.2010 for 12 years. The project also had Integrated Consent to Operate No. PCB/KKD/DO/ICO-R4/501/2018 17/02/2018 issued by the Kerala State Pollution Control Board till 18/04/2022. The mining has been done without EC.
2. As per the mine lease order, the proponent was permitted production of granite building stone of 15,000 TPA.
3. The present proposal is to mine 1,80,000 TPA of granite building stone from an area of 2.6305 Ha with a Project Cost of Rs. 2.5 Cr. The proponent submitted a mine plan approved on 9.4.2018 which indicated that the mineable reserve is 11,15,155 MT and proposed life of mine is 12 years. The applicant, however, has not entered many of the details of the project area in Form 2 which includes depth to water table, pre-mining and post-mining landuse, mine void data etc. The Proponent has also submitted a non-assignment certificate dated 5.7.2021 which indicates that the land is not assigned for any specific purpose.
4. The project did not adhere to any distance criteria to residential houses etc., in the earlier stages its operation spanning in an area of 2.6305 Ha, as understood. Later on, the project area was reduced to 2.2857 Ha while granting Integrated Consent to Operate by the KSPCB to overcome the distance criteria. The present proposal is for EC for an area of 2.6305 Ha.
5. There have been various complaints against the quarry regarding distance criteria, over-extraction, and nuisance to the public on account of violation of mining protocols. The Principal Bench of Hon. National Green Tribunal OA No. 294/2022

dated 04.5.2022 ordered to verify the factual position and observed that in case of violation of environmental norms, remedial action is required on the basis thereof. The Hon. NGT constituted a Joint Committee consisting of a representative of SEIAA, KSPCB and District Collector, Kozhikkode, the latter as the nodal agency. The SEIAA has nominated a Member of the SEAC to the Joint Committee in File No. 1861/EC4/2019/SEIAA.

6. The Joint Committee is yet to submit its report.
7. In the field inspection report, the sub-committee noted that the boundary pillars at certain locations are not in a fixed condition, the buffer zone is not retained in most of the regions, the green belt is poorly developed, drainage systems are not provided, benches are not maintained and distance criteria is violated as the residential area is only 46.1 meters (from BP1), and the public road is only 33.9 meters from BP 7. There are also indications of over-extraction and unscientific mining operations. There are no elevation contour map provided in the mine plan and mineable reserve estimated seems to be very high as large portion of the area is already mined.

The Committee observed that it is not desirable to consider the project for environmental clearance without appropriate environmental corrections. **Therefore, the Committee decided to recommend to SEIAA to delist the application till an order from the Hon. NGT is received.**

2. SIA/KL/MIN/130005/2019 , 1568/EC2/2019/SEIAA

Environmental Clearance for the proposed Granite Building Stone Quarry project of Mr. Shafir P in Survey No. 374/782, 374/509, 374/510 of Valad Village, Manathavadi Taluk, Wayanad District, and Kerala (FIR Received).

Decision: The Committee examined the proposal and discussed the field inspection report. The mineable reserve is 4,16,688 MT with projected life of mine of 5 years. and observed the following:

1. An abandoned quarry pit is located at the center of proposed project area and no benches are maintained in the old quarry pit.
2. The south eastern steep sloping flank is under rubber plantation and north western portion is natural vegetation.
3. Soil thickness is moderate and slope is steep on both the flanks.
4. An office building without building number is located 27m away from the project area boundary.

5. The proposed area falls in the head portion of a valley where rainwater from all three flanks of the valley collect to the old quarry pit and flows out as a natural channel.
6. Approach road for about 100m need development.
7. The biodiversity in and around the site is good.

Based on discussions, the Committee decided to direct the proponent to submit the following additional documents:

1. Modified drainage plan.
2. Compensatory afforestation plan along with the coordinates of the site proposed and geo-tagged photographs of the proposed site.
3. Conservation plan for sustaining the biodiversity of the proposed site
4. Development plan for the approach road
5. Recently certified and legible survey map from the Village Officer indicating distance to the house, other buildings, roads and such other built structures within 200m.
6. Revised EMP incorporating spot specific mitigation and management measures and with adequate budget allocation
7. Clarification regarding the building located at a distance of 27m from the proposed site.

3. SIA/KL/MIN/141622/2020 , 1916/EC2/SEIAA/2021

Granite Building Stone Quarry of Shri. K V Joy over an extent of 1.4062 Ha. (3.4747 Acres) in Re- Sy. Block No. 19, Re-Sy. Nos. 8/33, 8/34, Kalpetta, Village, Vythiri Taluk, Wayanad District, Kerala (FIR Received).

Decision: The Committee discussed the field inspection and found that an abandoned quarry pit is located at 27m away from the south west part of the proposed project area. The project area is under coffee plantation with arecanut and other mixed trees. Soil thickness is relatively low and slope is gentle. A site office located at 25m is found demolished on the day of visit.

The Committee decided to invite proponent for presentation.

4. SIA/KL/MIN/142587/2020 , 1665/EC2/2020/SEIAA

Environmental Clearance for the Building Stone Quarry of area 0.6355 Ha at Re. Sy. No. 179/1, 182/1,2 in Kayyur Village, Hosdurg Taluk, Kasaragod District, Kerala of Mr K.V Bhaskaran.(FIR Received)

Decision: The Committee examined the proposal and discussed the field inspection report in detail. It I observed that there is an abandoned quarry with about 40m vertical scarp, located

at South East portion of the project area. Two streams flowing through the proposed project area and approach road need development. In these circumstances the **committee decided to direct the proponent to submit the following additional details:**

1. Map showing the OB dump location and protection measures.
2. Compensatory afforestation plan along with geo-coordinates of proposed site and geo-tagged photographs of the site
3. Revised EMP incorporating site specific mitigation measures and management plans and adequate budget provision for the entire life of mine proposed.
4. Revised CER plan incorporating monitorable physical targets in consultation with stakeholders.
5. Development plan for the approach road.

**5. SIA/KL/MIN/148066/2020 , 1693/EC2/2020/SEIAA
Environmental Clearance for Granite Building Stone Quarry of Mr. Babu.P at
Survey No. 535/1 in Thayannur Village, Vellarikkund Taluk, Kasaragod District,
Kerala (FIR Received)**

Decision: The Committee examined the proposal and discussed the field inspection report in detail and found that two abandoned quarry pits are located in the project area. Boulders are present at the lower portion of the quarry and approach road need development. In these circumstances the **committee decided to direct the proponent to submit the following additional details:**

1. Map showing the OB dump location and protection measures.
2. Compensatory afforestation plan along with geo-coordinates of proposed site and geo-tagged photographs of the site
3. Revised EMP incorporating site specific mitigation measures and management plans and adequate budget provision for the entire life of mine proposed.
4. Revised CER plan incorporating monitorable physical targets in consultation with stakeholders.
5. Development plan for the approach road.

