

**MINUTES OF THE 150<sup>TH</sup> MEETING OF THE SEAC, KERALA  
HELD FROM 07<sup>th</sup> to 08<sup>th</sup> SEPTEMBER, 2023, IN THE  
CONFERENCE HALL, STATE ENVIRONMENT IMPACT  
ASSESSMENT AUTHORITY, KERALA**

**PHYSICAL FILES**

**150.01        Noting of minutes of the 149<sup>th</sup> SEAC meeting held on 21<sup>ST</sup> & 22<sup>nd</sup> August 2023.**

**Decision:**        The Committee noted the minutes and decided to confirm the minutes with the following corrections in the decisions of the 149<sup>th</sup> meeting of the SEAC.

**1. Part. 1 Item No. 13: SIA/KL/MIN/278920/2022; 2091/EC6/2022/SEIAA: Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Sajeer K.T for an area of 1.2008 Ha. at Re-Survey No. 3/4, 3 in Trikkalangode Village, Ernad Taluk, Malappuram. (ADS Received)**

**Decision:** The Committee verified the documents submitted by the project proponent. The Committee observed that the presentation for the project was done in the 146<sup>th</sup> meeting. The Committee noted that the mineable reserve is 5,01,090 MT and the mine life is 12 years. The Project cost is Rs. 2,00,00,000. The highest and lowest elevations are 140m and 90m respectively. The field visit was done on 25.03.2023. The Committee decided to defer the item for the next meeting for detailed evaluation and final decision.

**Part. 1 Item No. 17: SIA/KL/MIN/72951/2022, 1590/EC1/2019/SEIAA: Granite Building Stone Quarry Project of Sri. Eldho Issac over an extent of 4.7023 Ha in Survey. No. 208/1 of Alanallur- III Village, Mannarkkad Taluk, Palakkad District (ADS Received)**

**Decision:** The Committee noted that the Proponent uploaded the additional document sought on 3.8.2023 which consists of 428 pages and needs detailed evaluation. It is also noted that the project proponent has not uploaded the final EIA report including all the mitigation measures incorporated after the public hearing in the Parivesh portal. Therefore, the Committee decided to direct the Proponent to upload the final EIA report and entrust Smt. Beena Govindan for a detailed evaluation of the additional documents submitted by the project proponent.

**150.02 Environmental Clearance issued for the Granite Building Stone Quarry of Sri. C. H. Sakkariya, President Mannarkkad Taluk Karinkal Quarry Operators Vyavasaya Sahakarana Sangam at Re - Survey No. 347/3 in Thachanattukara -I Village, Mannarkkad Taluk, Palakkad, Kerala- Judgement dated 06.07.2023 in WP(C) No.21867 of 2023 filed by Sri. Abdul Shukoor (SIA/KL/MIN/211090/2021, 1949/EC1/2022/SEIAA) (Decision of 131st SEIAA)**

**Decision:** The Committee noted the direction of SEIAA in its 131<sup>st</sup> meeting to hear the project proponent and the petitioner as per the judgment in WP(C ) No.21867 of 2023 filed by Sri. Abdul Shukoor. As invited, the proponent Sri. C H Sakkariya, the RQP, Sri. V.K. Roy and the complainants Sri. Abdul Shukoor & Sri. Joby Joseph attended the hearing. The complainant intimated that the quarry projects in the proposed area caused damage to his house situated 237m from the project area. He also pointed out that there are 4 quarries within 500m radius and hence there is a cluster situation. The plying of lorries even at midnight affects the sleep cycle of the inhabitants. Besides, it caused a lot of dust pollution. The petitioner submitted a hearing note. The project proponent intimated that the project has been accorded Environmental Clearance, Consent to Operate, D & O Certificate, and the Panchayat License. However, the project is yet to be started due to the delay in getting the permit/lease from the Mining and Geology department. The Committee after hearing both parties decided the following:

1. The project proponent is to submit a detailed hearing note with all supporting documents if any, including the remarks on the complaint within 15 days from the date of receipt of the complaint.
2. A copy of the complaint submitted by the complainant shall be forwarded to the project proponent from the SEIAA Secretariat without delay.

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

**Decision:** The Committee verified the documents submitted by the project proponent. The project proponent, in his reply, mentioned that he had submitted two mining plans of which one was wrong. He further intimated that by mistake he placed the boundary pillar according to the wrong mining plan which caused the mismatch of geo-coordinates provided in the approved mine plan and that on the boundary pillars and now it is corrected. The Committee noted that the statement submitted by the project proponent regarding the boundary pillar is not with the

approval of Mining & Geology. Therefore the Committee decided to direct the Project Proponent to submit the following additional details/documents:

1. Clarification on having two mining plans for the proposed area, whether both the mining plans are approved by the Mining & Geology Department and reasons for the statement of the Proponent that one mining plan is wrong
2. Mining plan with the approval of the Department of Mining & Geology proposed to be considered for environmental clearance.
3. Geotagged photographs of each of the boundary pillar
4. Detailed drainage plan to avoid accumulation of water in the proposed trench.
5. Affidavit stating that he will comply with the condition stipulated in the GO (P) No. 59/2015/Trans dt. 29.9.2015 that goods vehicle having loading capacity of more than 10 tons is prohibited in roads with width less than 8m.

**150.04                      Revalidation of Environmental Clearance for the Building Stone Quarry Project at, Re-Survey Nos. 76/8, 77/1, 77/2, 78/6, 97/1, 97/2 at Mancode Village, Kottarakkara Taluk, Kollam District, Kerala by Sri. Arun Varghese, Managing Partner, M/s Tasna Mines (File. No. 1201/EC2/ 2018/ SEIAA)**

**Decision:** The Committee examined the hearing note and the documents submitted by the project proponent. As per the judgement of the Hon. NGT, the SEIAA was directed to refer the matter to SEAC to consider the question of validity of the environmental clearance period, the quantum of mining that can be carried out applying the 'Precautionary Principle' the terrain of the area and the availability of mining articles and impact of mining on environment and then take appropriate decision in this regard and make appropriate recommendation to SEIAA. Accordingly, SEAC examined the matter based on the report of field inspection conducted on 18.2.2023, Certified Compliance Report of the Integrated Regional Office of the MoEF & CC, Bangalore submitted on 7.6.2023, Report of the Mining & Geology Department dated 17.8.2023 regarding the balance quantity of mineable reserve available, Hearing note submitted on 19.8.2023 and other supporting documents. The State Pollution Control Board estimated the environmental compensation as Rs.30,62,899/- and it is reported that the amount is paid on 23.5.2023. The Project Proponent has submitted that he will maintain an additional buffer area of 1.5 Ha in the northwest portion and 5 Ha in the south side of the lease area and develop dense vegetation cover as a protection barrier to prevent impacts. The Proponent has also agreed to develop proper drainage system, overburden-top soil storage area, protection of the northern boundary and compensatory afforestation in 0.7 Ha and constituted Environmental Management Cell, submitted plan for Corporate Environment Responsibility with a budget of Rs.10 lakh and Environmental Management Plan with a budget of 16.45 lakh for 7 years. Based on detailed discussions, the Committee decided to recommend that 16,36,494 MT of granite building stone can be mined for a period of 7 years from the proposed area by applying the precautionary

principle as per the field conditions and report of the Mining & Geology Department dated 17.08.2023 subject to the following conditions:

- 1) Dense vegetation cover should be developed with native species of trees, plants and climbers in the additional buffer area of 1.5 ha in north west and 5 ha in south side outside of the lease area as agreed and the Proponent should submit a sworn affidavit to this effect and stating that the entire planting will be completed within one year.
- 2) The green-belt developed in the buffer should be completed prior to the commencement of mining using native species of trees, plants and climbers.
- 3) Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road prior to commencement of mining.
- 4) Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain should be provided prior to the commencement of mining.
- 5) Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration
- 6) The impact of vibration due to blasting on the houses and other built structures within 500m distance from the project boundary should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.
- 7) Garland drain, silt-traps, siltation ponds and outflow channel should be desilted periodically and geo-tagged photographs of the process should be included in the half yearly compliance report (HYCR).
- 8) Drainage water should be monitored at different seasons by an NABL accredited lab and clear water should only be discharged into the natural stream. Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.
- 9) Geotagged photographs of the progress of compensatory afforestation should be submitted along with HYCR
- 10) Overburden and top soil should be stored at the designed place and gabion wall should be provided for the topsoil and overburden storage sites
- 11) CER Plan should be implemented within the first 2 years and it should be operated and maintained till the mine closure plan is implemented.
- 12) 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).
- 13) Adequate sanitation, waste management and restroom facilities should be provided to the workers.
- 14) Adequate energy conservation measures should be implemented including solar power installations. At least 40% of the energy requirement shall be met from the solar power
- 15) Adequate facilities should be adopted to harvest the rainwater as per the guidelines issued by the Central Ground Water Authority.

- 16) 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.
- 17) The Project Proponent agreed to correct the short supply of material to Adani Port as per agreement during the subsequent phase of mining, a sworn affidavit to this effect should be submitted.
- 18) The bench correction and other corrective measures as agreed by the Project proponent as per the documents received on 19.08.2023 should be carried out prior to the commencement of mining.
- 19) The project proponent should submit a compliance report within 3 months, which will be verified in the field by the sub committee of SEAC.

As per the Letter dated 21.02.2023 of the Director, Mining & Geology, the quantity of excess mining was 41167.5 MT, based on which KSPCB assessed the environment compensation amount as Rs.30,62,899/-. However, as per Letter No.2879/DOQ/S2/2018 dated.17.08.2023 of the District Geologist, Department of Mining & Geology, Kollam, the quantity of excess mining is 45175.5 MT. Thus the quantity of mineable reserve remaining as on 17.08.2023 is 1636494.5 MT. Since the environment compensation was calculated for 41167.5 MT, the difference in the excess quantity of 4008 MT may be intimated to the Pollution Control Board.

