

Project Proponent subject to conditions on 22.11.2022 by revoking the Stop Memo. The Committee also noted that in the Mining Plan (approved on 03.08.2015) submitted during the issuance of EC, the mineable reserve is mentioned as 11,40,441 MT with an annual production of 3,00,000 MT and the life of mine is 4 years. Now the Proponent submitted another Mining plan approved on 26.11.2017 for revalidation in which the mineable reserve is mentioned as 20,00,000 MT with an annual production of 2,00,000 MT and the life of mine is 10 years. **The Committee decided to entrust Dr. R. Ajayakumar Varma for a detailed evaluation of the project** and submit a report for enabling further appraisal of the project.

140.22 Environmental Clearance for the proposed Granite Building stone Quarry Project in Block No. 22, Survey Nos. 41/1-2 of Vellilapally Village, Meenachil Taluk, Kottayam District by Sri. Alex Augustine, Chokkattu House, Kadanadu P.O., Kottayam (DEIAA, Kottayam

File No. 3197/EC3/2022/SEIAA

Decision: The Committee noted the decision of SEIAA 123rd SEIAA and decided to entrust Dr. Mahesh Mohan and Dr. K N Krishnakumar for field inspection and report.

PART 1

CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE

1. SIA/KL/MIN/239511/2021, 2096/EC4/2022/SEIAA

Environmental Clearance for the Granite Building Stone Quarry Project of M/s Elayadam Constructions Pvt. Ltd, in Re Sy. No. 285/2 and 6 at Purameri Village, Vadakara Taluk, Kozhikode District, Kerala State over an area of 0.9999 Ha. (Presentation)

Decision: The Committee examine the proposal and observed that the total mineable reserve is 358640 MT with maximum production of 1,20,000 MTA and the mine life is 4 years. The Project cost is 1.3 Cr. The nearest built structure is about 200m. The depth to water table is

reported as 10m bgl. As invited, the Proponent, Sri. Biju, and Sri. Hareesh G Thampy, RQP were present. The RQP made the presentation. The committee heard the presentation and observed that the proposed area partly falls in a moderate hazard zone and includes an abandoned quarry pit. The elevation difference of the site is 126m to 100 m amsl. The ultimate depth of mine proposed is 70m amsl. The proponent informed that the proposed area is more than 10km (11.90 km) and therefore the letter from DFO, regarding the distance from wildlife sanctuary has not been provided. The committee noted the following shortcomings.

1. Letter from the WL Warden stating the distance of the proposed area from the boundary of the WLS, width of the proposed/approved ESZ around the WLS and whether the site falls in the buffer zone or not.
2. PFR is prepared without referring to DSR.
3. EMP needs revision incorporating environmental issues identified in and around the site and site specific mitigation measures along with adequate budget .
4. CER needs revision to incorporate the physical targets identified based on stakeholder consultation and detailed implementation details.

Hence committee decided to entrust Dr. C C Harilal and Dr. A N Manoharan for field inspection and report.

2. SIA/KL/MIN/260249/2022 , 1976/EC1/2022/SEIAA

Environmental Clearance for the Proposed Granite (Building Stone) Quarry of Sri.P. A. SAID MUHAMMED, Managing Partner, M/s KORIAN GRANITES in Re-Survey No. 201/1 in Keralassery Village, Ottappalam Taluk, Palakkad District, Kerala for an extent of 0.5684 Ha (Presentation)

Decision: The Committee examined the project and observed that the total mineable reserve is 55445 MT and average annual production is 20,000 MT for a proposed mine life of 3 years. The Chulanur Peafowl Sanctuary is at 11.5 Kms. The medium hazard zone is at 6.40 km and High hazard zone is at 14 km. The project cost is 45 lakh. As invited, the project proponent, Sri. Said Muhammed, and RQP Sri. V K Roy were present. The RQP made the presentation. The Proponent submitted that there are no houses within 200m except one dilapidated house at 61m. The highest and lowest elevations are 65m & 55m above MSL. The proposed area does not fall

in a hazard zone. Some portion of the proposed area is already mined. The present land use pattern in Form 1 is stated only about the green belt. The ultimate mine depth proposed is 40m above msl. The depth to water table is 8-10m bgl. The Committee noted the submission of the RQP that the project is located in Palakkad taluk though it is mentioned as Ottapalam in the application. Based on discussions, the Committee decided to seek the following additional details.

1. Revised Project cost incorporating all the capital and recurring cost of the project including the provision of haulage road.
2. Revised EMP incorporating the environmental issues of the site and surrounding areas and site specific mitigation measures along with adequate budget.
3. Revised CER as per OM dated 30.09.2020 of MoEFCC incorporating monitorable physical targets evolved through stakeholder consultation and proof of stakeholder consultation and detailed work plan and budget.
4. PFR need revision by considering the DSR.
5. Detailed Biodiversity study report.
6. Recently certified legible survey map.
7. Present land use pattern and greenbelt plan.
8. Compensatory afforestation plan along with coordinates of the proposed site, geo-tagged photographs of the site and consent/ownership details as the site proposed for compensatory afforestation plan is not feasible.
9. Requirement and source of water along with source sustainability.
10. Detailed drainage plan and management plan for the check dam.
11. Pre-mining and postmining land use scenario in and around the proposed site
12. Post closure environmental scenario/post-mining land use plan of the proposed site. .

3. SIA/KL/MIN/278399/2022, 2095/EC4/2022/SEIAA

Environmental Clearance for the Granite Building Stone Quarry Project of Sri. K. Gangadharan at Re-Survey No. 151/1 of Puthur Village, Thalassery Taluk, Kannur District, Kerala for an area of 0.8456 hectare. (Presentation)

Decision: The proponent intimated that his environment consultant (M/s Environmental Engineers and Consultants Pvt. Ltd.) and his team is engaged in the re-accreditation audit of the organization during the same period and hence the consultant is not available. So, they requested to consider his proposal in the next SEAC meeting or any subsequent meeting as per the convenience of SEAC. **Hence committee decided to invite the proponent for presentation in the next SEAC meeting.**

**4. SIA/KL/MIN/279609/2022 , 2119/EC2/2022/SEIAA
Environmental Clearance for Laterite building stone quarry of Mr Pratheep K. C
over an extent of 0.0971 Ha, Survey No- 628/1A1pt12 in Munnad Village, Kasargod
Taluk, Kasargod District, Kerala (Presentation)**

Decision: The Committee examined the proposal and observed that the mining of laterite is proposed from an area of 0.0971 Ha with total mineable reserve of 4300 Metric Ton and life of mine of 1 year. The depth to water table is reported as 6 m below ground level measured in a well at a distance of 98m. The Proponent, Sri. Pratheep K C, and RQP Sri. A Muhammed Kunhi attended the presentation. The RQP made the presentation. The mining is proposed for a depth of 3m. Based on discussions, the Committee decided to seek additional documents from the Proponent.

1. Recently certified legible survey map from the Village Office indicating distance to all the built structures, road etc up to 100m from the project boundary.
2. Drainage plan so as to prevent waterlogging in the area.
3. Geotagged photographs of the site.
4. Post mining land use of the site on closure of the mine.

**5. SIA/KL/MIN/280486/2022, 2135/EC2/2022/SEIAA
Environmental Clearance for the proposed Granite (Building Stone) Quarry of area
0.9125 Ha in Block No. 26, Re-Survey Nos: 152/5pt, 152/6pt & 155/12pt of Valakom
Village, Kottarakkara Taluk, Kollam District, Kerala of N Asokan (Presentation)**

Decision: The Committee examined the proposal and noted that the total mineable reserves is 1,51,842.5 MT and the average rate of production is 50,614 MT per annum and the Project cost

is 1.58 Cr.. The life of mine is 3 years and the nearest house reported is at 77.4m. The Proponent, Sri. N Asokan , and the RQP Sri. V K Roy attended the presentation. The RQP made the presentation. The committee observed that there are 8 houses situated within 50m to 150m and the elevation difference of the site is 133m and 109m above msl. The depth to water table is 8 to 10m bgl measured from a well at a distance of 130m. The proposed area is not in landslide hazard zone. Based on discussions, the Committee directed the Proponent to submit the following additional documents.