**6. SIA/KL/MIN/149209/2020 , 1700/EC4/2020/SEIAA
Environmental Clearance for the building stone quarry of Sri.M.P.Lalu, at Re
Survey No.74/1Dpt,74/608pt, Block No. 37 of Kuttur Village, Payyannur Taluk,**

Kannur District, Kerala for an Area of 1.4336 Ha. (ADS Received)

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

- 7. SIA/KL/MIN/163973/2020 , 2076/EC1/2022/SEIAA**
Environmental Clearance for the Granite Building Stone quarry of Sri. T. AnilkumarinSy.Nos. 352/2-1, 352/2-2, 352/2(Pt), 352/1-2 at Nedumangad Village of Nedumangad Taluk, Thiruvananthapuram District (Fresh proposal)

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

- 8. SIA/KL/MIN/166371/2020 , 1758/EC4/2020/SEIAA**
Environmental Clearance for the proposed granite building stone quarry of M/s M.A.Granites, in Re Survey No: 84/1, 84/2B Resurvey Block No: 1 Balussery Village, Koyilandy Taluk, Kozhikode District, Kerala, (Fresh application)

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

- 9. SIA/KL/MIN/168428/2020 , 1988/EC2/2022/SEIAA**
Environmental Clearance for Granite Building Stone Quarry of Mr. Safarulla K. having an area of 1.0289 Ha in Re-Sy. No- 318/1D of Vorkady Village, Manjeshwaram Taluk, Kasaragod District of Kerala. (FIR Received).

Decision: The Committee discussed the field inspection report in detail and found that an abandoned old quarry partially falling within the south eastern part of the project area and a first order seasonal stream is located within the project area. The proposed area is 1km away from Kerala and Karnataka State boundary. **In these circumstances the committee decided to direct the proponent to submit the following additional details:**

1. Map showing the OB dump location and protection measures.
2. Compensatory afforestation plan along with geo-coordinates of proposed site and geo-tagged photographs of the site
3. Revised EMP incorporating site specific mitigation measures and management plans and adequate budget provision for the entire life of mine proposed.
4. Revised CER plan incorporating monitorable physical targets in consultation with stakeholders.
5. Development plan for the approach road.

10. SIA/KL/MIN/183913/2020 , 2035/EC2/2022/SEIAA

Environment Clearance for the proposed Granite Building Stone Quarry M/s. Krishnagiri Stone Crusher over an extent of 1.400 Ha.at Re-Sy. No. 308 of Vengapally Village, Vythiri Taluk, Wayanad District, Kerala. (Fresh file).

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

11. SIA/KL/MIN/195129/2021 , 1893/EC4/2021/SEIAA

Environmental Clearance for the proposed Granite Building Stone Project of M/S Puthalam Constructions Pvt. Ltd. in, Re-Survey Nos. 21/149, 21/124,21/145, 21/148, 21/147, 21/156, 21/144 (Old Sy. No. 21/1A1), Kolayad Village, Thalassery Taluk, Kannur District, Kerala for an area of 2.0235 hectares. (FIR Received)

Decision: The Committee examined the proposal and discussed the field inspection report in detail and **decided to direct the proponent to submit the following additional Documents:**

1. Map showing the OB dump location and protection measures.
2. Compensatory afforestation plan along with geo-coordinates of proposed site and geo-tagged photographs of the site
3. Revised EMP incorporating site specific mitigation measures and management plans and adequate budget provision for the entire life of mine proposed.
4. Revised CER plan incorporating monitorable physical targets in consultation with stakeholders.
5. KML file
6. Proof of application submitted to NBWL for wildlife clearance
7. Safeguard plan for the adjacent abandoned quarry which is left without any protection against accidents.
8. Status report on the mine closure plan of the adjacent quarry mined till recently.

12. SIA/KL/MIN/195303/2021 , 1885/EC4/2021/SEIAA

Environmental Clearance for the Proposed Granite Building Stone Quarry of Mr. M.P Balan.at Re.Sy. No. 29/3 of Meppayyur Village, Koyilandy Taluk, Kozhikode District of Kerala for an extent of 0.9928 Ha.(FIR Received)

Decision: The Committee discussed the field inspection report in detail and **directed the proponent to submit the following additional Documents:**

1. Revised EMP with adequate and spot specific mitigation measures and with adequate fund provided for such measures. As the EMP cost increases, the total project will

increase and accordingly the CER cost and incorporate the revision required.

2. Development plan for proper road access to the site either through own land or through consented land as there is no proper road access to the site as the road is marked in the survey map through land owned by others.
3. Detailed drainage plan either through own land or through consented land as the outflow channel from the garland drain to the natural drain is shown through plot owned by others.
4. Detailed compensatory afforestation plan incorporating the geo-coordinates of the proposed site, details of species proposed to be planted and nurtured and geo-tagged photographs of the site.
5. Plan and estimate for providing temporary wall along the boundary of the proposed mine site where houses are located to address the concerns of the households in the vicinity of the quarry.

13. SIA/KL/MIN/235350/2021 , 2061/EC3/2022/SEIAA

Environmental Clearance for the Laterite Buliding Stone project at Re Survey No.33/10 of Edakkattuvayal Village, Kanayannoor Taluk, Ernakulam District, Kerala State for an area of 0.2838 hectares. (Fresh Proposal)

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

14. SIA/KL/MIN/239186/2021 , 2056/EC1/2022/SEIAA

Granite Building Stone Quarry of Mr. Adeshkumar C.S at Survey No 208/1-62,208-1-28 in Alanallur-III Village, Mannarkkad Taluk, Palakkad District, Kerala State for an extent of 0.9913Ha (Fresh proposal)

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

15. SIA/KL/MIN/239826/2021 , 2044/EC6/2022/SEIAA

Environmental Clearance for the granite building stone quarry project of Sri.Jayarajan. A for an area of 0.9751 Ha in Sy.No.1169/119, 1169/124 in Melmuri Village, Ernad Taluk, Malappuram District (Fresh Proposal)

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

16. SIA/KL/MIN/257046/2022 , 2046/EC6/2022/SEIAA

Environmental Clearance for the granite building stone quarry project of Mr. Abdul Razack.K for an area of 0.5634 Ha in Sy.No.35 in Kariavattom Village, Perinthalmanna Taluk, Malappuram District (Fresh Proposal)