**150.05                      Environmental Clearance for the building stone quarry project of Sri. Azad M.M, Managing Partner, M/s. Malabar Bricks & Metals at Survey Nos. 51/3 (p), 53/1 (p), 53/2 (p), 54/3 (p), 54/4 and 54/5 in Urangattiri Village, Ernad Taluk, Malappuram, Kerala – Judgment dated 03.08.2021 in WP(C) No.15431 of 2021 - Revalidation of EC (File No.437/SEIAA/EC1/2997/2014)**

**Decision:** The Committee examined the CCR dated 31.12.2021 received from the IRO, MoEFCC, Bangalore, and other documents submitted by the proponent, and discussed the field inspection report conducted on 28.06.2022. The documents submitted are found satisfactory. As per the certificate from the Mining and Geology Department dated 5.06.2023, there is a balance quantity of 926653 MT in the first lease area and 875608 MT in the second lease area. The EC was originally issued on 18.11.2015 for an area of 7.6353 ha. Further, the project proponent submitted two Mining Plans for an area of 4.8522 ha and 2.3978 ha. Now the project proponent submitted a Letter from the Mining & Geology Department regarding the quantity extracted and the balance quantity to be extracted, which is found feasible subject to the quantity assessed by the Mining & Geology Department. **The Committee observed that revalidation is feasible for the balance quantity of building stones as assessed by the Mining and Geology Department. However, the proponent has to submit an application in Parivesh portal to comply with the decision of the 127<sup>th</sup> meeting of SEIAA. Besides, the Committee also noted that the project**

area is more than 5 ha and as per the earlier decision of SEIAA, the project proponent has to submit ToR application for carrying out EIA study. Therefore, the SEIAA may direct the project proponent accordingly. It is also desirable that the Proponent prepare a revised mining plan for the entire project area proposed and obtain approval of the Mining & Geology Department.

**150.06 Environmental Clearance for the quarry project of Sri. O Muhammed Shareef, M/s Port Land Granites Pvt. Ltd for an area of 5.8528 Ha at Sy.Nos.169/4, 169/1, 169/2, 169/3, 168/13, 168/2, 168/3, 171/8, 171/8, 171/8 & 171/3 in Pulikkal Village, Kondotty Taluk, Malappuram - Revalidation of EC (File No.1071/EC1/2016/SEIAA)**

**Decision:** The Committee verified the documents submitted by the project proponent and found them satisfactory. The EC was issued from SEIAA on 17.03.2018. The Committee noted the CCR received from the IRO, MoEFCC, Bangalore, documents submitted by the project proponent, and discussed the field inspection report conducted on 03.02.2023. Based on discussions, the Committee found that revalidation is feasible for a mine life of 11 years from the date of the original EC i.e, 17.03.2018. The Committee observed that the Authority in its 127<sup>th</sup> meeting directed to process the revalidation proposal only through Parivesh portal and hence **decided to direct the proponent to submit the application in Parivesh portal along with documents including all the ADS, CCR from MoEF&CC, HYCRs, etc.**

**150.07 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, Kanathil Parambil, Moolakayam, Parappa, Kasargod, Pramod.K, Parappa, Kasargod, Sudhakaran. M, Edavil Veedu, Parappa, Kasargod and U.V.Mohammed Kunhi, Valappil Kammadath, Parappa, Kasargod (1992/EC2/2020/SEIAA)- Cancellation of EC issued to Sri. C. Narayanan, M/s CEEYEN Stone Crusher.**

**Decision:** The Committee perused and noted the item.

**150.08**      **Legal opinion in WP (C) No: 17384/2017 and Civil Appeal Nos. 7699-7700 of 2019 (Arising out of SLP (C) No. 7792-7793 of 2019)- regarding the issuance of permits/leases in the plantation.**  
**(File No: 964/EC3/2023/SEIAA)**

**Decision:**      The Committee perused the item and noted the legal opinion received from the Advocate General and the Circular (No. REV-A2/18/2022-REV dated 06.10.2022) based on the judgment in WP(C) Nos. 11249/2010 dated 25.05.2022.

## **PARIVESH FILES**

### **PART – 1**

#### **CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE**

**1. SIA/KL/INFRA2/404063/2022, 2133/EC6/2022/SEIAA**

**Environmental Clearance for the proposed expansion of existing MES Medical College & Hospital to be developed by M/s The Muslim Educational Society at Sy. Nos. 147, 147/3, 147/4, 148/1-3, 148/1-4, 148/2, 148/2-1, 148/3-7, 148/3-8, 148/3-9 in Angadippuram Village and Sy. Nos. 19/3-1, 21/2-15, 21/2-16, 21/2-18, 21/3-5, 21/4-4, 21/4-6, 21/5-1, 21/5-2, 21/6-3, 21/6-4, 29/14-2, 2-/17-8, 32, /4-2, 33/14-1, 33/7-2, 33/8-1 in Puzhakkattiri Village, Malaparamba, Perinthalmanna. Malappuram.**

**Decision:**      The Committee verified the additional documents submitted by the project proponent as per the direction of the 144<sup>th</sup> SEAC meeting. **The Committee decided to direct the proponent to submit the following documents as part of CER;**

- 1) Revised CER with authenticated details of the type/nature of medical assistance extended to the patients with no bill facilities.
- 2) Number of expected beneficiaries.
- 3) Overall expenditure proposed to be incurred for providing the facility.
- 4) Modus Operandi for extending such no-bill facilities by the hospital.

**2. SIA/KL/INFRA2/404656/2022, 2140/EC1/2022/SEIAA**

**Environmental Clearance for the Proposed City Side Developmental Project of M/s Adani Airport Holdings Limited at Survey Nos. 425 part, 429 part and 431 part in Pettah Village, Thiruvananthapuram Municipal Corporation, Kerala.**

**Decision:** The Committee in its 147<sup>th</sup> meeting examined the CER proposal for Rs. 71 lacs towards waste management by the installation of a Rendering plant at the Sewage Treatment

Plant at Muttathara. The Committee agreed to the requirement of such projects but observed that the plan is incomplete as the technical details of the proposal, its implementation plan and requirement of capital and recurring cost etc. are not provided in detail. Also no stakeholder consultation seems to have been conducted. The site proposed is Muttathara Sewage Treatment Plant, but NOC of the KWA and Thiruvananthapuram Corporation is not provided. It is also desirable to examine the suitability of the location for installation of such a plant considering the fact that the proposed site falls in the flight landing corridor of the airport. Hence, Committee decided to direct the proponent to submit a detailed CER plan as per norms and considering the above observations. Now the Committee examined the CER plan submitted on 21.07.2023 and observed that the same is incomplete and the Project Proponent has not submitted all the details as sought by SEAC in its 147<sup>th</sup> meeting. **So the Committee once again directed the project proponent to submit the required documents as sought by SEAC in its 147<sup>th</sup> meeting.**

**3. SIA/KL/MIN/146308/2020, 1611/EC1/2020/SEIAA**

**Environmental Clearance for Granite Building Stone Quarry Project, M/S Star Metals at Block No.12, Re Sy No 512/3 in Kollengode-2 Village, Chittur Taluk, Palakkad.**

**Decision:** The Committee verified the additional documents submitted by the project proponent and found them mostly satisfactory. Field inspection was conducted on 13.04.2021. **The Committee decided to invite the project proponent for a presentation.**

**4. SIA/KL/MIN/159437/2020; 1766/EC6/2020/SEIAA**

**Application for Environmental Clearance for the Granite building stone quarry project by Shri. Mohammed Nishad P.P for an area of 1.7283 Ha at Sy No-1012/99, 1012/98, 1012/81 in Melmuri Village, Ernad Taluk, Malappuram, Kerala**

**Decision :** The Committee verified the additional documents submitted by the project proponent and observed the following shortcomings:

- 1) The landslide hazard potential study is not conclusive.
- 2) The traffic management plan has not considered the vehicular movement to the local tourist destination namely Mini Ooty, the implications of a large number of hair-pin bends and the gradient of the road.
- 3) Map of the micro-watershed in which the quarry is located and the distribution of population and built structures in the micro-watershed up to the downstream area.

**Hence the Committee decided to direct the project proponent to submit the above documents.**



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

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

**Decision :** The Committee verified the additional documents submitted by the project proponent and noticed that as per the Cluster Certificate dated 13.07.2023, there is another quarry of Sri. M. M. Thomas having an area of 5.1625 Ha within 500 m radius which is having a valid lease up to 2029. The EC for the said quarry was issued from SEIAA on 29.12.2017 for a period of 5 years and there is a cluster condition. **Hence, the Committee directed the project proponent to submit ToR application through the Parivesh portal.**

**6. SIA/KL/MIN/214224/2021, 1900/EC4/2021/SEIAA**

**Environment Clearance for the Granite Building Stone Quarry, M/s. Irikkur Rocks Products Private Limited, for an area of 4.8404 Ha. at Block No. 83, Re-Sy. No. 4, in Eruvessy Village, Thaliparamba Taluk, Kannur.**

**Decision:** The Committee verified the additional documents submitted by the project proponent and observed the following;

- 1) All the additional details sought are not found submitted.
- 2) CER as per the OM No F.No.22-65/2017-IA.III dated 30th September 2020 as detailed in the guideline for preparation and implementation of CER proposal uploaded in the website of the SEIAA-Kerala.
- 3) The site is located in a very steep terrain without any well developed haulage road. Though a Road development plan was sought for, the Proponent submitted only a sketch from which the feasibility of the road development in the steep terrain cannot be assessed.
- 4) The land hazard vulnerability assessment study submitted is inconclusive and there is no proposal submitted to implement the recommendations.
- 5) Details provided against the ToR 27, 28 and 34 are not satisfactory.
- 6) The hydrological aspects are not provided in detail.
- 7) The distance to the Brahmagiri wildlife sanctuary is given in the application as 9.5km. The notification of the MoEF & CC vide SO 170(E) dated 26.5.2017 states that the total geographical area of Eco-sensitive Zone is 136.60 square kilometers (excluding enclosures) with an extent varying from 1 to 15 kilometres around the boundary of Brahmagiri Wildlife Sanctuary. Therefore, it is not clear whether the proposed site fall within the ESZ or not.
- 8) The conceptual post mining land use is not provided as envisaged in the ToR 34

- 9) The comprehensive EMP is not adequately detailed considering the terrain vulnerability of the site and the recommendations of the land hazard vulnerability assessment.