1. Revised CER as per the norms incorporating monitorable physical targets decided based on stakeholder consultation, proof of stakeholder consultation and detailed implementation plan of the proposals
2. Recently certified legible survey map from the concerned Village Office showing all the houses other built structures, road, etc within 200m from the boundary of the project area
3. Recent Cluster Certificate from Mining & Geology Department.
4. Revised EMP incorporating the environmental issues of the site and surrounding areas and site specific mitigation measures along with adequate budget.
5. Compensatory afforestation plan along with coordinates of the proposed site, geo-tagged photographs of the site and consent/ownership details
6. Post closure environmental scenario/post-mining land use plan of the proposed site.

6. SIA/KL/MIN/284986/2022 , 2122/EC1/2022/SEIAA

Granite Building Stone Quarry of Mr. P. P Asharaf at Survey No.305/1A and 305/1B in Thrithala Village, Pattambi Taluk, Palakkad District, Kerala (Presentation)

Decision: The Committee examined the proposal and noted that the proposed site is of extent 0.9691Ha with total mineable reserve of 270400 MT and mine life of 5 years. The depth to water table is 7m bgl or 58 m above MSL. The ultimate mine depth will be 55m above MSL. The Proponent, Mr. P P Ashraf, and RQP, Mr. Nazar Ahmmed attended the presentation. The RQP made the presentation. The elevation difference is 75m to 65m above msl and an abandoned quarry is located adjacent to the proposed area. The Peechi –Vazhani wildlife sanctuary is

situated more than 24km. Based on discussions, the Committee directed the Proponent to submit the following documents:

1. Revised CER as per the norms incorporating monitorable physical targets decided based on stakeholder consultation, proof of stakeholder consultation and detailed implementation plan of the proposals
2. Revised EMP incorporating the environmental issues of the site and surrounding areas and site specific mitigation measures along with adequate budget.
3. Revised PFR in reference to the DSR
4. Compensatory afforestation plan along with coordinates of the proposed site, geo-tagged photographs of the site and consent/ownership details
5. Recently certified legible survey map from the concerned Village Office showing all the houses other built structures, road, etc within 200m from the boundary of the project area
6. Recent Cluster Certificate from Mining & Geology Department.
7. Detailed drainage plan
8. Depth to water table monitored in the nearest dug well.
9. Post closure environmental scenario/post-mining land use plan of the proposed site.

7. SIA/KL/MIN/400725/2022 , 2128/EC6/2022/SEIAA

Environmental Clearance for Laterite building stone quarry of Mr. Mohammed Shafi. E over an extent of 0.8593 Ha, Re-Survey No- 449/2 in Vazhakkad Village, Kondotty Taluk, Malappuram District, Kerala. (Presentation)

Decision: The Committee examined the proposal for laterite extraction from an area of 0.8593 Ha with total mineable resource of 84556.5 MT and proposed mine life of 4 years. As invited, the Proponent, Sri. Mohammed Shafi, and RQP, Dr. Nazar Ahmed were present. The RQP made the presentation. The Kml file is not properly uploaded. The proposed area is located on Mailadikunnu, about 0.01km away from the moderate hazard zone on the slope. The nearest well is 176.76m from BP1. The committee observed that the site elevation given in the lithosection & contour map are different. The Committee decided to direct the Proponent to submit the following documents:

1. Revised CER as per the norms incorporating monitorable physical targets decided based on stakeholder consultation, proof of stakeholder consultation and detailed implementation plan of the proposals
2. Revised EMP incorporating the environmental issues of the site and surrounding areas and site specific mitigation measures along with adequate budget.
3. Detailed drainage plan to avoid stagnation of water in the quarry pit
4. Depth to water table monitored in the nearest dug well.
5. Risk Management Plan as the site is located on the slope adjacent to the moderate hazard zone
6. Clarification on the type of road adjacent to the site
7. Clarification on the actual elevation of the site as the same given in litho-section is different from that given in the contour map.
8. Post mining land use of the site on closure of the mine.
9. Kml file is to be provided.

8. SIA/KL/MIN/402677/2022, 2151/EC3/2022/SEIAA

Environmental clearance for Ordinary Earth Mining Project of Ms. Sanija Willson at Re.Survey No.385/2-4, 385/3-4 Mulanthuruthy Village, Kanayannoor Taluk, Ernakulam, Kerala Over an area of 0.5666 Ha. (Presentation)

Decision: The Committee examined the proposal and noted that the total quantity to be extracted is 50112MT and mine life is 3years. The depth to water table proposed is 6m bgl. The Committee verified the documents submitted by the proponent and observed that the earlier application of the proponent was rejected by the 119th SEIAA due to a contradiction in the documents submitted by the Proponent. Now the proponent has submitted a fresh application. The Proponent, Smt. Sanija Wilson, and RQP Sri. Nazar Ahmmed attended the presentation. The RQP made the presentation. The committee heard the presentation and observed that the nearest built structure is at 7m but it is not mentioned in the survey map. The committee found that CER is not provided. **The committee entrusted Dr. K N Krishnakumar & Dr. Mahesh Mohan for field inspection and report.**

9. SIA/KL/MIN/402921/2022, 2146/EC3/2022/SEIAA –

The building stone quarry project is situated at Survey Block No. 27, Re-Survey Nos. 231/19, 231/21, 231/8, 231/25, 231/30, 231/28-1, 231/28, 231/7, 231/27, 231/26, 231/29, 231/22, 231/6-8, 231/6-1, 231/6-3, 231/23, 177/9, 177/8, 231/9, 231/32, 231/33 in Vellavoor Village, Changanacherry Taluk, Kottayam District, Kerala for total mine permit area of 0.5141 Ha.of Sri. K. J. Thomaskutty (Presentation)

Decision: The Committee examined the proposal and noted that the total mineable reserve is 112128MT (annual production 37376 MTA) and mine life is 3 years. The nearest built structure is at 55.4m and the moderate hazard zone is at a distance of 3.01 km. The project area situated 3km from medium hazard zone. The Periyar Wild Life Sanctuary is more than 24km away from the proposed area. As invited, Sri. Sibi Mathew with authorization letter of the PP Sri. Thomas Kutty, and RQP, Sri. Jayachandra Panicker attended the presentation. The RQP made the presentation. The Committee observed that a crusher unit Is located 60m away from the proposed area and an abandoned quarry was working upto 2017 near the proposed area. The mine seems to have not implemented any mine closure plan and the proponent intimated that he had remitted fine to Mining & Geology for over-extraction. Based on discussions, the Committee decided to direct the Proponent to submit the following documents.

1. Revised CER as per the norms incorporating monitorable physical targets decided based on stakeholder consultation, proof of stakeholder consultation and detailed implementation plan of the proposals
2. Revised EMP incorporating the environmental issues of the site and surrounding areas and site specific mitigation measures along with adequate budget.
3. Compensatory afforestation plan along with coordinates of the proposed site, geo-tagged photographs of the site and consent/ownership details
4. Recently certified legible survey map from the concerned Village Office showing all the houses other built structures, road, etc within 200m from the boundary of the project area
5. Kml file.
6. The depth to water table monitored in the nearest dug well along with geotagged photographs.
7. Reason for non-closure of the adjacent abandoned quarry owned by the proponent.
8. Post closure environmental scenario/post-mining land use plan of the proposed site.

10. SIA/KL/MIN/403045/2022, 2168/EC2/2022/SEIAA

The Laterite Building Stone Quarry (Minor Mineral) mining project of G UNNIKRIISHNAN is situated in Block No. 1, Re-Survey No: 483/1-1 of Sooranad North Village, Kunnathur Taluk, Kollam District, Kerala for an extent of 0.0809 hectares (Presentation)

Decision: The Committee examined the proposal. As invited, the authorized person, Mrs. Sherly Unnikrishnan, w/o of the PP with authorization letter of the PP, and RQP, Mr. V K Roy were present. The RQP made the presentation. The application was submitted for an area of 0.0809 Ha with total mineable resource of 5144 MT and life of mine of 1 year. The depth to water table is 15 m bgl. Based on discussions, the committee decided to recommend EC for the life of mine of one year subject to the condition that a buffer distance of 50m shall be provided between the houses and the project boundary and with the following specific conditions in addition to general conditions:

1. The excavation activity associated should not involve blasting.
2. The excavation activity should be restricted to 2m above the ground water 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 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 emission by covering of 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 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 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 as per norms
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/403254/2022, 2172/EC4/SEIAA/2022

Environmental Clearance for Laterite building stone quarry of Mr. George Joseph, over an extent of 0.1936 Ha, at Re-Survey No.143/61,63(143/1) in Perumanna Village, Kozhikode Taluk, Kozhikode District, Kerala, for an extent of 0.1936 Ha (Presentation)

Decision: The Committee examined the Proposal and noted that the total mineable reserve is 28740 M T (recoverable quantity 20118 MT) and mine life is 2 years. The elevation difference is 95-88m and the mine void is 6m. The nearest house is at 121.2m. As invited, the Proponent, Sri. George Joseph, and the RQP Sri. Nazar Ahmmed were present. The RQP made the presentation. The Committee observed that the proposed area does not fall in any hazard zone. The depth to watertable is 8m bgl in the well at a distance of 160m. Based on discussions, the Committee decided to direct the Proponent to submit the following documents.