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

17. SIA/KL/MIN/258433/2022 , 2063/EC3/2022/SEIAA

Environmental Clearance for the building stone quarry at Re-Survey No.120/5,Block No.12 of Kombanad Village, Kunnathunadu Taluk, Ernakulam District, Kerala for an Area of 1.8501 Ha. (Fresh Proposal)

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

18. SIA/KL/MIN/260489/2022 , 2023/EC1/2022/SEIAA

Granite Building Stone Quarry of MrRutwin Reddy. at block no.60, Re Survey No.432/10, 432/9 in Pookottukavu Village, Ottapalam Taluk, Palakkad District, Kerala State for an extent of 0.9838Ha (Fresh proposal)

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

19. SIA/KL/MIN/266526/2022 , 2040/EC6/2022/SEIAA

Environmental Clearance for the granite building stone quarry project of Sri.Krishna Kumar.E for an area of 0.9400 Ha in Sy.No.486 in Vadakkethara Village, Thalappilly Taluk, Thrissur District (Fresh proposal)

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

20. SIA/KL/MIN/267357/2022 , 2034/EC3/2022/SEIAA

Environment Clearance for mining permit of "M/s Perumannoor Granites Private Limited" over an extent of 3.5238 Ha at Sy No. 611/1A/19W/17, 611/1A/19W/19, 611/1A/83/13/16, 611/1A/84/14/23 & 611/1A/196/73/2 Keerampara Village, Kothamangalam Taluk, Ernakulam District, Kerala State (Field Inspection Report Received).

Decision: The Committee examined the proposal and discussed the field inspection report. It is observed that the site is in between two hills with elevation of 228m above MSL on the northeast and 274m above MSL on the western side. The proposed site is on the foothill of the one with elevation of 274m. There are also two abandoned pits in between the proposed site and hill on the north-east. There are chances of rolling down of materials from the top at the portion of the site covering boundary pillars BP1, BP10, BP9 and BP8. Therefore, appropriate safeguard including distancing of the boundary of the proposed quarry away from the hill need consideration. It is also observed that there is need to revise the EMP incorporating site specific mitigation and management measures and adequate budget and also the CER incorporating monitorable physical targets in consultation with the stakeholders. Based on discussions, **the Committee decided to invite the proponent for presentation.**

21. SIA/KL/MIN/269205/2022 , 2065/EC3/2022/SEIAA

Environmental Clearance for the building stone quarry at Re-Survey No.130/1,130/2, Block No.12 of Kombanad Village, Kunnathunad Taluk, Ernakulam District, Kerala for an Area of 0.6250 Ha. (Fresh proposal)

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

22. SIA/KL/MIN/273393/2022 , 2045/EC6/2022/SEIAA

Environmental Clearance for the Laterite building stone quarry project of K.Noushad for an area of 0.6378 Hain Sy.No.104/1-98 in Kuruva Village, Perinthalmanna Taluk, Malappuram District (Fresh proposal)

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

23. SIA/KL/MIN/273896/2022 , 2042/EC1/2022/SEIAA

Environment Clearance for the the Granite Building Stone Quarry, of Shri R.Rahulan Pillai over an Extent of 0.77.14 ha in S.Y.No. 183/5(P), 182/2, Enadimangalam Village, Adoor Taluk, Pathanamthitta District, Kerala (Fresh proposal)

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

24. SIA/KL/MIN/275159/2022 , 2073/EC1/2022/SEIAA

Environment Clearance for mining permit of "M/s K L R Granites" over an extent of 3.8717 Ha at ReSy Block No.:20, Re-Sy No.: 47/1-9, Malayalappuzha Village, Konni Taluk, Pathanamthitta District, Kerala (Fresh proposal)

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

25. SIA/KL/MIN/43559/2019 , 1483/EC2/2019/SEIAA

Environmental Clearance for the proposed Granite Building Stone Quarry of Mr. C. FirosBabu in Survey No 201, 202, 203, 214, 215, 216/1 & 218 over an extent of 4.3520 Hectare in Thiruvilwamala Village, Thalappilly Taluk, Thrissur District, and Kerala State. (ADS Received)

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

26. SIA/KL/MIN/77965/2019 , 1278/EC2/2019/SEIAA

Environmental Clearance for the granite building stone quarry project of Sri.Jaisal M.P for an area of 3.8323 Ha in Sy.No.269/1-5, 269/1-2, 269/1-3, 269/1-4 in Nediyrippu Village, ERnad Taluk, Malappuram District (Fresh proposal after EIA study) (Compliant received)

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

PART 4

CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE

1. SIA/KL/MIN/132461/2019 , 1572/EC1/2019/SEIAA

Granite building stone quarry of M/s Crystal Granites in Re-Survey Nos. 178/12pt, 178/11pt, 178/13pt, 168/6pt, 168/9pt, 168/10, 168/11pt, 183pt, 175/1pt, 177/1pt, 177/2pt & 178/1pt, at Pallickal Village, Block No.-26 of Varkala Taluk, Thiruvananthapuram District, Kerala (ADS Received)

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

2. SIA/KL/MIN/134153/2019 , 1797/EC6/2020/SEIAA

Granite Building stone quarry project of Sri. K. P. MUHAMMED BASHEER for an extent of 0.7874 Hain Re Survey No. 276/1 in Oorakam Village, Thirurangadi Taluk, Malappuram District, Kerala (Additional Documents Received)

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

3. SIA/KL/MIN/136154/2020 , 1609/EC1/2020/SEIAA

Environmental Clearance for Building Stone Quarry of Mr. Abdul Vahid. A over an extent of 1.6980 Ha. Block No: 37, Re Sy 111/1, 110/2, 110/2-1 in Nagaroor Village, Chirayinkeezhu Taluk, Thiruvananthapuram (ADS Received)

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

4. SIA/KL/MIN/137919/2020 , 2059/EC3/2022/SEIAA

Environment Clearance for mining lease of “Granite Building Stone Quarry of Shri. Baiju Joseph” over an extent of 0.9307 Ha. (2.2997 Acres) at Sy Nos. 463/5-4, 468/3-1 & 468/4-1, Thirumarady Village, Muvattupuzha Taluk, Ernakulam District, Kerala (Fresh Proposal)

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

5. SIA/KL/MIN/165260/2020 , 1977/EC6/2022/SEIAA

Application for Environmental Clearance for the Granite Building Stone Quarry of Abdul Nazer. P in Survey No. 137/10-13, 137/10-15, 137/10-14, 137/10-11 in Valambur Village, Perinthalmanna Taluk, Malappuram (FIR received)