The Committee heard the presentation in its 135<sup>th</sup> meeting and the field inspection was carried out on 02.01.2023. The Committee discussed the various aspects in detail and decided that the site is not feasible for mining due to terrain vulnerability, high hazard potential, and lack of feasibility of haulage road. **Therefore the Committee decided to direct the project proponent to provide any other additional submissions to avoid the rejection of the proposal.**

#### **7. 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 (FIR Received)**

**Decision:** The Committee verified the documents submitted by the proponent. The depth to water table provided is found to be and the Committee decided to consider the depth to water table given in the application form as verified in the field. The Committee observed that the proposal is to extract granite building stone and total mineable reserve is 11,00,345 MT (1,10,000 MTA) and the mine life is 10 years. The Project cost is 1.95 Cr. The maximum and minimum elevation before mining is 90m and 70m and after mining is 87m and 45m AMSL and the depth to the water table is 18m below ground level as per the application. The Committee heard the presentation in its 148<sup>th</sup> meeting and field inspection was carried out on 13.5.2023. Based on discussions, **the Committee decided to recommend EC for mine life of 10 years subject to the following Specific Conditions in addition to the General Conditions:**

1. The mining should be limited to a maximum depth of 55m above MSL instead of 45m above MSL considering the depth to water table.
2. The green-belt should be developed prior to the commencement of mining. Choice of the species should be based on criteria such as (i) native trees; (ii) thick foliage; (iii) fruit bearing that would attract birds and, (iv) otherwise valuable with medicinal or soil fertility enhancer etc.
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. Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration
5. The impact of vibration due to blasting on the houses and other built structures within 500m distance from the project boundary should be monitored in terms of Peak Particle

Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.

6. 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).
7. Drainage water should be monitored at different seasons by an NABL accredited lab and clear water should only be discharged into the natural stream. Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.
8. Geotagged photographs of the progress of compensatory afforestation should be submitted along with HYCR
9. Overburden should be stored at the designed place and gabion wall should be provided for the topsoil and overburden storage sites
10. 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 restroom facilities should be provided to the workers.
13. Adequate energy conservation measures should be implemented including solar power installations. At least 40% of the energy requirement shall be met from the solar power
14. Adequate facilities should be adopted to harvest the rainwater as per the guidelines issued by the Central Ground Water Authority.
15. 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.
16. Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.

**8. SIA/KL/MIN/275123/2022, 2037/EC1/2022/SEIAA**

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

**Decision:** The Committee verified the documents submitted by the project proponent and found them satisfactory. The total mineable reserve is 1,99,875 MT (40,000 MTA) and the mine life is 5 years. The Peppara Wildlife Sanctuary is at 17.15 km. The presentation was done in the 134<sup>th</sup> SEAC meeting. The field inspection was conducted on 08.01.2023. Based on discussions, **the Committee decided to recommend EC for the mine life of 5 years subject to the following Specific Conditions in addition to the General Conditions:**

1. The green-belt should be developed prior to the commencement of mining. Choice of the species should be based on criteria such as (i) native trees; (ii) thick foliage; (iii) fruit bearing that would attract birds and, (iv) otherwise valuable with medicinal or soil fertility enhancer etc.
2. 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.
3. Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration
4. The impact of vibration due to blasting on the houses and other built structures within 500m distance from the project boundary should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.
5. 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).
6. Drainage water should be monitored at different seasons by an NABL accredited lab and clear water should only be discharged into the natural stream. Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.
7. Geotagged photographs of the progress of compensatory afforestation should be submitted along with HYCR
8. Overburden should be stored at the designed place and gabion wall should be provided for the topsoil and overburden storage sites
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.
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. Adequate sanitation, waste management and restroom facilities should be provided to the workers.
12. Adequate energy conservation measures should be implemented including solar power installations. At least 40% of the energy requirement shall be met from the solar power
13. Adequate facilities should be adopted to harvest the rainwater as per the guidelines issued by the Central Ground Water Authority.
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. Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.

**9. SIA/KL/MIN/275539/2022, 2068/EC2/2022/SEIAA**

**Environmental Clearance for the proposed Granite (Building Stone) Quarry at 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 in Velinellur Village, Kottarakkara Taluk, Kollam, Kerala.**

**Decision:** The Committee verified the additional documents submitted by the project proponent and observed that the revised survey map incorporating all the built structures within 200m radius is not provided. **Therefore the Committee decided to direct the project proponent to submit the same.**

**10. SIA/KL/MIN/286387/2022, 2077/EC4/2022/SEIAA**

**Environmental Clearance for the Laterite building stone quarry of Sri. Kunhi Mohammed at Re-Survey No-1/41(1/1B2) in Poolakode Village, Kozhikode Taluk, Kozhikode for an area of 0.3884 Ha**

**Decision :** The Committee verified the additional documents submitted by the project proponent and found them satisfactory. The total mineable reserve is 40782 MT and annual production is 20391 MT. The life of mine is 3 years. The nearest built structure is at 62.61m. The project cost is 22 lakhs. The presentation was done in the 134<sup>th</sup> SEAC meeting and the field inspection was carried out on 06.02.2023. Based on discussions, **the Committee decided to recommend EC for the mine life of 3 years subject to the following Specific Conditions in addition to the General Conditions:**

1. The excavation activity should not involve blasting.
2. The excavation activity should be restricted to 2m above the groundwater table at the site.
3. The excavation activity should not alter the natural drainage pattern of the area
4. The excavated pit should be restored by the project proponent for agriculture and other useful purposes.
5. Appropriate fencing all around the excavated pit should be made to prevent any mishap.
6. Measures should be taken to prevent dust emissions by covering excavated earth during transportation.
7. Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to the excavation of earth.
8. Workers/labourers should be provided with facilities for drinking water and sanitation.
9. A berm should be left from the boundary of adjoining field having a width equal to at least half the depth of the proposed excavation.
10. A minimum distance of 50m from any civil structure should be kept from the periphery of the project area.

11. 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.
12. 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.
13. The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.
14. Measures incorporated in the CER should be implemented within 6 months from the date of EC.
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)

#### **11. 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, Kerala.**

**Decision :** The Committee verified the additional documents submitted by the project proponent and found them satisfactory. The total mineable reserve is 3,10,040 MT (62,000TPA) and mine life is 5 years. The nearest house is reported at 201.6m. A crusher unit located at a distance of 40m seems to have been demolished. The project area do not fall in the landslide hazard zone. The nearest wildlife sanctuary is reported to be beyond 10km. The Project cost is 1 Cr. The Committee heard the presentation in its 136<sup>th</sup> meeting and the field inspection was conducted on 13.05.2023. Based on discussions, **the Committee decided to recommend EC for the mine life of 5 years subject to the following Specific Conditions in addition to the General Conditions:**

1. The green-belt should be developed prior to the commencement of mining. Choice of the species should be based on criteria such as (i) native trees; (ii) thick foliage; (iii) fruit bearing that would attract birds and, (iv) otherwise valuable with medicinal or soil fertility enhancer etc.
2. 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.
3. Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration
4. The impact of vibration due to blasting on the houses and other built structures within 500m distance from the project boundary should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.

5. 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).
6. Drainage water should be monitored at different seasons by an NABL accredited lab and clear water should only be discharged into the natural stream. Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.
7. Geotagged photographs of the progress of compensatory afforestation should be submitted along with HYCR
8. Overburden should be stored at the designed place and gabbion wall should be provided for the topsoil and overburden storage sites
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.
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. Adequate sanitation, waste management and rest room facilities should be provided to the workers.
12. Adequate energy conservation measures should be implemented including solar power installations. At least 40% of the energy requirement shall be met from the solar power
13. Adequate facilities should be adopted to harvest the rainwater as per the guidelines issued by the Central Ground water Authority.
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. Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.

## **12. SIA/KL/MIN/404411/2022 , 2148/EC1/2022/SEIAA**

**Granite Building Stone Quarry of M/S Kottukappilly Sand & Metals Pvt. Ltd. for an area of 2.1004 Ha at Re-Survey Block No. 39, Re-Survey Nos. 8/4, 8/5, 7/6, 8/10, 7/1 of Kizhakkanchery II Village, Alathur Taluk, Palakka.**

**Decision :** The Committee verified the additional documents submitted by the project proponent and found them satisfactory. The total mineable reserve is 685183 MT (57098.5625MTA) and the life of mine is 12 years. The nearest house is at 145.5m. The distance to Peechi Vazhani Wildlife Sanctuary is 4.6km. The Project cost is 2.1 Cr. The presentation was done in the 146<sup>th</sup> SEAC meeting and the field inspection was carried out on 28.02.2023. Based on discussions, **the Committee decided to recommend EC for the mine life of 12 years subject to the following Specific Conditions in addition to the General Conditions:**

1. The project proponent should obtain the mandatory wildlife clearance from the SCNBWL prior to the commencement of mining as per the direction of the Hon'ble Supreme Court.
2. A buffer distance of 50m should be maintained between the project boundary and built structures.
3. The depth of mining should be limited to 75m above MSL considering the depth to water table.
4. The green-belt should be developed prior to the commencement of mining. Choice of the species should be based on criteria such as (i) native trees; (ii) thick foliage; (iii) fruit bearing that would attract birds and, (iv) otherwise valuable with medicinal or soil fertility enhancer etc.
5. Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain should be provided prior to the commencement of mining.
6. The impact of vibration due to blasting on the houses and other built structures within 500m distance from the project boundary should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.
7. Garland drain, silt-traps, siltation ponds and outflow channel should be desilted periodically and geo-tagged photographs of the process should be included in the half yearly compliance report (HYCR).
8. Drainage water should be monitored at different seasons by an NABL-accredited lab and clear water should only be discharged into the natural stream. Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.
9. Geotagged photographs of the progress of compensatory afforestation should be submitted along with HYCR
10. Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration
11. Overburden should be stored at the designed place and gabbion wall should be provided for the topsoil and overburden storage sites
12. CER Plan should be implemented within the first 2 years and it should be operated and maintained till the mine closure plan is implemented.
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. At least 40% of the energy requirement shall be met from the solar power
16. Adequate facilities should be adopted to harvest the rainwater as per the guidelines issued by the Central Ground water Authority.



17. Environment Management Cell (EMC) should include one subject expert in environment management. The proceedings of the monthly meeting of the EMC should be submitted along with the HYCR.
18. Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.
19. A protection wall should be constructed between the proposed site and the adjacent abandoned quarry.