1. Revised CER as per OM dated 30.09.2020 of MoEF&CC
2. Detailed drainage plan depicted in a map.
3. Depth to water table measured in the nearest dug well
4. Reason for non-closure of the adjacent abandoned quarry owned by the proponent.
5. Post closure land use plan for the proposed site.
6. Kml file

12. SIA/KL/MIN/404161/2022, 2152/EC4/2022/SEIAA

Environmental Clearance for the proposed Granite Building Stone Quarry of Mr. Abdul Gafoor over an extent of 0.4187 Ha. Re Survey Nos. 15/5 in Ulliyeri Village, Koyilandy Taluk, Kozhikode District, Kerala. (Presentation)

Decision: The Committee examined the proposal and noted that the total mineable reserve is 57845 MT (11569 TPA) and mine life is 5 years. The depth to water table is 8m bgl. The site does not fall in any landslide hazard zone. The Committee verified the documents submitted by the proponent and found that mining should be limited at 60m above MSL. The Malabar Wildlife Sanctuary is reported at 10 km. As invited, the Proponent, Mr. Abdul Gafoor, and the RQP, Mr. Nazar Ahmmmed were present. The RQP made the presentation. The Committee observed that the nearest house is reported at 154.16m and depth to water table is 57m above MSL. The ultimate mine depth proposed is 55m MSL. The mining has to be limited to 60m amsl considering the depth of water table. Based on discussions, the Committee decided to direct the proponent to submit the following additional documents:

1. Revised CER as per the norms incorporating monitorable physical targets decided based on stakeholder consultation, proof of stakeholder consultation and detailed implementation plan of the proposals
2. Revised EMP incorporating the environmental issues of the site and surrounding areas and site specific mitigation measures along with adequate budget.
3. Compensatory afforestation plan along with coordinates of the proposed site, geo-tagged photographs of the site and consent/ownership details
4. The depth to water table monitored in the nearest dug well along with geotagged photographs.
5. Letter from the WL Warden stating the distance of the proposed area from the boundary of the WLS and also the distance of the distance of proposed/approved ESD and also whether the site falls within the ESZ.
6. Post closure environmental scenario/post-mining land use plan of the proposed site.

13. SIA/KL/MIN/404403/2022, 2141/EC4/2022/SEIAA

Environmental Clearance for the Proposed Laterite (Building Stone) Quarry in Block No. 91, Re-Survey No: 46/1373 of Kaliyad Village, Iritty Taluk, Kannur District, Kerala for an extent of 0.0971 Ha. (Presentation)

Decision: As invited, the Proponent, Mr. E Naseer, and the RQP Mr. V K Roy were present. The RQP made the presentation. The committee heard the presentation and observed that the

total mineable reserve is 12137.5 MT (proposed production is 8,496.25TPA) and mine life is 1 year. The depth to watertable reported is 12m bgl. The distance to the nearest house is 160m. The Project cost is 3.2 lakh. The committee verified the documents submitted by the Proponent and found them satisfactory. Based on discussions, the Committee decided to recommend EC for the mine life of 1 year with the following specific conditions, in addition to general conditions.

1. The excavation activity associated should not involve blasting.
2. The excavation activity should be restricted to 2m above the ground water 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 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 emission by covering of 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 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 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 as per norms
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/404425/2022, 2149/EC4/2022/SEIAA

Environmental Clearance for the proposed, at Re-Survey No-54/1B (71) in Kuttikkattur Village, Kozhikode Taluk, Kozhikode District, and Kerala for an extent of 0.6637 Ha (Presentation)

Decision: The Committee examined the proposal submitted for an area of 0.6637 Ha with total mineable reserve of 82962.5 MT (Recoverable quantity is 58073.75 TPA) and life of mine of 4 years. The nearest house is at 118m and the depth to water table is reported as 8m bgl. As invited, the Proponent, Mr. Abdul Vahid A T, and the RQP, Mr. Nazar Ahmmed, were present. The RQP made the presentation. Based on discussions, the Committee decided to direct the Proponent to submit the following details/documents:

1. Revised CER as per the norms incorporating monitorable physical targets decided based on stakeholder consultation, proof of stakeholder consultation and detailed implementation plan of the proposals
2. Revised EMP incorporating the environmental issues of the site and surrounding areas and site specific mitigation measures along with adequate budget.
3. Revised drainage map and details of garland drains, silt traps, siltations, overflow channels and connectivity to natural drain.
4. Site photographs.
5. Hazard zonation map.

15. SIA/KL/MIN/404478/2022, 2142/EC4/2022/SEIAA

Environmental Clearance for the Proposed Laterite (Building Stone) Quarry in Block No. 92, Re-Survey No: 23/813 of Kaliyad Village, Iritty Taluk, Kannur District, Kerala for an extent of 0.1942 Ha (Presentation)

Decision: The Committee examined the proposal and noted that the total mineable reserve is 15,741.25 MT, mine life is 1 year and project cost is 5 lakhs. The presentation is attended by the Proponent, Mr. Abdul Asees K P, and RQP Mr. V K Roy were present. It is observed that a shed is seen within the distance of 50 m, but the certified survey map of the Village officer does not indicate any built structure within 100m. Moderate hazard zone is at 308m. Based on

discussions, the Committee decided to direct the Proponent to submit the following documents/details:

1. Depth to watertable in the nearest dugwell with geotagged photographs of the well and distance from proposed area to the well.
2. Clarification whether the beneficiary as per the CER belongs to the list of life mission beneficiaries or any other Govt. schemes or member of BPL family, if so proof.
3. Clarification whether there is any built structure within the distance of 50m from the project boundary.
4. Post closure land use plan for the proposed site.

16. SIA/KL/MIN/405222/2022 , 2145/EC4/2022/SEIAA

Environmental Clearance for Laterite building stone quarry of Mr. Aji over an extent of 0.1886 Ha, Re-Survey No.33/225,33/262 in Kakkad Village, Kozhikode Taluk, Kozhikode District, Kerala (Presentation)

Decision: The Committee examined the Proposal and noted that the total proposed mineable reserve is 16502.5 MT and the nearest house is at 103m. As invited, the Proponent, Sri. Aji, and RQP Sri. Nazar Ahmmmed were present. The RQP made the presentation. The elevation difference is 162m and 144m above MSL and the depth to watertable is 8.2m bgl in a well at 141.1m away from the proposed area. The Iruvazhinji puzha is situated at a distance of 1.55km. Based on discussions, the Committee decided to direct the Proponent to submit the following documents/details:

1. Revised CER as per the norms incorporating monitorable physical targets decided based on stakeholder consultation, proof of stakeholder consultation and detailed implementation plan of the proposals
2. Revised EMP incorporating the environmental issues of the site and surrounding areas and site specific mitigation measures along with adequate budget.
3. Revised drainage plan to avoid stagnation of water in the mine pit.
4. Post closure land use plan for the proposed site.