Decision: The Committee examined the proposal and discussed the field inspection report and observed the following:

- The present proposal is for a fresh granite quarry. The region forms part of a hillock with an altitude ranging from 80 - 145m amsl. As the project site is moderate to steep sloping, adequate drainage facilities in the project site are to be ensured.
- The area is noted to have thick natural vegetation and the loss of vegetation owing to quarry operation should be compensated.
- Another quarry was found functioning in the present project area, which was having an EC issued by SEIAA for the same proponent for an extent of 3.318 Ha. (No. 756/SEIAA/KL/331/2015 with validity till 29/05/2021 and extended validity till 29/05/2022). This quarry was found to function till recently, without adequate compliance to the EC conditions, especially on fencing, sign boards, garland canal, silt trap, retaining walls, green belts, and CER implementation. Even the mined-out area is noted to be different from the area proposed in the original EC.
- The amount earmarked for CER activities was not supplemented with approval letters from beneficiaries.

Based on the above observations, the following additional documents/details have to be submitted by the Proponent:

1. Revised drainage plan for the entire project area.
2. Compensatory afforestation plan with geo-coordinates and areal extent of the proposed site, number and species of plants proposed for afforestation and geo-tagged photographs of the site.
3. Explanation for the noncompliance of conditions stipulated in the former EC (No. 756/SEIAA/KL/331/2015 with validity up to 29/05/2021 and extended validity up to 29/05/2022).
4. Details of CER activities for the stipulated amount, supported by a certification from beneficiaries.
5. Depth to water table in the nearest dug well to the site along with geo-coordinates of the well as well as distance to the well from the project boundary
6. Water requirement, source of water, safe yield of the source and water management plan.

Based on discussions, the Committee decided to invite the proponent presentation.

6. SIA/KL/MIN/167408/2020 , 1946/EC6/2022/SEIAA

Environmental clearance for the proposed Granite (Building Stone) Quarry of Sri.Sajid Ayoli at Re- survey no. 291 in Oorakam village, Thirurangadi Taluk, Malappuram District, Kerala for an extent of 0.9642 Ha (FIR received)

Decision: The Committee examined the proposal, discussed the field inspection report and observed the following:

1. The proposed project falls on the upper side slope of a hillock, which is 132 m above mean sea level with relative relief of 100m.
2. The slope of the site is very steep and the western part of the site is a vertical fall. The hill on which the site is proposed and surrounding areas are highly dilapidated with many quarries, ongoing and abandoned.
3. The consultant, who accompanied the subcommittee failed to show the boundary pillars in accordance with the latitude/longitude as outlined in the mining plan
4. A stream is noted close to BP1 and was having a higher extent of fish diversity, which will be impacted due to mining.
5. There is not much clarity in the mining plan regarding the source and availability of water for quarry activities.
6. The drainage plan submitted along with the mining plan does not indicate its connectivity with nearby water resources.
7. CER activities stated are linked to a Palliative Care Society and lack clarity and compliance to the norm with respect to CER.
8. The project area is noted to have a high vegetation density, especially of mixed tree species.
9. Presently there is no road access to the project site.
10. A housing colony is located (beyond 50 meters) opposite the project site. There was a mass protest against the proponent from the part of local inhabitants during the field inspection.

In these circumstances, the Committee decided to direct the Proponent to submit the following:

1. Response to the mass protest of the local people against the proposed quarry.
2. Environmental status of the area within 500m radius of the project site considering various abandoned and ongoing quarries, land fragility, proneness to landslides considering the terrain slope, overburden thickness, soil characteristics, lithology,

vegetation, rainfall characteristics etc.

3. Comprehensive Environmental Management Plan for mitigating the impacts on land, water and biodiversity.

7. SIA/KL/MIN/203330/2021 , 1937/EC3/2022/SEIAA

Environment Clearance for mining permit of ‘Granite Building Stone Quarry of M/s. Mariyan Granites’ over an extent of 0.9802 Ha.inSy Nos. 805/1A-40, 805/1A-40, 805/1A-40 of Kalloorkkad Village, Muvattupuzha Taluk, Ernakulam District, Kerala (Additional Documents Received)

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

8. SIA/KL/MIN/209954/2021 , 1951/EC1/2022/SEIAA

Environmental Clearance for the building stone quarry of Sri.Sukumaran. K at Survey No. 364 of Nagalassery Village, Pattambi Taluk, Palakkad District, Kerala for an Area of 0.4696 Ha.(ADS Received)

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

9. SIA/KL/MIN/223779/2021 , 1921/EC4/SEIAA/2021

Environmental Clearance for the proposed, at Re.Sy.No- 67/1190, 67/1191, 67/1187, 67/1186, 67/801 in Kakkad Village, Kozhikode Taluk, Kozhikode District, Kerala for an extent of 0.7115 Ha.(ADS Received)

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

10. SIA/KL/MIN/255880/2022 , 2081/EC3/2022/SEIAA

Environmental Clearance for the building stone quarry at Survey No. 797/1Apt, of Kalloorkkad Village, Muvattupuzha Taluk, Ernakulam District, Kerala for an Area of 0.9235 Ha.(Fresh Proposal)

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

11. SIA/KL/MIN/261634/2022 , 1999/EC6/2022/SEIAA

Environmental Clearance for Laterite building stone quarry of Mr. Ayamu, over an extent of 0.3391 Ha, ReSyNo-242/1-3 in Pulpatta Village, Ernad Taluk, Malappuram District, Kerala (Additional Documents Received)

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

12. SIA/KL/MIN/261884/2022 , 2072/EC6/2022/SEIAA

Environmental Clearance for the Laterite Building Stone Quarry project of Sri.Abdul Majeed, in.Block No.7, Sy.No.1/4 in Pulikkal Village, Kondotty Taluk, Malappuram (FIR received)

Decision: The Committee examined the proposal and discussed the field inspection report and observed the following:

1. The proposed project falls on the top of a hillock, which is slopping towards the east, west, and northern directions. The altitudinal difference is more on the western side (97 m) than on the east (72 m). Land development was noticed in certain areas of the project site.
2. Vegetation is sparse in the area the site is more or less barren.
3. It is stated that an extent of 7 KLD of water is required for quarry and associated operations. There is no water resource or storage facility in the project area. There is ambiguity in the project proposal regarding the source and distribution of water to the project site.
4. CER activities are not specific and the drainage plan is not proper.
5. The access road to the project site is poorly developed.
6. There are 7 hard rock quarries spotted in the vicinity namely New Tech Granite, Anthiyur Granites, Malabar Granites, Calicut Granites, New Tech Granites, Vikas Granites and Beta granites as per google earth map.
7. There are two complaints received claiming ownership of the land in which the project is proposed and requesting that proposed activity should not be permitted in the land. The compliants are from Dr. Azad Mooppan, Mooppan House, Thodayad, Chevayur, Kozhikkode dated 10.10.2022 and from Col. Nissar Ahmed Seethi, Chief Operating Officer, Social Advancement Foundation of India & SAFI Institute of Advanced Study, Vazhayur East dated 13.10.2022

Based on the above observation committee decided to direct the proponent to submit the following additional documents:

1. Response of the Proponent to the two complaints as stated above. The Proponent should be provided with the copy of the complaints.
2. Preventive measures for overcoming air pollution due to dust emission considering the barrenness of the area, elevation of the hillock and possibility for dust emission.