**13. SIA/KL/MIN/410423/2022, 2194/EC4/2023/SEIAA**

**Environmental Clearance for the Laterite Building Stone Quarry of Sri. Ramachandran M K, for an area of 0.1942 hectare in Block No. 38, Re-Survey No: 16/126 of Perinthatta Village, Payyanur Taluk, Kannur**

**Decision :** The Committee verified the additional documents submitted by the project proponent and found them satisfactory. The annual production is 16,992.5 MT. The life of mine is one year. As per the application, the project cost is 4 lakhs and the Talakaveri Wildlife Sanctuary is at 21 km. The hazard Zone is at 9.70 km and medium hazard zone is at 3.15km. The Committee heard the presentation in its 144<sup>th</sup> meeting. Based on discussions, **the Committee decided to recommend EC for the mine life of 1 year subject to the following Specific Conditions in addition to the General Conditions;**

1. The excavation activity should not involve blasting.
2. The excavation activity should be restricted to 2m above the groundwater table at the site.
3. The excavation activity should not alter the natural drainage pattern of the area
4. The excavated pit should be restored by the project proponent for agriculture and such other useful purpose.
5. Appropriate fencing all around the excavated pit should be made to prevent any mishap.
6. Measures should be taken to prevent dust emissions by covering excavated earth during transportation.
7. Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to the excavation of earth.
8. Workers/labourers should be provided with facilities for drinking water and sanitation.
9. A berm should be left from the boundary of adjoining field having a width equal to at least half the depth of the proposed excavation.
10. A minimum distance of 50m from any civil structure should be kept from the periphery of the project area.
11. 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.
12. 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.

13. The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.
14. Measures incorporated in the CER should be implemented within 6 months from the date of EC.
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)

**14. SIA/KL/MIN/411438/2022, 2189/EC1/2023/SEIAA**

**Granite Building Stone Quarry of Sri. K Anil Kumar for an area of 1.2210 Ha at Block No. 32, Re-Survey Nos: 188/1pt (government land), 188/3 (private land) in Koodal Village, Konni Taluk, Pathanamthitta**

**Decision :** The Committee verified the additional documents submitted by the project proponent and found them satisfactory. The total mineable reserve is 336745 MT (67250 MTA) and the mine life is 5 years. The project cost is 1.2 crore. The proposed area does not fall in landslide hazard zones. The Shendurney Wildlife Sanctuary is at 28.10 km. The field inspection was conducted on 06.05.2023. The presentation was done in the 148<sup>th</sup> SEAC meeting. **Based on detailed discussion, the Committee decided to recommend EC for the mine life of 5 years subject to the following Specific Conditions in addition to the General Conditions;**

1. Compensatory afforestation has to be initiated prior to the commencement of mining and geotagged photographs of the progress of compensatory afforestation should be submitted along with HYCR
2. The haulage road should be surfaced appropriately prior to the commencement of mining so as to avoid dust.
3. The green-belt should be developed prior to the commencement of mining. Choice of the species should be based on criteria such as (i) native trees; (ii) thick foliage; (iii) fruit bearing that would attract birds and, (iv) otherwise valuable with medicinal or soil fertility enhancer etc.
4. Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain should be provided prior to the commencement of mining.
5. Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration
6. The impact of vibration due to blasting on the houses and other built structures within 500m distance from the project boundary should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.

7. Garland drain, silt-traps, siltation ponds and outflow channel should be desilted periodically and geo-tagged photographs of the process should be included in the half-yearly compliance report (HYCR).
8. Drainage water should be monitored at different seasons by an NABL-accredited lab and clear water should only be discharged into the natural stream. Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.
9. Overburden should be stored at the designed place and gabbion wall should be provided for the topsoil and overburden storage sites
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 should be implemented including solar power installations. At least 40% of the energy requirement shall be met from the solar power
14. Adequate facilities should be adopted to harvest the rainwater as per the guidelines issued by the Central Ground water Authority.
15. 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.
16. Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.

**15. SIA/KL/MIN/411459/2022, 2197/EC2/2023/SEIAA**

**Environmental Clearance application for the Laterite Building Stone Quarry project of Sri. Vijayan. H, for an area of 0.0971 Ha. at Re-Survey Nos. 899/3 in Adoor Village, Kasaragod Taluk, Kasaragod**

**Decision :** The Committee verified the additional documents submitted by the project proponent and found them satisfactory. The mineable reserve is 4300MT and the Project cost is Rs. 10 lakh. The depth of final void is 4m. The life of mine is one year. The presentation was done in the 140<sup>th</sup> SEAC meeting. Based on the discussion, the Committee decided to recommend EC for the mine life of 1 year subject to the following Specific Conditions in addition to the General Conditions;

1. The excavation activity should not involve blasting.
2. The excavation activity should be restricted to 2m above the groundwater table at the site.
3. The excavation activity should not alter the natural drainage pattern of the area
4. The excavated pit should be restored by the project proponent for agriculture and such

other useful purpose.

5. Appropriate fencing all around the excavated pit should be made to prevent any mishap.
6. Measures should be taken to prevent dust emissions by covering excavated earth during transportation.
7. Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to the excavation of earth.
8. Workers/labourers should be provided with facilities for drinking water and sanitation.
9. A berm should be left from the boundary of adjoining field having a width equal to at least half the depth of the proposed excavation.
10. A minimum distance of 50m from any civil structure should be kept from the periphery of the project area.
11. 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.
12. 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.
13. The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.
14. Measures incorporated in the CER should be implemented within 6 months from the date of EC.
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. SIA/KL/MIN/415821/2023, 2222/EC1/2023/SEIAA**

**Laterite (Building Stone) Quarry of Sri. Bharathan for an area of 0.9532 Ha at Survey Nos: 7/2-14, 7/2- 15, 7/2-8, 7/2-7 in Koppam Village, Pattambi Taluk, Palakkad District, Kerala**

**Decision :** The Committee verified the additional documents submitted by the project proponent and found them satisfactory. The total mineable reserve is 66,724 MT with an annual production of 33,362 MT for a mine life of 2 years. As per the application, the project cost is 22.5 lakhs. The nearest house is 78.6m and open well is 186.5m away from the proposed area. The landslide hazard zone is beyond 20.40 m from the proposed area. The depth to water table is 6m below the ground level. The Committee heard the presentation in its 144<sup>th</sup> meeting. The field inspection was conducted on 15.06.2023. **Based on discussion, the Committee decided to recommend EC for the mine life of 2 year subject to the following Specific Conditions in addition to the General Conditions;**

1. The excavation activity should not involve blasting.
2. The excavation activity should be restricted to 2m above the groundwater table at the site.
3. The excavation activity should not alter the natural drainage pattern of the area

4. The excavated pit should be restored by the project proponent for agriculture and such other useful purposes.
5. Appropriate fencing all around the excavated pit should be made to prevent any mishap.
6. Measures should be taken to prevent dust emissions by covering excavated earth during transportation.
7. Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to the excavation of earth.
8. Workers/labourers should be provided with facilities for drinking water and sanitation.
9. A berm should be left from the boundary of adjoining field having a width equal to at least half the depth of the proposed excavation.
10. A minimum distance of 50m from any civil structure should be kept from the periphery of the project area.
11. 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.
12. 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.
13. The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.
14. Measures incorporated in the CER should be implemented within 6 months from the date of EC.
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)

**17. SIA/KL/MIN/415955/2023 , 2221/EC1/2023/SEIAA**

**Environmental Clearance for Laterite (Building Stone) Quarry of Abdu Rasak in Block No 25, Re-Survey Nos: 7/2-10, 7/2-9, 7/2-8, 7/2-16, 7/2-17 of Koppam Village, Pattambi Taluk, Palakkad District, Kerala for an extent of 0.9400 Ha**

**Decision:** The Committee verified the additional documents submitted by the project proponent and found them satisfactory. The annual production is 74,025 MT and the mine life is 2 years. The Peechi Vazhani Wildlife Sanctuary is at 27.70 km. The project cost is Rs. 22 lakh. The landslide hazard zone is beyond 20.40 m from the proposed area. The depth to the water table is 6m below the ground level. The proponent made the presentation in the 144<sup>th</sup> SEAC meeting. The field inspection was carried out on 15.06.2023. **Based on discussion, the Committee decided to recommend EC for the mine life of 2 years subject to the following Specific Conditions in addition to the General Conditions;**

1. The excavation activity should not involve blasting.
2. The excavation activity should be restricted to 2m above the groundwater table at the site.
3. The excavation activity should not alter the natural drainage pattern of the area

4. The excavated pit should be restored by the project proponent for agriculture and such other useful purpose.
5. Appropriate fencing all around the excavated pit should be made to prevent any mishap.
6. Measures should be taken to prevent dust emissions by covering excavated earth during transportation.
7. Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to the excavation of earth.
8. Workers/labourers should be provided with facilities for drinking water and sanitation.
9. A berm should be left from the boundary of adjoining field having a width equal to at least half the depth of the proposed excavation.
10. A minimum distance of 50m from any civil structure should be kept from the periphery of the project area.
11. 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.
12. 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.
13. The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.
14. Measures incorporated in the CER should be implemented within 6 months from the date of EC.
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)

**18. SIA/KL/MIN/416162/2023, 2218/EC1/2023/SEIAA**

**Granite Building Stone of V.R. Ajayakumar at Block No. 27, Survey Nos. 16/1 of Ezhumattoor Village, Mallappally Taluk in Pathanamthitta District, Kerala**

**Decision:** The Committee verified the additional documents submitted by the project proponent and found them satisfactory. The total mineable reserve is 1,10,740 MT and annual production is 27650 MT per annum for mine life of 4 years. The elevation difference is 105m MSL and 75m MSL. The project cost is 75 lakh. The total water consumption is 10 KLD. The Committee heard the presentation in its 146<sup>th</sup> meeting. **Based on detailed discussion, the Committee decided to recommend EC for the mine life of 4 years subject to the following Specific Conditions in addition to the General Conditions;**

1. The mining should be limited to a maximum depth of 80m above MSL considering the depth to water table.
2. The green-belt should be developed prior to the commencement of mining. Choice of the species should be based on criteria such as (i) native trees; (ii) thick foliage; (iii) fruit bearing that would attract birds and, (iv) otherwise valuable with medicinal or soil fertility enhancer etc.

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. Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration
5. The impact of vibration due to blasting on the houses and other built structures within 500m distance from the project boundary should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.
6. 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).
7. Drainage water should be monitored at different seasons by an NABL-accredited lab and clear water should only be discharged into the natural stream. Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.
8. Geotagged photographs of the progress of compensatory afforestation should be submitted along with HYCR
9. Overburden should be stored at the designed place and gabbion wall should be provided for the topsoil and overburden storage sites
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 should be implemented including solar power installations. At least 40% of the energy requirement shall be met from the solar power
14. Adequate facilities should be adopted to harvest the rainwater as per the guidelines issued by the Central Ground water Authority.
15. 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.
16. Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.