17. SIA/KL/MIN/406956/2022 , 2155/EC1/2022/SEIAA

Environmental Clearance for Laterite building stone quarry of Sri. Muhammed, over an extent of 0.0809 Ha, Survey No. 385/3 in Kappur Village, Pattambi Taluk, Palakkad District, Kerala (Presentation)

Decision: The Committee examined the proposal and noted that the total reserve is 12135MT and the recoverable quantity is 8494.5 MTA with life of mine of 1 year. The elevation difference of the site is 50m to 53m above MSL and the nearest house is at 62 m north. The Project cost is 15 lakhs. As invited, the Proponent, Mr. Mohammed K P, and RQP, Mr. Nazar Ahammed were present. The RQP made the presentation. The committee observed that Peechi Vazhani wildlife sanctuary is situated more than 28km and Bharathapuzha river is at 7.9km. Based on discussions, the Committee decided to direct the Proponent to submit the following details/documents:

1. Revised CER as per the norms incorporating monitorable physical targets decided based on stakeholder consultation, proof of stakeholder consultation and detailed implementation plan of the proposals
2. Revised EMP incorporating the environmental issues of the site and surrounding areas and site specific mitigation measures along with adequate budget.
3. Revised drainage plan to avoid stagnation of water in the mine pit.
4. Recent Cluster Certificate.
7. Post closure land use plan for the proposed site.

18. SIA/KL/MIN/407320/2022, 2171/EC4/2022/SEIAA

Environmental Clearance for the Proposed Laterite (Building Stone) Quarry in Block No. 107, Re-Survey No: 86/2503 of Maniyoor Village, Thaliparamba Taluk, Kannur District, Kerala for an extent of 0.0972 Ha (Presentation)

Decision: The Committee examined the proposal and noted that the average proposed production is 8,505 MT and mine life is 1 year. The depth to the water table is 20m bgl and the elevation of the site varies from 97m to 103m above MSL. The Project cost is 2.5 lakhs. As invited, the Authorized person, Sri. Manikandan with authorization letter of the PP Sri. Shijil, and the RQP,

Sri. V K Roy were present. The RQP made the presentation. The Committee observed that a house is situated at 95m and there is a slope from north to south direction of the proposed area.

1. Clarification whether the beneficiary as per the CER belongs to the list of life mission beneficiaries or any other Govt. schemes or member of BPL family, if so proof.
2. Site photographs with geo-coordinates.
3. Post closure land use plan for the proposed site.

19. SIA/KL/MIN/407328/2022, 2157/EC4/2022/SEIAA

Environmental Clearance for the Proposed Laterite (Building Stone) Quarry in Re-Survey No: 26/162 of Panappuzha Village, Payyannur Taluk, Kannur District, Kerala for an extent of 0.2913 Ha. (Presentation)

Decision: The Committee examined the proposal and noted that the targeted production is 25,488.75 MT and life of mine is 3 years. The total project cost is 6.77 lakh. The depth to the water table is reported as 20m bgl and the mining is proposed to a depth of 5m. The Project cost is 6.77lakh. The Committee also observed that the documents submitted by the proponent indicates that there is a shed within 20m as per kml file. As invited, the Proponent, Sri. C P Sugunan, and the RQP, Sri. V K Roy were present. The RQP made the presentation. The RQP clarified that the shed within 20m is a temporary shed and is a resting place for laborers. Based on discussions, the committee decided to direct the proponent to submit the following documents/details:

1. Revised CER as per the norms incorporating monitorable physical targets decided based on stakeholder consultation, proof of stakeholder consultation and detailed implementation plan of the proposals
2. Revised EMP incorporating the environmental issues of the site and surrounding areas and site specific mitigation measures along with adequate budget.
3. Revised drainage plan to avoid stagnation of water in the mine pit.
4. Post closure land use plan for the proposed site.

20. SIA/KL/MIN/408064/2022 , 2182/EC6/2023/SEIAA

Environmental Clearance for Laterite building stone quarry of Mr. Muhammed Afsal.T over an extent of 0.5579 Ha, Re-Survey No-134/2-9, 134/2-23, 137/3, 137/4 in Pulikkal Village, Kondotty Taluk, Malappuram District, Kerala. (Presentation)

Decision: The Committee examined the proposal and noted the recoverable reserve is 53697.875 MT and mine life is 3 years. The project cost is 20 lakh and the depth of final void is reported as 6m. As invited, the Proponent, Sri. Muhammed Afsal, and RQP, Sri. Nazar Ahmmed were present. The RQP made the presentation. The Committee observed that the nearest house is at 68.5m as per the survey map. Based on discussions, the Committee decided to direct the proponent to submit the following additional documents:

1. Revised CER as per the norms incorporating monitorable physical targets decided based on stakeholder consultation, proof of stakeholder consultation and detailed implementation plan of the proposals
2. Revised EMP incorporating the environmental issues of the site and surrounding areas and site specific mitigation measures along with adequate budget.
3. Depth to water table monitored in the nearest dug well along with its geotagged photographs of the well
4. KML file with boundary pillars
5. Post closure land use plan for the proposed site.

21. SIA/KL/MIN/408697/2022 , 2183/EC6/2023/SEIAA

Environmental Clearance for Laterite building stone quarry of Mr. Abu Thahir. P. K over an extent of 0.9496 Ha, Re-Survey No-339/8,338/1-1,477/1-1 in Vazhakkad Village, Kondotty Taluk, Malappuram District, Kerala. (Presentation)

Decision: The Committee examined the proposal and noted that the recoverable reserve is 99708 MT and mine life is 3 years. The depth of mine void is 6m. The project cost is 30 lakhs. As invited, the Proponent, Sri. Abu Thahir, and RQP, Sri. Nazar Ahmmed were present. The RQP made the presentation. The Committee observed that the proposed area is at a distance of

105.44m from medium hazard zone. Based on discussions, the committee decided to direct the proponent to submit the following additional documents:

1. Compliance report from the proponent for the adjacent quarry of area 0.7649 Ha
2. Revised CER as per the norms 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.
4. KML file with boundary pillars
5. Revised drainage plan to avoid stagnation of water in the mine pit.
6. Post closure land use plan for the proposed site.

22. SIA/KL/MIN/409313/2022, 2170/EC2/2022/SEIAA

Laterite Building Stone Quarry project is situated at Survey No.56/1A in Kinanur Village, Vellarikund Taluk, Kasaragod District, Kerala for total mine permit area of 0.0971 Ha of Sri. Pradeep.T (Presentation)

Decision: The Committee examined the proposal and noted that the total recoverable resource is 4300 MT and the life of mine is 1 year. The project cost is Rs.15 lakh. As invited, the Proponent, Sri. Pradeep T, and the RQP, Sri. Muhammed Kunhi were present. The RQP made the presentation. The Committee observed that high hazard is at distance of 4.54km and nearest house at 180m. The depth to water table is 10m bgl. Based on discussions, the Committee decided to direct the proponent to submit the following additional documents:

1. Cluster certificate from Mining and Geology Department
2. Revised EMP incorporating the environmental issues of the site and surrounding areas and site specific mitigation measures along with adequate budget.
3. Recently certified survey map from the concerned Village Office showing all the built structure, road, etc within 100m from the boundary of the project area
4. Depth to water table monitored in the nearest dug well along with geo-tagged photographs of the well.
5. Post closure land use plan for the proposed site.

23. SIA/KL/MIN/409820/2022 , 2176/EC2/2022/SEIAA

The Laterite Building Stone Quarry project of Mr. Dineshan. K, is situated at ReSurvey Nos.403/2pt in Bedadukka Village, Kasaragod Taluk, Kasaragod District, Kerala for total mine permit area of 0.0971 Ha. (Presentation)

Decision: The Committee examined the proposal and noted that the recoverable resource is 4100 MT and mine life is 1 year. The project cost is Rs.10 lakh. The final void is 4m bgl and the depth to water table is 13m bgl. There is a shed at 33m which is used as a pump shed. As invited, the Proponent, Mr. Dineshan K, and the RQP, Mr. Muhammed Kunhi were present. The RQP made the presentation. Based on discussions, the Committee decided to recommend EC for a period of One year as per OM dated 24.6.2013, pertaining to brick earth or ordinary earth up to an area less than 5 Ha and with the following specific conditions in addition to general conditions:

1. The excavation activity associated should not involve blasting.
2. The excavation activity should be restricted to a maximum depth of 2m below general ground level at the site.
3. The excavation activity should be restricted to 2m above the ground water table at the site.
4. The excavation activity should not alter the natural drainage pattern of the area.
5. The excavated pit should be restored by the project proponent for useful purpose.
6. Appropriate fencing all around the excavated pit should be made to prevent any mishap
7. Measures should be taken to prevent dust emission by covering of excavated earth during transportation.
8. Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to excavation of earth.
9. Workers/labourers should be provided with facilities for drinking water and sanitation.
10. A berm should be left from the boundary of adjoining field having a width equal to at least half the depth of proposed excavation.
11. A minimum distance of 15m from any civil structure should be kept from the periphery of the project area.
12. 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.