3. Details of water resources to be used for this quarry (with geo coordinates), together with their hydrologic features with respect to seasons.
4. Detailed EMP incorporating site specific mitigation measures, specific CER activities with monitorable physical targets in consultation with stakeholders and adequate budget provision.
5. Proposal for green belt and greening the location with appropriate indigenous tree species.
6. Lithologic section of the site with characteristics of the laterite column.
7. Survey map indicating distance to nearest built structures within 100m
8. Detailed drainage plan considering the necessity of preventing water logging in the pit.
9. Details of Ecological and Environmental sensitivity of the site as envisaged in the application form

13. SIA/KL/MIN/262702/2022 , 1996/EC6/2022/SEIAA

Environmental Clearance for the Laterite Building Stone Quarry project of Sri.Moideenkutty.P in Sy.No.242/1-3, 242/2in Pulpatta Village, Ernad Taluk, Malappuram(ADS received)

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

14. SIA/KL/MIN/263015/2022 , 2024/EC1/2022/SEIAA

Environmental Clearance for Granite building stone quarry of C.H Sakkariya, President, Mannarkkad Taluk Karinkal Quarry Operators Industrial Cooperative Society Ltd, at Re Survey No. 70/10, 70/16, 242/15 of Pottassery-I Village, Mannarkkad Taluk, Palakkad District (FIR Received)

Decision: The Committee examined the proposal discussed the field inspection report of the Sub-committee conducted on 28.09.2022 and **decided to direct the proponent to submit the following additional documents:**

1. NOC from the Irrigation department.
2. Revised Project Cost as per norms
3. Revised EMP incorporating site specific mitigation and management measures and adequate budget provision
4. Revised CER with specific activities in physical terms to be undertaken by the

proponent in consultation with the stakeholders as stipulated in the OM No.22-65/2017-IA.III dated 30/09/2020 and OM No. 22-65/2017-IA.III dated 20/10/2020 of the MoEF&CC, GOI instead of allocation of funds under CER.

15. SIA/KL/MIN/265909/2022 , 1985/EC1/2022/SEIAA

Environmental Clearance for Laterite building stone quarry of Mr.Ansar.C over an extent of 0.8489 Ha in Survey No. 1/2A, of Pottassery-2 Village of Mannarkkad Taluk, Palakkad-District (ADS Received)

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

16. SIA/KL/MIN/272893/2022 , 2087/EC3/2022/SEIAA

Building Stone Mine (Minor Mineral Quarry) project of Mr. M. G. BABU located at Survey Nos. 725/1, 725/2-2, 725/2-3, 725/2, 725/2, in Kalloorkad Village, Muvattupuzha Taluk, Ernakulam District, Kerala in an area of 0.9105 hectares. (Fresh Proposal)

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

17. SIA/KL/MIN/274473/2022 , 2075/EC1/2022/SEIAA

Environmental Clearance for the building stone quarry of Sri,Raphy John Managing Partner, Hilltop Aggregates at Survey No. 381/6,381/59381/64,381/66, of Kanambra1 Village, Alathur Taluk, Palakkad District, Kerala for an Area of 2.3611 Ha.(Fresh proposal)

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

18. SIA/KL/MIN/275539/2022 , 2068/EC2/2022/SEIAA

Environmental Clearance for the proposed Granite (Building Stone) Quarry in Block No. 37, Re-Survey Nos. 37/5-2, 37/5-3, 37/4-2, 37/4-1, 37/3-2-2, 37/3-1, 37/3-2, 37/13-1- 2, 35/2-2, 35/14, 35/15, 35/15-2, 36/3, 36/2-2, 35/13, 36/4 of Velinellur Village, Kottarakkara Taluk, Kollam District, Kerala(Fresh Proposal)

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

19. SIA/KL/MIN/278375/2022 , 2078/EC4/2022/SEIAA

Environmental Clearance for the Proposed Granite (Building Stone) Quarry lease area at Re-Survey No.93/68, Block No – 7 in Raroth Village, Thamarassery Taluk, Kozhikode District, Kerala State for an extent of 1.0694 Ha.(Fresh application)

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

20. SIA/KL/MIN/278377/2022 , 2058/EC1/2022/SEIAA

Granite Building Stone Quarry Mr. SabuKuriakose, Managing Director, M/s Kavumkal Granites over an area of 0.7070 Ha. Re.Survey No.470/6 in Vadasserikkara Village, Ranni Taluk, Pathanamthitta District (Fresh proposal)

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

21. SIA/KL/MIN/286117/2022 , 2067/EC4/2022/SEIAA

Building Stone Minor Mineral Mining (Quarry) project of M/s V K Stone Crusher at Re-Survey Block No. 59, Re-Survey Nos. 6/527, 6/526, 6/537, 6/600, Vellarvally Village, Iritty Taluk, Kannur District, Kerala for an area of 3.7324 hectares. (Fresh application)

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

22. SIA/KL/MIN/287019/2022 , 2113/EC2/2022/SEIAA

Environmental Clearance for Granite Building Stone Quarry of M/s. Pulpally Stone Crushers” over an extent of 2.4066 Ha situated at Re-Sy Block no. 17, Re-Sy Nos. 24/3, 24/4, 24/5, 24/8, 24/10, 24/11/1,24/11/2, 24/14, 24/15, 24/16, 24/17, 24/18, 24/19 & 26/9, Muttill South Village, Vythiri Taluk, Wayanad District, Kerala(Fresh Proposal)

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

23. SIA/KL/MIN/47565/2019 , 1515/EC3/2019/SEIAA

Application for Environmental Clearance for the Granite Building Stone quarry project of Sri.Kaderbabu E.K in 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 (Evaluation Report received)

Decision: The Committee examined the proposal and discussed the evaluation report in detail. The proposal comes under cluster conditions as per the cluster certificate dt. 11.11.2019 with cumulative area of quarries more than 5 Ha within 500m radius of the quarry. Hence it is recommended to conduct a cumulative impact assessment and the application for approval of the ToR was approved in the 113th meeting of the SEAC with four additional studies. The cumulative EIA was carried out during August 2020-October 2020 and the public hearing was conducted on 24.09.2021 in which 48 people participated. The evaluation report highlighted the following non-compliance in EIA with respect to the approved ToR.