**19. SIA/KL/MIN/422091/2023 , 2257/EC3/2023/SEIAA**

**Granite Building Stone Quarry of Shri. Maneesh P Mohanan” over an extent of 0.8586 Ha. (2.0968 Acres) at Sy. Nos. 476/1/15, 476/1/15, 477/2, 477/2/2, 477/2/4, Thirumarady Village, Muvattupuzha Taluk, Ernakulam District, Kerala**

**Decision:** The Committee verified the additional documents submitted by the project proponent and noted that the documents sought as per the decision of 144<sup>th</sup> meeting of SEAC is not submitted. **Therefore, the Committee decided to defer the proposal.**

**20. SIA/KL/MIN/422372/2023 , 2262/EC3/2023/SEIAA**

**Environmental Clearance for the Granite Building stone quarry of Sri.Ashok Mathai Alexander, M/s.Highrange Granite Industries at Sy.Nos.431 Part and 442 Part, in Kokkayar Village, Peerumade Taluk, Idukki, Kerala for an area of 4.5000 hectares**

**Decision :** The Committee verified the additional documents submitted by the project proponent and noted that the revised EMP is not satisfactory. The Certificate of Tahsildhar lacks details of the nature of land, the nature of possession, and report on natural hazards like landslides, etc. The Committee **decided to entrust Dr. R. Ajayakumar Varma and Dr. Mahesh Mohan for field inspection and report.**

**21. SIA/KL/MIN/425832/2023 2270/EC3/2023/SEIAA**

**Environmental Clearance for the building stone quarry at Block No:10, Re.SurveyNo. 509/11, 509/11-2, 509/12 of Vengoor West Village, Kunnathunad Taluk, Ernakulam, Kerala (Fresh application)**

**Decision:** The Committee verified the additional documents submitted by the project proponent and **decided to direct the Proponent to submit the following additional documents.**

- 1) Revised CER with specific location of implementation and beneficiary details.
- 2) Compensatory afforestation plan along with geo-tagged photographs of the site, species proposed to be planted and ownership details of the proposed land.
- 3) Revised EMP with site specific mitigation measures

**22. SIA/KL/MIN/426226/2023, 2267/EC1/2023/SEIAA**

**Environmental Clearance for the Granite Building Stone Quarry over an area of 0.8856 Ha located at Sy. Block No. 36 Survey Nos: 468/3- 9, 468/3- 6 & 468/3-5 in Kulukkallur Village, Pattambi Taluk, Palakkad**

**Decision:** The Committee examined the proposal, evaluated the documents and verified the environmental quality monitoring data. **The Committee decided to invite the Proponent for presentation.**



**23. SIA/KL/MIN/428582/2023, 2263/EC3/2023/SEIAA**

**Environmental Clearance for the Granite Building Stone Quarry of Sri. Binu George at Block No.49, Survey No. 304 part (Govt. Land) in Parathodu Village, Udumbanchola Taluk, Idukki for an area of 3 Ha**

**Decision :** The Committee examined the proposal, evaluated the documents submitted and verified the remonitored environmental quality data submitted by the project proponent and **decided to entrust Dr. R. Ajayakumar Varma and Dr. Mahesh Mohan for field inspection and report.**

**24. SIA/KL/MIN/46586/2019, 1573/EC3/2019/SEIAA**

**Application for Environmental Clearance for the Granite Building Stone quarry project of Mr. Sainudheen C. K, M/s Yesco Granites LLP having an area of 0.9460 Ha in Survey No.202/2, in Elankur Village, Ernad Taluk, Malappuram.**

**Decision :** The Committee examined the proposal and evaluation report and verified the additional documents submitted by the project proponent and **decided to entrust Dr.A.N.Manoharan and Shri. Sheik Hyder Hussain for evaluation of the final EIA report, Public Hearing details and field inspection and report.**

**25. SIA/KL/MIN/78627/2019, 1543/EC3/2019/SEIAA**

**Environmental Clearance of Granite Building Stone Quarry project of Sri. Abdu Rahiman A.C in Re-Survey No: 269/1, 269/2, Re Survey Block No.36 in Nediyruppu Village, Kondotty Municipality, Kondotty Taluk, Malappuram.**

**Decision :** The Committee examined the proposal and evaluation report and verified the additional documents submitted by the project proponent and **decided to entrust Dr.A.N.Manoharan and Shri. Sheik Hyder Hussain for evaluation of the final EIA report, Public Hearing details and field inspection and report.**

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

**1. SIA/KL/MIN/165825/2020 646/EC4/4949/2014/SEIAA**

**Extention for the Environmental Clearance for the Granite Building Stone Quarry of Sri. Habeebu Rahiman P.M at Sy. No. 78/2A Pt in Kumaranellur Village, Karassery Panchayath, Kozhikode Taluk, Kozhikode (Judgment in WP(C) No.12391/2020 filed by Sri. Habeebu Rahiman P.M, Kozhikode - regarding the validity of EC). (old physical file)**

**Decision:** The Committee verified the additional documents and noted that the project proponent has not submitted the 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 etc. As per the Cluster Certificate dated 31.07.2023 issued by the District Geologist, Kozhikkode, two other quarries having area 4.0232 Ha and 4.286 Ha are within 500 m radius and hence there is a cluster situation. **The Committee decided to direct the proponent to apply for ToR in Parivesh portal.**

2. **SIA/KL/MIN/256773/2022, No. A/2547/17/DEIAA**  
**Extension for Environmental Clearance for Granite Building Stone Quarry of Mr. Davy Stephen at Survey No: 47/15, 48/3 in Bellur Village, Kasaragod Taluk, Kasaragod.**

**Decision:** The Committee examined the proposal, discussed the field inspection report and noted the submission of additional documents sought. **The Committee decided to entrust Prof. V. Gopinathan to evaluate, in detail, the additional documents submitted and report.**

## **PART 2**

1. **Environmental Clearance for the Expansion of Santhi Hospital Project at Survey Nos. 22(22/66,22/67), 21/3(21/33), 21/3(21/36), 21/3(21/27), 21/3(21/37), 14/2(14/13), 21/3,2(21/38,21/82), 17/7, 17/4(17/23,21), 14/2(14/15), 14/2(14/23), 21/3(21/34), 22/2(22/68), 21/3(21/28), 14/2(14/14), 14/2(14/12), 21/32(21/83), 21/3(21/87), 21/3(21/29), 21/3(21/30,21/31) in Puthur Village, Thamarassery Taluk, Kozhikode (SIA/KL/INFRA2/402758/2022 , 2139/EC4/2022/SEIAA)**

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

2. **Environmental Clearance for the Proposed Commercial cum Assembly Building Project by Mrs. Ameena Begam and Mrs. Hajara Ibrahim at survey Nos. 566, 567, 568, 569, 582/24, in Kasaba village, Kozhikode Corporation, Kozhikode Taluk, Kozhikode (SIA/KL/INFRA2/416303/2023, 2225/EC4/SEIAA/2023)**

**Decision:** As per the decision of 141<sup>st</sup> SEAC meeting, the proponent was invited for presentation and informed that she was unable to attend the meeting. Based on the decision of 146<sup>th</sup> SEAC meeting, a second chance was given to the proponent for presentation and again she was absent. Hence **Committee decided to defer the proposal.**

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

**Decision:** As invited, the authorized person of the project proponent Dr. Suresh, IMAGE and Sri. Ravikiran, Project Co-ordinator M/s Pragathi Labs & Consultants Pvt. Ltd. were present. The EIA consultant made the presentation. The land area is 3 acre with a total capacity of 20,000 kg/day. The Aruvapulam Eco Sensitive village is at 7.6 km. The Kallada river is at 3.9 km south to the project area. Major habitation is located at a distance of 6 km towards SE direction. A few houses (2-5) are noticed at a distance of 300 m. It is reported that the gap analysis studies has been done using available records of KSPCB Health Care Establishments records and IMAGE Health Care Establishments records. The total water requirement of the project is 115 KLD. The Committee observed the following;

- 1) The CER activities proposed are not as per norms.
- 2) EMP need revision considering site-specific issues

**The Committee decided to entrust Dr. R. Ajayakumar Varma and Smt. Beena Govindan for evaluation of the EIA document, field inspection and report**

**4. Environmental Clearance for the proposed Residential Building Construction Project for Fisherman to be developed by Directorate of Fisheries, Govt. of Kerala at Survey No. 2610 pt, 2778/pt in Muttathara Village, Thiruvananthapuram Municipal Corporation. SIA/KL/INFRA2/435776/2023, 2314/EC1/2023/SEIAA**

**Decision:** As invited, the authorized person of the project proponent, Sri.Sreelu N.S, Additional Director of Fisheries & Sri.Santhosh Kumar.S, Deputy Director of Fisheries, and Sri.Joemon, Consultant, Environmental Engineers & Consultants Pvt. Ltd., were present. The Consultant made the presentation. The project is to rehabilitate the fisherman who lost their houses due to sea surge. As per the application, the total plot area is 3.2374 ha. (32,374.90 sqm) and total built-up area is 23,733.86 sqm with 400 dwelling units. The project cost is Rs. 64.02 Crores. The maximum height of the building is 8.87 m. The nearest water body is Parvathy Puthanaar at a distance of 0.15 km. **The Committee decided to entrust Er. M. Dileep kumar and Dr. A. Bijukumar for field inspection and report.**

**5. Environmental Clearance for the Proposed Granite Building Stone Quarry of Sri.Ramakrishnan.C, Managing Director, M/s Thiruvambadi Rocks Private Limited at Un Survey area, in Thiruvambady Village, Thamarassery Taluk, Kozhikode District, Kerala for an extent of 0.9800 Ha. SIA/KL/MIN/129967/2019, 1861(A)/EC4/2019/SEIAA**

**Decision:** As per the decision of 143<sup>rd</sup> SEAC meeting, the proponent was invited for presentation and the proponent was absent. Based on the decision of 146<sup>th</sup> SEAC meeting, a second chance was given to the proponent for presentation and again he was absent. **Hence the Committee decided to defer the proposal.**

**6. Environmental Clearance for the Proposed Granite Building Stone Quarry of M/s Hastone Granites Pvt. Ltd, for an extent of 0.9986 Ha.at Survey No. 112/11A3Pt in Balal Village, Vellarikund Taluk, Kasaragod District, Kerala (SIA/KL/MIN/136571/2020, 1745/EC2/2020/SEIAA)**