13. 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.
14. The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.
15. Measures incorporated in the CER should be implemented as per norms
16. Transportation of mined material should not be done during the peak hours in the forenoon (8.30am to 10.00am) and afternoon (3.30pm to 5 pm).

PART 2

CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE

1. SIA/KL/INFRA2/404656/2022 , 2140/EC1/2022/SEIAA

Environmental Clearance for the Proposed City Side Developmental Project at Pettah Village, Thiruvananthapuram Municipal Corporation, Taluk & District, Kerala to be developed by M/s Adani Airport Holdings Limited. (Field Inspection Report Received)

Decision: The Committee examined the proposal and found that the proposal includes construction of a hotel (240 rooms), F&B (660 seats) and allied installations. The committee discussed the field inspection report conducted on 18.02.2023 and observed that the total plot area of the proposed project is 0.8093 ha (8,093.64 sq.m) and the total built-up area is 33,903 sqm. As per the FIR the Committee noted the following:

1. Proposal for rainwater harvesting is not having location, size, calculations for storm water generation etc.
2. Proposal for harnessing solar energy for meeting partial power requirement of about 7.20%. However, there is no provision/ details provided for KSEB Grid Connection.
3. Proposal for planting suitable trees and plants to compensate for the trees cut from the project area and for ensuring greenery in the area is not specific.
4. EMP cost proposed is about 3.73 % and it is not adequate to address all mitigation measures.

5. Parking for vehicles proposed is 348 Cars + 1,318 sq.m. space for two-wheeler but compensation for the loss of present vehicle parking facility is not given.

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

1. Proposal for more efficient waste water treatment technologies in lieu of MBBR system for efficient handling of the flexible sewage generation load of Hotel, for ensuring better treatment efficiency for ensuring reuse / recycle of treated waste water.
2. Submit a revised storm water management plan incorporating rooftop collection, ground water recharging and rainwater storage and replenishment.
3. Provide details of treatment proposed for improving the quality of roof-top harvested rainwater for ensuring enhanced recycling and reuse within the compound.
4. Explore the possibility of increasing solar power generation from the present level of 7.21 % to higher level and connecting it to KSEB Grid, for ensuring better usage of non-conventional energy.
5. Explore the possibility increasing the use of solar power for lighting systems in the common places of the proposed hotel compound.
6. Proposal for planting suitable trees and plants to compensate for the trees cut from the project area and for ensuring development of a green belt in the area using indigenous species.
7. Provide details /action taken for compensating the loss of existing vehicle parking facilities available in the project site and adding up of additional parking requirements as per the KMBR provisions.
8. Provide a revised EMP addressing the mitigation of all the environmental issues anticipated during the planning, construction and operational phases of the project as the one submitted with only 3.73 % of the project cost seems inadequate.

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

Granite Building Stone Quarry over an extent of 4.4601 Hectares in Re-Survey Nos. 178/12pt, 178/11pt, 178/13pt, 168/6pt, 168/9pt, 168/10, 168/11pt, 183pt, 175/1pt, 177/1pt, 177/2pt & 178/1pt, at Pallickal Village, Block No.-26 of Varkala Taluk, Thiruvananthapuram District, Kerala State M/s. Crystal Granites (Presentation).

Decision: As per the decision of the 138th SEAC meeting the presentation of the project before the Committee should be done by the RQP or the EIA coordinator who prepared the Mining plan/ EIA report. The RQP who prepared the approved Mining Plan was absent, so, the committee decided to defer the item and to give one more chance to the project proponent for presentation of the project by the RQP.

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

Granite Building Stone Quarry of Sri. Baiju Joseph” over an extent of 0.9307 Ha. (2.2997 Acres) at Sy Nos. 463/5-4, 468/3-1 & 468/4-1, Thirumarady Village, Muvattupuzha Taluk, Ernakulam District, Kerala (Additional documents received).

Decision: The Committee examined the proposal and noted that the mineable reserves is 2,54,200.00 MT and average production proposed is 49,640.00 TPA. The life of mine is 6 years. The high and medium hazard zone is at 19.42km & 10.98km. The highest and lowest elevation are 90m and 70m. The Nedumala reserve forest is at 10.2km and Thattekad Bird sanctuary is at 27.24km from the proposed area. The ultimate mine void depth is 23 m amsl and the depth to water table is 3m bgl. The presentation was done in the 138th SEAC meeting. The committee verified the documents submitted by the proponent and found them satisfactory. **The committee decided to entrust Dr. Mahesh Mohan & Dr. K N Krishnakumar for field inspection and report.**

4. SIA/KL/MIN/165802/2020, 2191/EC2/2023/SEIAA

Environment clearance in respect of the Proposed Granite Building Stone Quarry over an extent of 0.4445 Hectares in Survey Nos. 41/6-2, 41/7pt , 41/8pt, 41/9-3, 41/9-

**4-1 & 41/9-4-1-2 of Velinalloor Village, Kottarakara Taluk, Kollam District, Kerala
by Mr. Udayan S (Presentation)**

Decision: As per the decision of the 138th SEAC meeting the presentation of the project before the Committee should be done by the RQP or the EIA coordinator who prepared the Mining plan/ EIA report. The RQP who prepared the approved Mining Plan was absent, so, the committee decided to defer the item and to give one more chance to the project proponent for presentation of the project by the RQP.

5. SIA/KL/MIN/189134/2020, 1953/EC3/2022/SEIAA

**Environmental Clearance for the building stone quarry at Re-Survey No. 10/1- 2,
10/1-3,10/9,Block No.16 of Mookkannoor Village, Aluva Taluk, Ernakulam District,
Kerala for an Area of 0.7694 Ha. (Presentation)**

Decision: The Committee examined the proposal and noted that the total mineable reserve is 170193 MT (average annual production 26387 TPA) and mine life is 5 years. The depth to water table is 13m bgl. The nearest house is at 270m. The filed inspection was conducted and the Committee verified all the documents sought and observed that the Proponent submitted all the documents except willingness to constitute a monitoring committee under the chairmanship of the elected ward member, representative of the proposed mining project and representatives of the complainants, stating that the complainants are residing 300m from the area. Instead, the Project Proponent submitted the consent from the nearby families residing near the haulage road. As invited, the Proponent, Sri. Amal P Wilson, and the RQP Sri. Balaraman were present. The RQP made the presentation. The committee heard the presentation and decided to direct the Proponent to submit the following.

1. Road widening plan along with coordinates of the part of the road proposed to be widened.
2. Mitigative measures for the environmental and social issues raised by the complainants.
3. Post closure environmental scenario/post-mining land use plan of the proposed site.

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

Environmental Clearance for the Building Stone Quarry of Sri. Sukumaran. K in Survey No.364 of Nagalassery Village, Pattambi Taluk, Palakkad District, Kerala (Presentation)

Decision: As per the direction of 122nd SEIAA, Committee heard the Proponent and RQP and reconfirmed the decisions taken in the 135th meeting of SEAC. Accordingly, the Committee decided to adhere to the decision taken to recommend EC for a mine life of 3 years subject to the following specific conditions in addition to general conditions.

1. The haulage road should be developed prior to the commencement of mining and it should be maintained well and dust-free with sprinkling arrangement.
2. Buffer zones should be demarcated and green belt should be developed by planting trees, climbers and herbs as mentioned in the biodiversity assessment report.
3. Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to the nearest natural drain should be provided prior to the commencement of mining.
4. Garland drain should be enlarged to carry the entire overland flow of the adjacent sloppy region of the quarry.
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 HYCR.
6. Monitoring of drainage water should be carried out at different seasons by an NABL-accredited lab and clear water should only be discharged into the natural stream. Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.
7. OB dump site should be at the lower part of the site (near BP8). A gabion wall shall be constructed for the OB dump.
8. Compensatory afforestation plan should be implemented from the 1st year itself and the geo-coordinates and geo-tagged photographs of the area shall be submitted in HYCR.
9. The impact of vibration due to blasting on the nearest houses and other built structures should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.