1. TOR 7: An environment policy approved by the Board of Directors of the project is found missing. Also, Chapter 3.2 on micro-meteorology addressed temperature values incorrectly.
2. TOR 19: Details regarding proximity to “critically polluted” areas is missing.
3. TOR 22: The mineralogical composition of PM10, particularly for free silica is not given.
4. TOR 23: Air quality modelling is missing in the report
5. TOR 24: Details on the usage of water, water availability and source of water and the water balance study is missing.
6. TOR 26: No water conservation methods/measures and rainwater harvesting details are not included in the report.
7. TOR 27: Only one surface water (river) have been collected and analysed. It is not representative of the study area. No surface water sample is taken from the streams present within the 10km of project site. There are a number of primary and secondary streams in the study area as depicted in Fig. 3.4 which are not considered. The connectivity of garland drain with the natural stream is not given. The Fig. 3-6 given as drainage pattern of the area is not representative of the study area.
8. TOR 28: Though the details of well locations and depth to water table is given, the distance from the proposed quarry to the well locations is missing. The wells are not mapped and schematic diagram of ground water potential is not provided.
9. TOR 30: No schematic diagram on site elevation, working depth, ground water table etc. are not given.
10. TOR 32: No traffic study is found detailed in the report.
11. ToR 34: Mine closure plan is not found detailed in the report.
12. ToR 35: No details given on Occupational health impacts and its mitigation
13. ToR 36: Implications on Public health are not systematically evaluated and proposal for remedial measures with budgetary allocation is missing
14. ToR 37: The detailed Socio -economic significance is also missing
15. TOR 38: Detailed Compensatory afforestation plan is not given. It should include the geocoordinates and photographs of the proposed site, a list of plant species (trees, shrubs, climbers, etc.), time frame, planting details, and a maintenance plan for the first five years. Further, the Environmental Monitoring budget is not adequate.
16. ToR 42 : Disaster management plan is not given. The method used for assessing the impact such as Matrix, Checklist etc. is not mentioned. The EIA report is supposed to

represent the activities and their impacts in a logical manner to facilitate communication with stakeholders, but this approach is not found adopted.

Further, sampling sites are not mapped and data collection for EIA study was not done during the critical season. The shift in rainfall pattern since 2018 and consequent impact on the land, water, atmospheric, biological and social aspects is not found adequately addressed.

Based on the above observations, the Committee decided to direct the proponent to submit the following additional details:

1. Revised project cost
2. Revised EMP incorporating site specific mitigation and management measures and adequate budget provision along with environmental monitoring plan and budget for the entire mine life of mine.
3. Recently certified and legible survey map from the Village Officer
4. Drainage map showing connectivity to natural stream
5. Modified CER
6. Detailed Compensatory afforestation plan which includes the geocoordinates and photographs of the proposed site, a list of plant species (trees, shrubs, climbers, etc.), time frame, planting details, and a maintenance plan for the entire life of mine.
7. Impact on air quality using appropriate air quality modelling
8. Landslide proneness study (Impact of the slope stability of the region in and around the project site as desired under additional ToR)
9. Impact of traffic and transportation as desired in the additional ToR
10. Impact of impoundments in the vicinity with focus on breach potential considering the rainfall intensity and magnitude for the last five years as desired in the additional ToR.

Based on discussions, the Committee directed the Proponent to revise the EIA report in accordance with the observations above and submit the additional details/ documents as mentioned above.

24. SIA/KL/MIN/61795/2019 , 1894/EC6/2021/SEIAA

Building Stone Minor Mineral Mining (Quarry) project of Mr. Manoj K. at Kannamangalam Village, Thirurangadi Taluk, Malappuram District, Kerala for an area of 0.9524 hectares. (ADS received)

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

CONSIDERATION OF TOR PROPOSALS

1. SIA/KL/MIN/403837/2022 , 2127/EC3/2022/SEIAA

Proposed Granite/Building Stone Quarry of Mr. Vinod Bhaskar at Survey no.391/5/4/10 Varappetty Village, Kothamangalam Taluk, Ernakulam District of Kerala State for permit area of 0.5910 ha (Fresh Proposal)

Decision: The Committee examined the proposal and decided to recommend Standard ToR for conducting EIA study and evolving EMP with the following additional study.

1. Breach potential study.

2. SIA/KL/INFRA2/404217/2022 , 2125/EC1/2022/SEIAA

Common Biomedical Waste treatment facility by IMAGE-IMA at Adoor in Endaimangalam Village, Adoor, Pathanamthitta District, Kerala (Fresh Proposal)

Decision: The Committee examined the proposal and decided to recommend Standard ToR for conducting EIA study and evolving EMP with the following additional study.

1. Breach potential study.
2. Land fragility assessment

PART 5

CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE

1. SIA/KL/MIN/133614/2019, 1842/EC6/2020/SEIAA

Granite Building stone quarry of “Mr. Babu N.P, Managing Partner, M/s. Grand Rock Products at Sy.No: 157/3 in Wadakkanchery Village, Thalappilly Taluk, Thrissur District, Kerala State(Fresh Proposal)

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

2. SIA/KL/MIN/218355/2021 , 2094/EC4/2022/SEIAA

Environmental Clearance for the Granite Building Stone Quarry project of Mr. K. Gangadharan at Re-Survey No. 151/1, 151/4, 1/1 of Puthur Village, Thalassery Taluk, Kannur District, Kerala for area of 1.3710 hectares.(Fresh application)

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

3. SIA/KL/MIN/257315/2022 , 1969/EC2/2022/SEIAA

Environmental Clearance for the Proposed Granite (Building Stone) Quarry in Re-Survey Nos: 375/1, 375/2, 375/3 of Puthoor Village & Re-Survey Nos: 381/1, 381/1-2, 381/1-3, 381/8, 381/10 of Kalayapuram Village, Kottarakkara Taluk, Kollam District, Kerala(Fresh Proposal)