**Decision :** As invited in the 142<sup>nd</sup> meeting, the Proponent, Sri.Abdullah M.H, M/s Hastone Granites Pvt. Ltd and the RQP, Sri.Nazar Ahamed K.V were present. The RQP made the presentation. The total mineable resource is 1,41,635 MT. The life of mine is 3 years. The project cost is 1.5 crore. The highest and lowest elevation is 254 m & 185 m RL respectively. The distance to the nearest house is 189.6 m. As per cluster certificate dated.29.06.2020, there is no cluster situation. The distance to the medium hazard zone is 4.8 km and to the high hazard zone is 2.2 km. The total water requirement is 6 KLD. Field inspection is conducted on 02.01.2023. Since the neighbourhood of the project area is thickly vegetated, an area of 0.4 Ha in Alappadamba Village near the crusher plant is identified for compensatory afforestation. A compliant dated.13.03.2020 is received from Sri.Kunjiraman Vaidyar against the quarry project. **The Committee decided to direct the proponent to submit the following additional documents.**

1. Recent legible certified survey map.
2. Depth to water table in the nearest dug well along with relief of ground level, distance to the project boundary and geo-tagged photographs of the well.
3. Plan for haulage road development.
4. Modified drainage plan showing the connectivity to the natural drainage.
5. Recent Cluster Certificate
6. Compensatory afforestation plan in an alternative site as the proposed area for compensatory afforestation is a metal stockyard and the Committee is apprehensive about feasibility of the site.
7. Specific CER proposal as per the guidelines uploaded in the SEIAA-Kerala website
8. An affidavit by the proponent agreeing to undertake the operation and maintenance of public toilet proposed as part of CER activities.
9. Response to the compliant filed by Sri. Kunjiraman Vaidyar against the quarry project. A copy of the complaint shall be forwarded to the proponent with immediate effect.

7. **Environmental Clearance for the Proposed Granite Building Stone Quarry Project of Sri.Ashraf.P at Re.Sy.No.172 in Kodyathur Village, Kozhikode Taluk, Kozhikode District, Kerala (SIA/KL/MIN/138725/2020 1653/EC4/2020/SEIAA}**

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

8. **Environmental Clearance for the Granite Building stone quarry of Sri. N.C. Abdul Majeed ,Managing Partner of Mukkom Granites at Re Survey No: 5/5A2 (5/4730, 5/4731) in Kavilumpara Village, Vatakara Taluk, Kozhikode, Kerala for an area of 0.9467Ha  
SIA/KL/MIN/142276/2020 , 1806/EC4/2020/SEIAA**

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

9. **Environmental Clearance for the proposed granite building stone quarry of Sri.Aboobacker. P.M, Managing partner, M/s M A Granites in Re Survey No: 84/1, 84/2B Resurvey Block No: 1 Balussery Village, Koyilandy Taluk, Kozhikode  
SIA/KL/MIN/166371/2020 , 1758/EC4/2020/SEIAA**

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

10. **Environmental Clearance for the extraction of Granite Building Stone Quarry project of Sri. Siraj Hussain at Re-Sy No. 281/2-3 of Mundakkayam Village, Kanjirappally Taluk, Kottayam  
(SIA/KL/MIN/176680/2020, 1877/EC3/2021/SEIAA)**

**Decision:** As directed by the Authority in its 129<sup>th</sup> meeting, the Committee invited the proponent for hearing. As invited, the proponent Sri.Siraj Hussain and the RQP, Sri. A G Korah attended the hearing. The RQP made a brief presentation. The project proponent intimated that he complied with all the directions given by the District Crisis Management Committee and obtained the NOC. The Committee also noted the Judgment dated.31.07.2023 in WP(C) No.22929/2023 filed by Sri.Siraj Hussain. **The Committee decided to direct the project proponent to submit a detailed hearing note with all supporting documents within 7 days.**

11. **Environmental Clearance for the Granite Building Stone having an area of 2.1764 Ha.of Sri. Didimose Paul at Block No. 44, Re. survey No. 269/1 & 269/1-1 in Londoos village, Meenachil Taluk, Kottayam [SIA/KL/MIN/221010/2021, 2179/EC3/2023/SEIAA]**

**Decision:** As per the decision of 141<sup>st</sup> SEAC meeting, the proponent was invited for presentation and the proponent was absent. Based on the decision of 146<sup>th</sup> SEAC meeting, a second chance was given to the proponent for presentation and he was again absent. Hence the **Committee decided to defer the proposal.**

**12. Environment Clearance for the Proposed Granite Building Stone Quarry of Sri. Haridasan at Re Survey No. 3/1047, 3/1419, 3/1416, 3/1418 in Engapuzha Village, Thamarassery Taluk, Kozhikode, Kerala for an area of 3.5823 hectares. (SIA/KL/MIN/222256/2021, 1919/EC4/SEIAA/2021)**

**Decision:** As invited, the authorized person by the Project Proponent, Sri.Jokiam Mathew and the RQP, Sri.Mahesh.S were present. The RQP made the presentation. The total mineable reserve is 2539300 MT (126965 MTA) and the mine life is 20 years. The nearest residential building is at 135.9 m SW. The distance to the medium hazard zone is 1.09 km and the distance to the high hazard zone is 1.87 km. The total water requirement is 6 KLD. The total project cost is 320 lakh. The maximum and minimum elevation difference after mining is 135 m to 60 m. The depth of water table is 42-46 m above MSL. The Malabar Wildlife Sanctuary is situated at 4.1 kms. The proponent submitted proof of application submitted before NBWL. Field inspection was carried out on 04.09.2022. **The Committee decided to direct the project proponent to submit the following documents;**

- 1) For the construction of Subcentre of Primary Health Centre of 1200sq.ft proposed under CER, justification from the Panchayat for the requirement of 1200 sq.ft area for the Subcentre
- 2) The site proposed for compensatory afforestation is not suitable since it is a rubber plantation. Revised proposal for compensatory afforestation with geo-tagged photographs and the consent of the land owner if the proposed area belongs to any other person than the project proponent.

**13. Environmental Clearance for the Granite Building stone quarry of Sri.Biju. O, M/s Elayadam Constructions Pvt Ltd at Sy. No. 285/2,6 in Purameri Village, Vadakara Taluk, Kozhikode for an area of 0.9999 ha (SIA/KL/MIN/239511/2021 , 2096/EC4/2022/SEIAA)**

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

**14. Application for Environmental Clearance for the mining of Granite Building stone quarry of Sri. Shijo T.Paul at survey No: 797/1 Apt. in Kalloorkad Village, Muvattupuzha Taluk Ernakulam District. (SIA/KL/MIN/255880/2022, 2081/EC3/2022/SEIAA)**

**Decision :** As directed by SEIAA in its 129<sup>th</sup> meeting, the Committee invited the project proponent for hearing. The project proponent vide Letter dated.04.09.2023 informed his inability to attend the hearing. **Hence the Committee decided to defer the proposal.**

**15. Environmental clearance for Granite (Building stone) quarry of Sri. Safran Abdul Razack, for an extent of 0.9270 Ha at Re Survey No. 1293/2493, 1293/2495 Block No-01 in Ayyankunnu village, Iritty Taluk, Kannur district, Kerala (SIA/KL/MIN/284240/2022, 2079/EC4/2022/SEIAA)**

**Decision:** As invited, the project proponent Sri.Safran Abdul Razack and the RQP Sri.Mahesh.S were present. The RQP made the presentation. The total mineable reserve is 272527.5MT with annual production of 54,000 MT. The life of mine is 5 years. The nearest house is situated at a distance of 256.m. Filed inspection was carried out on 06.03.2023. The Aralam Wild Life Sanctuary is at a distance of 8.7 km. The project area is very close to inter state boundary. The Committee observed the following;

- 1) The project area is located in a medium hazard zone surrounded by high hazard zone.
- 2) The slope of the terrain is steep to very steep slope
- 3) There is no access road to the project area.
- 4) The location of the site is in the lower portion of high range hill of elevation around 880m above MSL and between Kuchelan Hill of elevation around 800m above MSL on the north and Chettanpara waterfall located on the hilltop with elevation of around 600m in the south. the areas is 825m MSL
- 5) The project area is susceptible to landslides
- 6) The Aralam Wild Life Sanctuary is within 10 km and it is not mentioned in the application and hence there is a suppression of facts

The project site is environmentally very fragile as it is located in the middle of a moderate hazard zone surrounded by high hazard zone. The terrain where the site is located is susceptible to landslides. The Ayyankunnu village is vulnerable to landslides as per the District Disaster Management Plan. **Hence the Committee recommended rejection of the proposal.**

**16. Granite Building Stone Quarry of Sri. Jayesh Thomas in Survey Block No. 31, Re. Survey No.317/10, 317/11, 317/3, 317/12 in Vadasserikkara Village, Ranni Taluk, Pathanamthitta District, Kerala SIA/KL/MIN/291136/2022 , 2111/EC1/2022/SEIAA**

**Decision:** As invited, the project proponent Sri.Jayesh Thomas and the RQP Sri.Jayachandra Panicker P.S were present. The RQP made the presentation. The project area is 0.4120 Ha. The mineable reserve is 90,000 MT and targeted annual production is 28000 MTA for the mine life of 4 years. The project cost is 1 crore. The nearest building is at 54.6 m. The highest and lowest elevation is at 210 m & 175 MSL respectively. The distance to the medium hazard zone is 593.21

m and to the high hazard zone is 9.21 km. The Committee observed that the effective mining area out of 0.4120 Ha is only 0.2 Ha. The Committee observed that the buffer of the proposed area is overlapped with the adjacent mined out area. Based on discussions, the Committee concluded that the site is too small with average effective width around 30m only and it is difficult to mine ensuring environmental safeguards. **Therefore the committee decided to recommend rejection of the proposal.**

**17. Granite Building stone Quarry of Mr. J. Madhusoodhanan in Block No. 35, Re-Survey Nos. 352/7, 353/1, 353/2, 353/2-1, 353/3, 353/4, 353/8, 353/9, & 354/2 in situated in Nedumangad Village, Nedumangad Taluk, Thiruvananthapuram SIA/KL/MIN/401155/2022 , 2123/EC1/2022/SEIAA**

**Decision :** As invited, the project proponent Sri. J. Madhusoodhanan and the RQP, Sri.S.Mamallan were present. The RQP made the presentation. The total mineable reserve is 683641MT and the proposed life of mine of 10 years. The project cost is mentioned as Rs.62,15,000/-. Filed inspection was carried out on 11.03.2023. **The Committee decided to direct the project proponent to submit the following additional documents**

- 1) Revised CER proposal as per the guidelines uploaded in the website of SEIAA-Kerala incorporating monitorable physical targets as per OM dated 30.09.2020, proof of stakeholder consultation, need assessment of the proposed activity etc.
- 2) Plan for developing a road to the top level of the site and its engineering plan
- 3) Revised Project cost
- 4) Compensatory afforestation plan along with geo-tagged photographs of the site, details of species proposed to be planted, ownership details etc.