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 proposed should be implemented including solar power installations for street light and office
13. The Environment Management Cell (EMC) should include an Environment expert and the proceedings of the monthly meeting of the Environment Management Cell (EMC) should be submitted along with the HYCR
14. Boundary Pillars should be properly marked and fencing should be done properly.

7. SIA/KL/MIN/239760/2021 , 2013/EC1/2022/SEIAA

Granite Building Stone Quarry Project of Sri. C.H. Sakkariya, President, MANNARKKAD TALUK KARINKAL QUARRY OPERATORS INDUSTRIAL COOPERATIVE SOCIETY LTD having an area of 0.9669 Ha in Survey no. 395/5 Thachanattukara-I Village, Mannarkkad Taluk, Palakkad District. (Presentation)

Decision: The Committee examined the proposal and noted that the total mineable reserve is 264849 MT (average annual production 25000 TPA) and mine life is 11 years as per the application. The nearest built structure is 84.9 m. The maximum elevation is 130m above MSL. The ultimate depth of mining is stated as 105m above MSL.

As invited, the Proponent, Mr. C H Sakkariya, and the RQP Mr. V K Roy were present. The RQP made the presentation. The committee heard the presentation and decided to direct the proponent to submit Plan for Compensatory afforestation along with coordinates of the proposed site and geo-tagged photographs of the proposed site for afforestation and consent from land owner if it is not owned by the proponent or proof of ownership of the land.

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

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

Decision: The Committee examined the proposal and noted that the total mineable reserve is 6,22,303 MT (51,859 TPA) and mine life is 12 years. The highest elevation is 92 m and lowest elevation is 51m above MSL. As per cluster certificate dated 16.02.2018 the 138th SEAC assessed a cluster situation and directed the PP to submit application for ToR. As per the Cluster Certificate dated 24.05.2022, there are three other quarries with total extent below 5 ha. The PP stated in his submission dated 28.02.2023 intimated that he withdrew the application of his own quarry having an area of 0.6250 ha. *The Committee observed that the CER submitted as part of EMP indicates that it was prepared based on need assessment conducted in Koodal panchayath, Pathanamthitta.* The committee verified the documents submitted by the proponent and decided to direct the PP to submit the following:

1. Clarification for submitting a CER Plan which was prepared based on need assessment conducted in Koodal panchayath, Pathanamthitta.
2. Revised CER as per the norms 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.
4. OB dump site should be shifted to lower elevation & the proposed area with geo-tagged photographs has to be provided.
5. Post closure environmental scenario/post-mining land use plan of the proposed site.

The committee entrusted Dr. Ajithkumar & Dr. R. Ajayakumar Varma for filed inspection and report.

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

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

Decision: The Committee examined the proposal and noted that the total mineable reserve is 219693 MT (Maximum annual production 44,000 TPA) and mine life is 5 years. As per the

details provided by the PP in his application, The Silent Valley National Park is located beyond 11km from the site. However, the distance between the boundaries of the National Park and the proposed site seems to be 8.0 Km. As invited, the Proponent, Mr. C H Sakkariya, and the RQP Mr. V K Roy were present. The RQP made the presentation. The Committee observed that the proposed site is situated at a distance 930m from the medium hazard zone. The Committee also noted that the EMP is inadequate both with respect to the mitigation of the site-specific environmental issues and budget provision earmarked. Similarly, the CER Plan includes three activities aimed at afforestation and one activity for drinking water supply. However, not detailed plan enabling the implementation is provided. Based on discussions, the committee decided to direct the proponent to submit the following additional details.

1. Letter from the concerned DFO/WL Warden stating the distance of the proposed site from the boundary of the National Park, width of the proposed/approved ESZ at the appropriate location and clarification whether the site falls within the ESZ.
2. Revised CER indicating the site proposed for developing and maintaining “Pachathuruth” and Miyawaki forest along with the coordinate of the sites, geo-tagged photographs of the sites, consent letter from the owner of the proposed land, detailed implementation plan of the four proposed activities indicating output and outcome.
3. Revised EMP incorporating the environmental issues of the site and surrounding areas and site specific mitigation measures along with adequate budget and also incorporating detailed CER Plan.
4. Post closure environmental scenario/post-mining land use plan of the proposed site.

10. SIA/KL/MIN/263676/2022 , 1982/EC1/2022/SEIAA

Granite (Building Stone) Quarry of Sri. G Rajeevan, Managing Partner, M/s Koodal Granites in Block No.30, Survey Nos: 404/3, 404/4, 404/5, 404/7, 404/7 -1 of Koodal Village, Konni Taluk, Pathanamthitta District, Kerala. (Presentation)

Decision: The Committee examined the proposal and noted that the total mineable reserve is 6,60,160 MT (Average annual production 1,10,000 TPA) and mine life is 6 years. The distance to moderate hazard zone is 625m. The project cost is Rs.150 Lakh. The depth to water table is 65m above MSL and the ultimate mine depth proposed is 95m above MSL. As invited, the

Proponent, Sri. Rajeevan, and the RQP Sri. V K Roy were present. The RQP made the presentation. The committee heard the presentation and observed that the feasibility plan submitted to widen the road with 7m and the proof produced are not satisfactory. Hence the Committee decided to direct the proponent to submit a feasible road widening plan along with geo-coordinates of the proposed area.

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

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

Decision: The Committee examined the proposal and noted that the area proposed for mining is 0.9400 Ha for extracting 2,47,950MT. The average annual production is 49590 MT for mine life of 5 years. The elevation difference is 66 m & 55 m above MSL. The committee verified the documents submitted by the proponent and found the following shortcomings and decided to get clarification/documents:

1. CER should be integrated with the EMP.
2. Letter from the Wildlife Warden, regarding the distance of the proposed site from the Peechi- Vazhani Wild life Sanctuary, width of the approved/proposed ESZ at the appropriate location and statement whether the site falls within the ESZ.
3. Post closure environmental scenario/post-mining land use plan of the proposed site.

The Committee decided to invite the Proponent for presentation.

12. SIA/KL/MIN/288699/2022, 2136/EC3/2022/SEIAA-

Environmental Clearance – Building Stone Quarry project of P J Jose for an Area of 2.7057 Ha. at Pindimana Village, Kothamangalam Taluk, Ernakulam District, Kerala (Additional Documents received)

Decision: The Committee examined the proposal and noted that the total mineable reserve is 10,05,448 MT and mine life is 5 years. The Thattekad bird sanctuary is at a distance of 3.35km. The committee verified the documents submitted by the proponent and found that 50% of the area falls in a quarry pit. The depth to water table is 13.2m bgl. Based on the Cluster Certificate dated 12.08.2022, the Committee directed the PP to submit application for ToR. Now the PP

submitted another Cluster Certificate dated 14.2.2023 based on the report of the Village Officer and claimed that there is no cluster situation. Based on discussions, the Committee decided to direct the Proponent to submit the following additional clarification/documents

1. The cluster certificate dated 14.02.2023 indicated that the quarries that were reported as working in the cluster certificate dated 12.08.2022 is found not working. It is not clear whether the quarries are closed permanently after the expiry of lease period or EC or not. Therefore, the Proponent should submit clarification from Mining & Geology Department whether the quarries which are stated as “not working” are permanently closed after implementing mine closure plan and if so proof of the implementation of mine closure plan.
2. Compensatory afforestation area proposed is found vegetated. Therefore, alternate site should be identified and its geo-coordinates and geo-tagged photographs along with possession certificate of the land or consent letter from the owner of the proposed land.
3. Explanation for proposing a vegetated area for compensatory afforestation area knowing that the proposed land is already vegetated.
4. Clarification regarding the distance of a building located within the stipulated buffer distance of 50m from the boundary of the site.
5. Revised drainage plan incorporating instant and complete drainage of overland flows from the site.
6. Letter from the Wildlife Warden, regarding the distance of the site from the Thattekad Bird Sanctuary, width of the proposed/approved ESZ at the appropriate location and statement whether the proposed site falls within the ESZ.
7. Post closure environmental scenario/post-mining land use plan of the proposed site.