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

4. SIA/KL/MIN/268812/2022 , 2101/EC1/2022/SEIAA

Granite Building Stone quarry project of Sri. Sukumaran, President of Ottappalam Taluk Karinkal Quarry Operators Industrial Co-Operative Society Ltd in an extent of 0.3332 Hectares in Re. Survey No. 495 of Ananganadi Village of Ottappalam Taluk of Palakkad District (Fresh Proposal)

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

5. SIA/KL/MIN/273789/2022 , 2117/EC2/2022/SEIAA

Environmental Clearance for Laterite building stone quarry of Mr. Saburaj E. G. over an extent of 0.0971 Ha, Survey No- 246/1PT401 in Kinanur Village, Vellarikkund Taluk, Kasaragod District, Kerala(Fresh Proposal)

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

6. SIA/KL/MIN/277481/2022 , 2118/EC2/2022/SEIAA

Environment Clearance for mining permit of " M/s Minering Aggregates Private Limited" over an extent of 4.7998 Ha at Re-Sy Block No.:01, Re-Sy No.: 23/1 pt427, 23/1 pt426, 23/1 pt424 & 23/1 pt375, Kolathur Village, Kasaragod Taluk, Kasaragod District, Kerala (Fresh Proposal)

Decision: The Committee examined the proposal and verified the details provided and decided to entrust Sri. V. Gopinathan and Dr. A N Manoharan for field inspection and report.

7. SIA/KL/MIN/278677/2022 , 2100/EC1/2022/SEIAA

Environment clearance of the Proposed Granite Building Stone Quarry of Mr. Vinod S over an extent of 0.5946 Hectares at Block No.-25, Survey No. 314/1pt, 314/1-1pt, 314/1-2pt at Enadimangalam Village of Adoor Taluk, Pathanamthitta District, Kerala (Fresh Proposal)

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

8. SIA/KL/MIN/278920/2022 , 2091/EC6/2022/SEIAA

Environmental clearance for Granite Building Stone Quarry of Mr. Sajeer. K. T, over an area of 1.2008 Ha. Block No.61, Re.Survey No. 3/4, 3 in Trikkalangode Village, Ernad Taluk, Malappuram District, Kerala(Fresh Proposal)

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

9. SIA/KL/MIN/279495/2022 , 2115/EC3/2022/SEIAA

Building Stone Quarry of Mr. E.M. Madhu at Re-Sy:-324/1,318/7,318/1of Moonilavu Village, Meenachil Taluk, Kottayam, Kerala (Fresh Proposal)

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

10. SIA/KL/MIN/280530/2022 , 2088/EC3/2022/SEIAA

Granite Building Stone Quarry of "Sri. Tom George" over an extent of 2.0508 Ha at Sy No.: 80/5/B, 80/6 & 82/2/B, Palakuzha Village, Muvattupuzha Taluk, Ernakulam District, Kerala (Fresh Proposal)

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

11. SIA/KL/MIN/280927/2022 , 2102/EC3/2022/SEIAA

Environmental Clearance –Laterite Buliding Stone project at Edackattuvayal Village, Kanayannoor Taluk, Ernakulam District, Kerala for an area of Permit Area0.0971 hectares (Fresh Proposal)

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

12. SIA/KL/MIN/284471/2022 , 2112/EC1/2022/SEIAA

Environmental Clearance for the proposed Granite (Building Stone) Quarry of Sri.ASHWIN K J, Designated Partner , M/s Pridhvi Granites LLP, in Block No:29, Re-Survey Nos: 34/4, 34/5 in Kavassery -I Village, Alathur Taluk, Palakkad District, Kerala (Fresh Proposal)

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

13. SIA/KL/MIN/286829/2022 , 2103/EC2/2022/SEIAA

Environmental Clearance for the Proposed Granite (Building Stone) Quarry in Block No. 52, Re-Survey Nos. 385/1, 385/7, 385/8, 385/9, 385/10, 385/4 - 3, 385/14, 385/13, 385/15, 385/2, 385/2 -2, 385/16, 385/16-3, 385/12-2 of Mancode Village, Kottarakkara Taluk in Kollam District, Kerala(Fresh Application)

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

14. SIA/KL/MIN/291136/2022 , 2111/EC1/2022/SEIAA

Granite Building Stone Quarry of Mr. Jayesh Thomas situated at Survey Block No. 31, Re. Survey No.317/10, 317/11, 317/3, 317/12 in Vadasserikkara Village, Ranni Taluk, Pathanamthitta District, Kerala State for an area of 0.4120 H (Fresh Proposal)

Decision: The Committee examined the proposal and verified the details. Since the site is falling in the ESA Village, EC for quarry cannot be issued as per the direction issued by the MoEF CC dated 13.11.2013. **Therefore, the Committee decided to recommend to SEIAA to delist the proposal.**

15. SIA/KL/MIN/291267/2022 , 2116/EC3/2022/SEIAA

Building Stone Minor Mineral Mining (Quarry) project of Mr. Kurian Jose at Sy. Nos. 340/1AS/75/6/2, 340/1A/S/75/6/3/2, 340/1A/S/75/6/9, 340/1A/S/75/6/10, Kottappady Village, Kothamangalam Taluk, Ernakulam District, Kerala for an area of 4.0425 ha (Fresh Proposal)

Decision: The Committee examined the proposal and discussed the details and **decided to entrust Dr. Mahesh Mohan and Dr. K N Krishnakumar for field inspection and report.**

16. SIA/KL/MIN/60903/2019 , 2438/EC1/2019/SEIAA

Minor Mineral mining project of M/s Petra Crushers. is situated at Survey Nos. 59/1-1 & 86/4, Block No. 79, Village Koottikkal, Kanjirappally Taluk, Kottayam District, Kerala for an area of 1.5657 ha (28th Item of Physical Agenda)

Decision: The Committee examined the proposal and verified the details. Since the site is falling in the ESA Village, EC for quarry cannot be issued as per the direction issued by the MoEF CC dated 13.11.2013. **Therefore, the Committee decided to cancel the field**

inspection decided on the 126th meeting of the SEAC and also decided to recommend to SEIAA to delist the proposal.

17. SIA/KL/MIS/281995/2022 , 666/SEIAA/KL/5181/2014

Hospital cum Medical Campus Project owned by M/s Sree Anjaneya Medical Trust at Modakkalur, Kozhikode. (Violation Case-Old file No.666/SEIAA/KL/5181/2014)

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

18. SIA/KL/MIS/285493/2022 , 2074/EC1/2022/SEIAA

Environmental Clearance for the proposed expansion within the existing Hospital premises (“Ananthapuri Hospital & Research Institute”) by M/s Ananthapuri Hospitals Private Limited by Dr. A. Marthanda Pillai, Chairman & Managing Director, M/s Ananthapuri Hospitals Private Limited, in Pettah Village, Thiruvananthapuram Taluk, Thiruvananthapuram District (Fresh Proposal)

Decision: The committee deferred the item for detailed scrutiny in the next meeting.