**18. Granite Building Stone Quarry of Sri. Binoj. K. Baby, Managing Partner, M/s.Pulpally Stone Crushers for an area of 4.1000 at Survey Nos. 398/8, 398/30, 420/2, 420/3, 420/4, 420/6, 420/7, 420/8, 420/11, 421/2, 421/3, 421/4, 421/7 of Padichira Village, Sultan Bathery Taluk, Wayanad SIA/KL/MIN/402910/2022, 2124/EC2/2022/SEIAA**

**Decision:** As invited, the proponent Sri.Binoj K.Baby and the RQP Sri.Mahesh.S were present. The RQP made the presentation. The targeted production is 76787.3 MTA. The life of mine is 20 years. The estimated project cost is 4.58 crore. The highest and lowest elevation is at 840 m MSL to 795 m MSL respectively. The depth to water table is 776 to 778 msl. The nearest habitation is at 55m west. The total water requirement is 6 KLD. The ultimate depth of mining is limited to 780 m MSL. The project area is at 0.68 km to medium hazard zone and 13.93 km to high hazard zone. The Wayanad Wild Life Sanctuary is at a distance of 2.24 km, the Bandipur National Park is at 3.5 km and the Nagarhole Tiger Reserve Forest is at 4.06 km. As per the proof of application to NBWL, it is noted that the proponent has mentioned only about the Wayanad Wild



Sanctuary. Based on discussions, the Committee noted the requirement of the following additional documents;

1. Revised CER as per the guidelines uploaded in the website of SEIAA-Kerala and avoiding activities which are not specified in OM dated 30.09.2020 of MoEF&CC along with detailed implementation plan.
2. Revised EMP based on the site-specific environmental issues identified and mitigation plan evolved along with adequate budget provision
3. Letter from Wild Life Warden/DFO regarding the distance of the proposed site from the WL Sanctuary, distance proposed/notified for the ESZ towards the site and statement whether the proposed site falls within the ESZ or not is not submitted
4. Proof of application submitted for wildlife clearance from the NBWL considering that the site is within 10km distance from different Wild Life Sanctuaries.
5. Alternate site for afforestation.

**The Committee decided to entrust Dr. Mahesh Mohan and Dr. K N Krishnakumar for field inspection and report.**

19. **Environmental Clearance for the Proposed Granite Building Stone Quarry Project of Sri.Rajesan.K, Managing Director, M/s Kodancheri Granites and Stones Pvt.Ltd, at Re-Survey Nos.159/3208, 159/3209, 159/5172, 159/8673, 159/8746, 159/8747, 159/8556, 159/8557, 159/8709, 159/4875, 159/7525, 159/8745 in Nellipoyil Village, Thamarassery Taluk, Kozhikode  
SIA/KL/MIN/406104/2022 2173/EC4/SEIAA/2022**

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

20. **Granite Building Stone Quarry in Re-Survey Nos. 98/2-1, 98/1, 98/1-1 in Nellanad Village, Nedumangad Taluk, Thiruvananthapuram District, Kerala by Sri. Abdul Nazar A (Re uploaded the previous proposal No.SIA/KL/MIN/161967/2020)  
SIA/KL/MIN/407637/2022 , 1747/EC1/2022/SEIAA**

**Decision :** As invited, the project proponent Sri.Abdul Nazar.A and the RQP Sri.V.K.Roy attended the hearing. The RQP made a brief presentation. The nearest house is at 79m from BP8. Two temporary sheds at a distance of 59.1m and 84.9m. Field inspection was carried out on 24.07.2022. **The Committee decided to direct the project proponent to submit the presentation slides and hearing notes within 7 days.**

21. **Environmental Clearance for Granite Building Stone Quarry for an area of 0.9980 Ha. in Re-Survey Nos. 27, 28 & 28/1 at Erumeli South Village, Kanjirappally Taluk, Kottayam**

[SIA/KL/MIN/413982/2023, 2212/EC3/2023/SEIAA]

**Decision:** As invited, the project proponent Sri.Jismon A.B, M/s.J.S.Blue Metals LLP and the RQP, Sri.V.K.Roy were present. The RQP made the presentation. The total mineable reserve is 3,56,697.5 MT for the mine life of 4 years. The project cost is 1.48 lakh. The distance to the medium hazard zone is 2.49 km and to the high hazard zone is 6.20 km. The total water requirement is 9 KLD. Depth to water table is 113m AMSL. As per the Cluster Certificate dated.04.01.2023, there is no cluster condition. **The Committee decided to direct the project proponent to submit the following additional documents;**

- 1) The actual distance from the nearby quarry owned by M/s.Delta.
- 2) Revised CER as per the guidelines uploaded in the website of SEIAA-Kerala incorporating monitorable physical targets decided based on stakeholder consultation, proof of stakeholder consultation, and detailed implementation plan of the proposals.
- 3) Revised EMP incorporating the environmental issues of the site and surrounding areas and site-specific mitigation measures along with adequate budget provision.
- 4) Depth to water table in the nearest dug well along with distance to well from the project boundary, geo-tagged photographs of the well and ground level site elevation

**22. Granite ( Building stone) quarry project, M/s RKP Minerals and Metals Private Ltd at Block no.30, Re Survey No. 233/2-3-1,233/2-5-1,233/2-2,233/6,233/6-1,234/5, in Thekkada village , Nedumangad Taluk, Thiruvananthapuram  
SIA/KL/MIN/414351/2023, 2210/EC1/2023/SEIAA**

**Decision:** As invited, the project proponent Sri.Pradeep Kumar.S, RKP Minerals and Metals Private Limited and the RQP Sri.V.K.Roy were present. The RQP made the presentation. The project area is 0.4790 Ha. The total mineable reserve is 96100 MT and the annual production is 24,000 TPA for mine life of 4 years. The highest elevation of the lease area is 165m MSL and the lowest is 140m MSL. The project cost is 65 lakh. The nearest house is located at a distance 51m away from mine boundary. The distance to the high hazard zone is 8.14 km. the total water requirement is 10 KLD. As per the Cluster Certificate dated 07.01.2023, the lease/permit of the two quarries within 500 m radius has expired. The Committee noted that the project proponent has not submitted the details of the mine closure of the adjacent quarries. The Committee also observed that the site is too small to conduct mining after ensuring all the environmental safeguards and therefore, the site lack feasibility. **In the circumstance, the Committee decided to direct the Proponent to submit the following documents.**

1. Details of the mine closure of the adjacent quarries
2. Report on the feasibility to conduct mining in the site after ensuring all required environmental safeguards.

- 23. Environmental Clearance for the proposed Granite Building Stone Quarry of Sri. Rajan at Re Survey No. 111/1A1A in Koothali Village, Koyilandy Taluk, Kozhikode District, Kerala for an area of 0.6551 Ha.  
SIA/KL/MIN/419783/2023, 2278/EC4/2023/SEIAA**

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

- 24. Granite Building Stone Quarry of Mr. Sibi P Alias at Survey No. 194/9, 194/9, 194/11, 194/11/1 Varappetty Village, Kothamangalam, Ernakulam (Fresh Application) SIA/KL/MIN/432348/2023 , 2296/EC3/2023/SEIAA**

**Decision :** Based on the direction of the 146<sup>th</sup> SEAC meeting, the proponent was invited for presentation. The proponent vide email dated.04.09.2023 informed that he was unable to attend the presentation. **Hence Committee decided to defer the proposal.**

- 25. Environment Clearance for the Granite Building Stone Quarry of Sri. Binoj K Baby for an area of 0.7905 Ha in Re-Sy. Nos. 399/1, 399/15 & 399/18 Padichira Village, Sulthan Bathery Taluk, Wayanad, Kerala. – Rejected- Judgment dated 22.03.2023 in WP(C) 38004/2022 (SIA/KL/MIN/440610/2023; 1788/E2/2020/SEIAA)**

**Decision:** The Committee perused the item and noticed that the proposal was placed in the 144<sup>th</sup> SEAC meeting held on 6<sup>th</sup> to 8<sup>th</sup> June, 2023, The Committee considered the direction of SEIAA along with the Judgment of the Hon'ble High Court. As per the Judgment, the direction is to specifically note the contention that the building in question is used only as a Site Office and will not be used for any residential purpose. The grant of Environmental Clearances as per Exts.P15 to P17 (EC issued to three other Proponents namely Sri. Sudheesh A.T., Sri. Joy Pottas and Sri. C. Haris), shall be considered by the 1st respondent while passing orders as directed above. The undertaking given by the petitioner shall also be specifically considered. Appropriate orders shall be given, within a period of three months from the date of receipt of a copy of this judgment. The Committee noted the undertakings of the proponent. In the circumstance, the Committee decided to review the earlier recommendation based on the fact that the proponent submitted an affidavit stating that the proponent obey all the conditions stipulated by SEIAA. The 129<sup>th</sup> SEIAA directed the SEAC to consider the application on priority and recommend with definite EC period. Also the Authority noticed that reconsideration of the proposal is carried out in physical file and as per the existing norms of MoEF&CC, EC is valid only with unique EC identification number and e-signature. The Committee noted that the project proponent applied in the PARIVESH Portal with all the documents for appraisal and e-processing of the application. Based on discussions, **the Committee decided to recommend EC for a period of 5 years with the following specific conditions in addition to general conditions:**

1. The building located at a distance of 31m should not be used for temporary or permanent residential purpose. From the point of view of safety, it is desirable to leave adequate buffer between the said building and the boundary of the mining area.
2. The site is located at a distance of 3.2km from the Wayanad Wildlife Sanctuary. Therefore, EC should be issued subject to the wildlife clearance conditions.
3. Widening / development of the approach road, with a minimum width of 8 m, should be done, in addition to the one-way Road access proposed to be developed. As per GO (P) No. 59/2015/Trans dt. 29.9.2015, goods vehicle having loading capacity of more than 10 tons is prohibited in roads with width less than 8m.
4. Compensatory afforestation should be done, for compensating about 50 m long green belt proposed due to passing through existing quarry pits and the trees that will be removed from the proposed quarry area, by planting of local species of trees in available land owned by the proponent, preferably at the lower elevated portion of the land.
5. An affidavit should be submitted indicating the land with geocoordinates where compensatory afforestation is proposed prior to the commencement of mining.
6. Change the boundary pillars with concrete pillars with a minimum size of 10 cm x10 cm, marked with geo coordinates prior to commencement of mining.
7. The storage of overburden should be done in the open land available at the lower elevation area to ensure safe storage and easy removal and usage of soil at the time of closure of the mine and gabion wall should be provided for the topsoil and overburden storage sites
8. The green-belt should be developed using native species of trees, plants and climbers prior to the commencement of mining.
9. Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain should be provided prior to the commencement of mining.
10. Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration
11. An additional Settling Pond should be provided at the lower part of land, owned by the applicant, prior to the commencement of mining to ensure clear water discharge, as pumping of water is proposed from the existing old quarry pond.
12. The impact of vibration due to blasting on the houses and other built structures within 500m distance from the project boundary should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.
13. Garland drain, silt-traps, siltation ponds and outflow channel should be desilted periodically and geo-tagged photographs of the process should be included in the half yearly compliance report (HYCR).