13. SIA/KL/MIN/405925/2022 , 1527/EC1/2019/SEIAA

Environmental Clearance for the Granite Building Stone Quarry of Sri. K. M. Stephen” over an extent of 4.9003 Ha. in Block No. 27 (Re-Sy. Block no. 37) Re-Sy. Nos. 399/2, 399/2-1, 399/2-2, 399/2-3, 399/3, 745/2, 745/3, 745/4, 745/5, 745/7, 745/8, 745/9, 745/10, 745/11, 745/12, 745/13, 745/14, 746/1, 746/2, 746/2-1, Karimannur Village, Thodupuzha Taluk, Idukki, Kerala.

(Old rejected Proposal No. SIA/KL/MIN/126172/2019 1527/EC1/2019/SEIAA)

(Hearing to Project proponent and complainant)

Decision: As per the direction of 122nd SEIAA, the Committee heard the proponent Sri. K M Stephen, his partner, Sri. K J Paul & RQP, Sri. Tambu Cheriyan and the Complainants Sri. Vincent K George and Sri. Joy Varghese. The complainant stated that there is an electric line passing through the quarry site, a few houses after 50m and 4 wells within 50m. There is a panchayath road having 3m width for about 200m distance which connects to the quarry road. There is a water tank at a distance of 550 m from the project area. **The Committee directed the proponent and the complainants to submit detailed hearing note along with substantiating documentary evidences and also directed SEIAA secretariat to provide a copy of the complaint to the Proponent.**

14. SIA/KL/MIN/40868/2019 , 1447/EC2/2019/SEIAA

Environmental Clearance for the Granite Building Stone Quarry in Survey No. 202 (P) in Killimangalam Village, Thalappilly Taluk, Thrissur District for an area of 0.3840 Hectares by Sri. K.M. Salim (Presentation)

Decision: As per the decision of the 138th SEAC meeting the presentation of the project before the Committee should be done by the RQP or the EIA coordinator who prepared the Mining plan/ EIA report. The RQP was absent and hence the Committee decided to defer the item to give one more chance to the Project Proponent for presentation.

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

Laterite Building Stone Quarry project of Vijayan. H, is situated at Re-Survey Nos.899/3 in Adoor Village, Kasaragod Taluk, Kasaragod District, Kerala for total mine permit area of 0.0971 Ha (Presentation)

Decision: As invited, the Proponent, Mr. Vijayan H, and the RQP, Mr. Muhammed Kunhi were present. The RQP made the presentation. The committee heard the presentation and the RQP during presentation showed the recently certified survey map. The committee observed that the recoverable quantity proposed is 4300MT and the project cost is Rs. 10 lakh. The depth of final void is 4m. Based on discussions, the Committee decided to seek the following clarifications.

1. Whether the site is located in the landslide hazard zone or not, if so whether it is high or moderate hazard zone

2. Whether there are any houses located within 50m of the boundary of the proposed site. If not proof of the same.
3. It is seen that a considerable portion of the land which is subjected to extraction of earth is located on the eastern part of the site and a water spread is observed on its southern portion. Clarification for the water logging and possibility for its breach including possibility of soil piping.

16. SIA/KL/MIN/416869/2023, 1627/EC4/2020/SEIAA

Environmental Clearance for Laterite building stone quarry of Mr. Moyimonul Rasheed over an extent of 0.9919 Ha, Re-Survey No.44/1, 41/1 in Thalikulathoor Village, Kozhikode Taluk, Kozhikode District, Kerala. (Processed as physical file-134th SEAC decided to recommend EC for 2 years)

Decision: The Committee decided to adhere to its decision taken in the 134th SEAC meeting to recommend the item with the conditions stipulated therein.

17. SIA/KL/MIN/45324/2019, 1557/EC3/2019/SEIAA

Granite Building stone quarry of Sri. Varghese Chakku at Block No.22, Re- Survey No:284, in Malayattoor Village, Aluva Taluk, Ernakulam, Kerala. (Additional Documents received)

Decision: The Committee examined the proposal and noted that the total mineable reserve is 152410 MT (50,803 TPA) and mine life is 3 years. The depth to water table is 13m bgl and the nearest built structure is at 150 m. The highest elevation is 131 m and lowest elevation is 84m above MSL. The site is located within moderate hazard zone and therefore, quarrying in such zones shall be permitted only after getting the approval of the district level crisis management committee for mining constituted vide G.O (Rt) No. 542/14/ID dated 26-05- 2014 as per the Kerala State Disaster Management Plan 2016. The project was presented before the Committee the field inspection is completed. The Committee verified the documents submitted by the proponent and **decided to direct the proponent to submit the CER with specific and monitorable physical targets based on stakeholder consultation.**

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

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

Decision: The Committee examined the proposal and noted that the mineable resource is 18,98,673 MT (Average annual production 2,90,000 TPA) and the mine life is 10 years. The depth to watertable is reported as 10m bgl. The nearest habitation is at 53.60m near BP13. Public hearing was done on 6.06.2022. The committee discussed the field inspection report conducted on 18.02.2023. The Committee found that the proposed area is surrounded by 4 other quarries and 3 Crushers. During Public hearing 45 of the 49 people made complaints regarding the poor quality of air, high noise pollution, etc. The revised EIA report does not address the issues raised in the public hearing satisfactorily. The depth to watertable is indicated as 0 bgl in the application form. The ultimate mine depth is reported as 40m bgl. Therefore the mining will be intersecting the ground water table. The PFR does not contain feasibility analysis with respect to availability of resources, material handling, transportation, demand & supply, land & water requirement, pollution mitigation measures, etc. The topographical contour map provided is not decipherable. The PM 10 and PM 2.5 shows very low values irrespective of the presence of four quarries and crusher within 500m distance and possible high density traffic. The post-mining land use data does not indicate an environmental friendly post-mining closure of the quarry. The environment quality data for air, noise and soil is not uploaded properly and hence not decipherable. The Proponent is also directed to revisit the compliance to ToR-7, ToR-22, ToR-23, ToR-24, ToR-27, ToR-28, ToR-32, ToR-39 and ToR-44 are not found satisfactory. The Committee, therefore, decided to direct the Proponent to respond to the above observations and provide clarifications as required.

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

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

Decision: The Committee examined the proposal of M/s Ananthapuri Hospitals Pvt Ltd, Thiruvananthapuram for expansion of the Built-up Area (BUA) by 14,029.23 sq m for adding a capacity of 100 more beds. The project proponent provided details of the existing built-up area as 11,091.81 sq m (based on two building permits of Thiruvananthapuram Municipal Corporation), which was constructed before 14.09.2006, for which EC was not required. Further, the project proponent stated that they had constructed an additional BUA of 15,828 sq m, post 14.9.2006 for catering needs for a total of 400 bedded hospital. Therefore, the cumulative BUA is reported as 29,857.23 sq m, (15,828 + 14,029.23) hence they have submitted the application for EC. From the details, it is not clear whether the BUA 15,828 sq m constructed post 14.09.2006 includes BUA of 11,091 sq m constructed before. There is a noted difference in the built-up area given in Form I and actual built-up area, reported by the proponent at the time of Field Visit. The proponent clarified the year of construction of existing building and proposed building as noted in the Table given below.

No	Particulars	Built-up area as per Form-1 (in sq.m.)	*Actual Built-Up Area (in sq.m.) as per the details provided by Proponent
1	Built-up area constructed prior to 2006	11,091.80 (3,621.80+7,470)	9,268.80 (1798.80 + 7,470)
2	Built-up area constructed post 2006	15,828	17,651
3	Proposed Built-up area	14,029.23	15,274.55
4	Built-up area for which ECis sought	29,857.23	32,925.55

The presentation was conducted in the 136th SEAC and the filed inspection was conducted on 18.02.2023 based on which the Committee observed the following:

1. The proponent clarified that the built-up area of 9,268.80 sq m (Phase I = 1798.80 sqm +Phase II 9,268.80 sq m) which was constructed prior to 2006, for which EC was not required.
2. Constructions carried out post 2006 (Phase 3+ 17,651 sqm) based on building permit issued by TMC on 12.08.2005, which is less than 20,000 sq and therefore no EC was required.
3. Now the application is submitted for a built-up area of 17,651 sq m +proposed construction of 15,274.55 sq m = 32,925.55 sqm in Phase 4. But in the application, it is given as 29,857.23 sq.m.
4. The treated water from the STP (with BOD level as per KSPCB norms) is proposed to be recycled. The sewage generation will be of 178 KL and treated water from STP (total capacity of 215 KL) is recycled within the site for flushing (113 KLD), horticulture (5 KLD), Boiler (15 KLD) requirement and make-up water requirement (27 KLD) for cooling towers attached with the HVAC system requirement. The treated sewage from the STP/ETP proposed to be reused within the site.
5. The water requirement is proposed to be met from recycling of treated wastewater of 160 KL/day from sewage treatment plan (STP) and 12 KL/day from ETP which can be recycled for different purposes.
6. The bio-medical waste is proposed to be segregated at source by providing appropriate colour coded bins / containers as per the colour coding provided in the Bio-Medical Waste (Management & Handling) Rules, 2016.
7. The bio-medical waste proposed to be stored in the earmarked wastes storage areas near to the hospital block. Sufficient number of labelled wheel barrows with colour coding is proposed to be procured for internal transport of Bio-medical waste within the hospital complex.
8. After the proposed expansion, the hospital will generate biomedical waste of about 350 kg/day which includes infectious beddings, cotton, swabs, used syringes, discarded medicines, etc. The disposal of bio-medical waste is proposed through authorized agency

(IMAGE) and the same arrangement is proposed to be continued for the proposed facility.