19. SIA/KL/MIN/44488/2019, 1474/EC1/2019/SEIAA

Granite Building Stone Quarry of Sri. Nino K Thomas 2.0832 Ha. (5.1475 Acres) at Re-Survey Block No. 31, Re-survey. Nos. 394/2, 461/1 & 461/4, Vadasserikkara Village, Ranni Taluk, Pathanamthitta District, Kerala (Report of SEAC after hearing Project Proponent and Complainants)

Decision: The Committee discussed the directions of 114th meeting of the SEIAA and decided to hear the grievances of both the parties. The Committee also requested the Environmental Officer to examine the procedural aspects when the same person applies for EC for two quarries in the adjacent survey numbers as two applications, even if there is no cluster condition.

The 132th meeting of the SEAC held on 13-15 September, 2022, heard the authorized person of the proponent, Mr. Raju K Thomas, and the complainants Mrs. Manju Ann Thomas, Manoj Thomas, Linto M George and Adv. Muhammed Ansari in detail and asked for hearing

notes from both the parties in a week. The Committee also decided to prepare a report by considering the hearing notes and documents available in the file.

As per the hearing note and certified documents submitted by the proponent, it is observed that none of the lands in the possession of the complainants are part of proposed project site. However, the advocate on behalf of the complainants in the hearing note claims that the project site is part of a large parcel of land and it is difficult to demarcate the exact boundary of the land belonging to various parties. These issues are not coming under the purview of SEIAA/SEAC and as per the certified documents submitted by the proponent, the proposal can be considered for environmental clearance.

As per the note submitted by the environmental officer, though the survey nos. of both the proposed quarries are adjacent, the land is not contiguous. BP6 is the only boundary that shares common to the two proposed areas. In between the proposed areas, there is another land belongs to Sy. Nos. 458/4, 458/2, 458/8, 458/3, etc of Block No. 31 of the above said Village, which is under the ownership of Smt. Annamma Philip. Since the total area of the two proposed projects is less than 5 Ha there is no cluster situation. But as per the Judgment in Deepak kumar Vs State of Hariyana Judgment, the proponent can be asked to submit a comprehensive EMP for both the projects.

The Committee, however, observed that the proposed site falls in Vadasserikkara Village in Pathanamthitta, which is falling in the ESA Village, EC for quarry cannot be issued in an ESA village as per the direction issued by the MoEF CC dated 13.11.2013. **Therefore, the Committee decided to recommend to SEIAA to delist the proposal.**

20. SIA/KL/MIN/132322/2019, 1635/EC1/2020/SEIAA

Granite Building Stone Quarry of Shri. Nino K Thomas" over an extent of 2.7213 Ha. (6.7243 Acres) at Re-Survey Block No. 31, Re-survey. Nos. 457/1, 457/2, 457/3, 457/4, 457/4-1, 457/5, 457/6 & 457/7, Vadasserikkara Village, Ranni Taluk, Pathanamthitta District, Kerala (Report of SEAC after hearing Project Proponent and Complainants).

Decision: The Committee examined the proposal and verified the details. Since the site is falling in the ESA Village, EC for quarry cannot be issued as per the direction issued by the MoEF&CC dated 13.11.2013. **Therefore, the Committee decided to recommend to SEIAA to delist the proposal.**

21. SIA/KL/MIN/250609/2022, 2015/EC4/2022/SEIAA

Environment Clearance for the Proposed Granite Building Stone Quarry of M/s Super Stone Crusher at Un. Sy.No. 1452 (Pt) and 1453(pt) (Not final) of Koodaranji Village, Thamarassery Taluk, Kozhikode District of Kerala for an extent of 1.1915 Ha. (Presentation).

Decision: As invited, the Proponent, Sri. Abdul Latheef and the authorized RQP Sri. V K Roy with authorization letter were present. RQP made the presentation. The Committee observed that the proposed area is in a moderate hazard zone near to a high hazard zone. The slope of the northern side of the project area is very steep. The Committee noted that the EMP need revision with spot-specific mitigation and management measures along with adequate budget provision. The CER plan also need revision incorporating monitorable physical targets in consultation with stakeholder. Based on discussions, the **Committee decided to entrust Dr. A.N. Manoharan and Dr. C C Harilal for field inspection and report.**

PART 6

CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE

1. SIA/KL/MIN/136866/2020 , 1719/EC3/2020/SEIAA

Environment Clearance for mining permit of Granite Building Stone Quarry of M/s. Kadanadu Granites over an extent of 0.7452 Ha.(1.8413 Acres) in Block No. 30, Re-Sy. Nos. 327, 1-1 & 327/1-1-1, Kadanadu Village, Meenachil Taluk, Kottayam District, Kerala.

Decision: The committee examined the proposals and discussed the details pertaining to the proposal. It is observed that that proposed site is located in a very steep slope on the mid slope region and the area falls in medium hazard zone. **Considering the severity land fragility of the area where the site is located, the Committee decided to recommend to SEIAA to reject the application based on precautionary principle.**

The meeting ended at 5.30pm on 11th November 2022.

It is decided to convene the next meeting of SEAC from 7th to 9th December, 2022.

Suneel Pamidi, IFS

Secretary, SEAC

Dr.Ajayakumar Varma

Chairman, SEAC

Sl.No.	Name	09.11.2022	10.11.2022	11.11.2022
1.	Shri. Sheik Hyder Hussain	X	✓	✓
2.	Dr.A.Bijukumar.	X	X	X
3.	Dr.A.N.Manoharan	✓	✓	✓
4.	Shri. M.Dileepkumar	✓	✓	✓
5.	Smt. Beena Govindan	✓	✓	✓
6.	Dr.C.C.Harilal	✓	✓	✓
7.	Dr.K.VasudevanPillai	✓	✓	✓
8.	Dr.MaheshMohan	✓	✓	✓
9.	Dr.K.N.Krishna kumar	X	X	X
10.	V.Gopinathan	✓	✓	✓
11.	Dr.A.V.Raghu	✓	✓	X
12.	Dr.N.Ajithkumar	✓	✓	✓
13.	Shri.SuneelPamidi,IFS (Secretary)	X	X	X
14.	Dr.R.Ajayakumar Varma (Chairman)	✓	✓	✓