14. Drainage water should be monitored at different seasons by an NABL accredited lab and clear water should only be discharged into the natural stream. Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.
15. Geotagged photographs of the progress of compensatory afforestation should be submitted along with HYCR
16. CER Plan should be implemented within the first 2 years and it should be operated and maintained till the mine closure plan is implemented.
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).
18. Adequate sanitation, waste management and restroom facilities should be provided to the workers.
19. Adequate energy conservation measures should be implemented including solar power installations. At least 40% of the energy requirement shall be met from the solar power
20. Adequate facilities should be adopted to harvest the rainwater as per the guidelines issued by the Central Ground Water Authority.
21. Environment Management Cell (EMC) should include one subject expert in environment management. The proceedings of the monthly meeting of the EMC should be submitted along with the HYCR.
22. Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.

**26. Environmental Clearance for the Proposed Granite Building stone quarry at Re Survey No. 325/11,332/5,332/11,332/10,332/3,332/1-1, Block No.29 in Kavanur village Ernad Taluk, Malappuram.(FIR received)  
SIA/KL/MIN/410913/2022, 2215/EC/2023/SEIAA**

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

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

1. **Renewal of Environment Clearance for the Building Stone Mine ( Minor Mineral Mining ) project of M/s Valluvanad Granites is situated at Survey Nos. 2/2 & 5/2 in Village - Lakkidi-Perrur 1st, Panchayat – Lakkidi-Perrur, Taluk - Ottapalam, District - Palakad, Kerala in an area of 4.8120 hectares.  
SIA/KL/MIN/162964/2020, 125/SEIAA/KL/2335/2013**

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

2. **Environmental Clearance for the Granite Stone Mining Project, M/s K Lekshmanan Infrastructure and Industries Pvt Ltd for an area of 0.9812 in Survey Nos. 222/4, 222/5, 222/28, 222/14, 229/1- 2, 229/15, 229/15-2-1, 229/15-2-2 (Pvt Land) and 222/13, 222/21, 222/23, 222/24 (Govt Land), Chadayamangalam Village, Kottarakkara, Taluk, Kollam SIA/KL/MIN/303257/2023 1730/EC2/2020/SEIAA**

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

### **CONSIDERATION OF TOR PROPOSALS**

1. **Proposed Sanitary Landfill Development (Phase II) For Disposing The Inerts Generated From Phase I Of The 200 TPD Waste-To-Energy Plant by M/s Blue Planet Palakkad Waste Solutions Pvt. Ltd  
SIA/KL/INFRA2/431610/2023 , 2340/EC3/SEIAA/2023**

**Decision :** The Committee examined the proposal and discussed the details. Accordingly, the Committee decided to recommend Standard ToR under category 7(i) “Common Municipal Solid Waste Management Facility” with the following additional studies:

1. Details of the proposed water sources for the project including the yield characteristics and source sustainability
2. Hydrological and hydrogeological characteristics of the area and specific impact on the upstream and downstream portion of the watershed in which the proposed site falls.

2. **Granite Building Stone Quarry of M/s.Amayoor Granites is at Re-Sy Block No: 2, Re-Sy. No: 33/8-2, of Pattambi Village and Re-Sy Block No: 24, Re- Sy. No's. 314/5 & 314/6 in Koppam Village over an area of 3.6733 hectares in Pattambi & Koppam Village, Pattambi Taluk, Palakkad District, Kerala of M/s.Amayoor Granites  
SIA/KL/MIN/438285/2023 , 2337/EC1/2023/SEIAA**

**Decision:** The Committee examined the proposal and discussed the details. As per the Cluster Certificate dated 15.07.2022, there are three other quarries within 500m radius altogether more than 5 ha. Accordingly, **the Committee decided to recommend Standard ToR under category 1 (a) Mining of Minerals with the following additional studies:**

1. EIA study should specifically consider the details of all the quarries that are operational including the ones that area not subjected to closure within the impact zone and impact assessed and environmental management plan prepared comprehensively.
2. Hydrological and hydrogeological characteristics of the area and specific impact on the upstream and downstream portion of the watershed in which the proposed site falls.

3. **Granite Building Stone Quarry of Mr.Saji K Elias is situated at Survey No's300/1, 300/2-1 over an area of 0.9586 hectares in Thiruvaniyoor Village, Kunnathunadu Taluk, Ernakulam SIA/KL/MIN/440620/2023 , 2339/EC1/2023/SEIAA**

**Decision:** The Committee examined the proposal and discussed the details. As per the Cluster Certificate dated 03.12.2022, there are six other quarries within 500m radius altogether more than 5 ha. Accordingly, **the Committee decided to recommend Standard ToR under category**

**1 (a) Mining of Minerals with the following additional studies:**

1. EIA study should specifically consider the details of all the quarries that are operational including the ones that area not subjected to closure within the impact zone and impact assessed and environmental management plan prepared comprehensively.
2. Hydrological and hydrogeological characteristics of the area and specific impact on the upstream and downstream portion of the watershed in which the proposed site falls.

4. **Granite Building Stone Quarry of Mr. Abraham Augustine with lease area of 1.3730 ha is located in Alakode Village, Thodupuzha Taluk, Idukki SIA/KL/MIN/440931/2023 , 2341/EC1/2023/SEIAA**

**Decision:** The Committee examined the proposal and discussed the details. As per the Cluster Certificate dated 30.03.2023, there are three other quarries within 500m radius altogether more than 5 ha. Accordingly, **the Committee decided to recommend Standard ToR under category**

**1 (a) Mining of Minerals with the following additional studies:**

1. EIA study should specifically consider the details of all the quarries that are operational including the ones that area not subjected to closure within the impact zone and impact assessed and environmental management plan prepared comprehensively.
2. Hydrological and hydrogeological characteristics of the area and specific impact on the upstream and downstream portion of the watershed in which the proposed site falls.

5. **Regularization of Existing Steel making and Rolling mill by M/s. World Wide Iron & Steels Pvt. Ltd. at Sy. Nos. 13/628,629,630, Pudussery Central Village, Palakkad Taluk and District SIA/KL/IND1/437098/2023 , 2338/EC1/2023/SEIAA**

**Decision:** The Committee examined the proposal and discussed the details. Accordingly, **the Committee decided to recommend Standard ToR under category 3(a) "c" Secondary Metallurgical Processing Industry with the following additional studies:**

1. Details of the proposed water sources for the project including the yield characteristics and source sustainability
2. Measures proposed for enhancing the recycling of used water, recharging the water sources and rainwater harvesting.

- 6. Granite Building Stone Quarry of Mr. Prakash N is situated at Re-Survey No's. 230/1, 230/4, 230/5, 230/9, 230/10, 230/11, 230/12, 231/5 over an area of 3.8148 hectares in Mangalam Dam Village, Alathur Taluk, Palakkad SIA/KL/MIN/441180/2023 , 2369/EC2/2023/SEIAA**

**Decision:** The Committee examined the proposal and discussed the details. As per the Cluster Certificate dated 21.07.2023, there are three other quarries within 500m radius altogether more than 5 ha. Accordingly, **the Committee decided to recommend Standard ToR under category**

**1 (a) Mining of Minerals with the following additional studies:**

1. EIA study should specifically consider the details of all the quarries that are operational including the ones that area not subjected to closure within the impact zone and impact assessed and environmental management plan prepared comprehensively.
2. Hydrological and hydrogeological characteristics of the area and specific impact on the upstream and downstream portion of the watershed in which the proposed site falls.

**General Decision**

The 137<sup>th</sup> SEAC meeting held on 24<sup>th</sup> and 25<sup>th</sup> January 2023 decided to constitute a sub-committee consisting of Dr. Manoharan A N., Dr. N. Ajithkumar and Dr. R Ajayakumar Varma to study the environmental feasibility of hard rock mining in small areas. The Committee discussed the report in detail, agreed with the details provided and decided to approve the report. The Committee also decided to forward the report to the SEIAA with recommendation to approve the report for implementation of its findings.

**The meeting came to an end at 5.30 pm with a vote of thanks to the Chair**

**It is decided to convene the 151<sup>st</sup> meeting of the SEAC on 25<sup>th</sup> and 26<sup>th</sup> September 2023.**

**Sd/-  
Suneel Pamidi, IFS  
Secretary, SEAC**

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



**LIST OF PARTICIPANTS:**

Sl.No.	Name	07.09.2023	08.09.2023
1	Dr.R.Ajayakumar Varma ( <b>Chairman</b> )	X	√
2	Shri. Sheik Hyder Hussain	√	√
3	Dr.A.Bijukumar.	X	X
4	Dr.A.N.Manoharan	√	√
5	Shri. M.Dileepkumar	X	X
6	Smt. Beena Govindan	√	√
7	Dr.C.C.Harilal	√	√
8	Dr.K.VasudevanPillai	√	√
9	Dr.MaheshMohan	√	√
10	Dr.K.N.Krishna kumar	√	√
11	V.Gopinathan	√	√
12	Dr.A.V.Raghu	√	√
13	Dr.N.Ajithkumar	√	√
14	Shri.Suneel Pamidi,IFS ( <b>Member Secretary</b> )	√	√