9. Solid waste generation after the proposed expansion, is expected to be about 786 kg/day and treatment and disposal of biodegradable MSW is proposed using OWC unit and bio-bin system proposed to be installed within the site for disposal of additional solid waste generated from the proposed building.
10. As part of usage on Non-conventional energy usage, Solar water heating panels @340lpd x 16 nos. are existing in the hospital. As per Clause 77, Chapter XV of Kerala Municipality Building Rules, 2019 as amended on 01-10-2020 which incorporates the provisions of Kerala State Energy Conservation Building Code, 2017 mandates “New Buildings with total built-up area exceeding 500 sq.m. shall be provided with roof top solar energy installations covering a minimum of 50% of the roof area”. The roof area of the new parking block is 7,565.77 sq. m. and the roof area is 1,090 sq. m. solar power generation would be 218 Kwp which is about 9% of the overall connected load. . On grid solar power generation is proposed and this will avoid the use of solar batteries, its disposal etc. The project will save about 23% energy by using all the above energy saving measures.
11. The CER/EMP is not specific and not in compliance to the norms.

Based on discussions, the Committee decided to direct the Project Proponent to submit the following additional details;

1. Clarification on the built up area given in the application and actual area given at the time of presentation and field visit along with proof such as building permit, and approvals from concerned local authority obtained during various phases of construction
2. Plan showing the location for storage of biodegradable and non- biodegradable waste, for facilitating efficient and hygienic storage, handing, treatment and safe disposal.
3. Detailed action plan for on-site facility considering the generation of fast biodegradables, slow bio-degradable using OWC and Biobins
4. Plan for greening the landscape with suitable species of trees and plants, specifically suitable for the hospital environment. Vegetation should be planned on the ground and overbuilt structures such as roofs, basements, podiums, etc. appropriately

5. Plan for incorporating the building design to cater to the differently abled citizens.
6. Plan for adopting water efficient plumbing features for saving water use.
7. Revised EMP, considering augmented sewage treatment and solid waste treatment, from the present level of about 8.30 % of the capital cost of expansion of the hospital.
8. Revised CER as per norms incorporating monitorable specific physical targets, proof of stakeholder consultation and detailed implementation plan.
9. Clarification regarding the applicability of CRZ clearance
10. Clarification regarding the classification of the land proposed for the construction as it is learnt that it is classified as 'Nilam'.

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

1. SIA/KL/MIN/269491/2022 , EC No.3/17 File No.A/11133/17/DEIAA

Building Stone Quarry of M/s.Kayyar Aggregates Pvt Ltd at Survey No.242/3A(pt), 242/3A, 3B, 242/3B(pt), 343/2C, 243/2(pt), Kayyar Village, Manjeswaram Taluk, Kollam (ADS Received)

Decision: The Committee examined the proposal and observed that the EC No. A/11133/17/DEIAA was issued by DEIAA on 26.04.2017 to Mr. Antony Raphel, Managing Director, M/s Kayyar Aggregates Pvt. Ltd for mining from an area of 2.4767 Ha with EC validity of 5 years upto 25.4.2022. The Scheme of Mining approved on 6.11.2021 stated that the mineable reserve is 9,21,825 MT, mined out quantity is 1,71,315 MT and balance quantity is 7,50,510 MT for which modified life of mine proposed is 6 years. The extraction after the approval of Scheme of Mining is not given. The requested extension of mine life is 5 years. The Committee, based on detailed discussions, decided to direct the Proponent to submit the following details/documents.

1. Reason for extension of EC
2. CCR from IRO, MoEF&CC, Bangalore.

3. Proof of the expenditure incurred under CER/CSR, especially the anomalous expenditure incurred during 2021
4. Revised CER as per the norms incorporating monitorable physical targets decided based on stakeholder consultation, proof of stakeholder consultation and detailed implementation plan of the proposals
5. Revised EMP incorporating the environmental issues of the site and surrounding areas and site specific mitigation measures along with adequate budget.
6. The distance indicated in the survey map is found incorrect. So, recently certified legible survey map from the Village Office showing the distance to all the built structures within 200m from the project boundary needs to be submitted.
7. Clarification on how the distance criteria of 50m shall be maintained between crusher & proposed area.
8. Post closure environmental scenario/post-mining land use plan of the proposed site.

2. SIA/KL/MIN/296253/2023 , 1597/EC4/2020/SEIAA

Extend validity of EC of the laterite mining project for the site Re Sy No.19/245 at Koodathai Village, Thamarassery Taluk, Kozhikode District, Kerala with an area of 0.8094 Hectors of Mr. Ramachandran. P. (Presentation)

Decision: The Committee examined the proposal for extension of validity of EC for 3 years for the project with an area of 0.8094 Ha. As invited, the Proponent, Mr. Ramachandran P, and the RQP Mr. Jayaprakash, were present. The RQP made the presentation. Based on discussions, the committee decided to direct the proponent to submit the following additional documents:

1. Geo-tagged photographs of the site showing current status of the land area.
2. CER as per the norms incorporating monitorable physical targets decided based on stakeholder consultation, proof of stakeholder consultation and detailed implementation plan of the proposals
3. EMP incorporating the environmental issues of the site and surrounding areas and site specific mitigation measures along with adequate budget.
4. Post closure land use plan of the proposed site.

PART 3

CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE

1. SIA/KL/INFRA2/416978/2023, 2230/EC6/2023/SEIAA

Environmental Clearance for the proposed construction of Super Specialty Hospital Block and Mother & Child Hospital Block within the existing campus of Govt. Medical College, Thrissur in Sy.No.4, 11 & Others to be developed by Department of Health & Family Welfare, Govt. of Kerala. (Fresh Application)

Decision: The Committee examined the proposal submitted by The Principal, Govt. Medical College, Thrissur. As per the application, the total Plot Area is 98.05 ha and total Built-up Area is 86,873.70 sq. m. The Committee verified the documents submitted by the project proponent and **decided to invite the proponent for a presentation.**

2. SIA/KL/MIN/401892/2022, 2126/EC1/2022/SEIAA

Granite (Building Stone) Quarry of Sri. Udayan K at Block No. 25, Re-Survey Nos: 64/1, 65/3, 65/4, 66/2, 66/2-1 in Enadimangalam Village, Adoor Taluk, Pathanamthitta. (Fresh Application)

Decision: The Committee examined the proposal submitted by Sri. Udayan K for mining of granite building stone from 2.8869 Ha having total mineable reserve of 874000 MT and mine life of 7 years. As per the application, the production is 1,50,000 MT per annum for first five years and 62,000 MT per annum for sixth and seventh year and the project cost is 1.85 Crores. The Shendurney Wildlife Sanctuary is situated at 34.70 km. The Committee verified the documents submitted by the proponent and found the following shortcomings and requirement of details/documents:

1. Revised Project cost
5. CER as per the norms incorporating monitorable physical targets decided based on stakeholder consultation, proof of stakeholder consultation and detailed implementation plan of the proposals.

6. EMP submitted includes activities which are not comes under EMP norms. EMP incorporating the environmental issues of the site and surrounding areas and site specific mitigation measures along with adequate budget and with integration of CER.
2. Non assignment certificate for the entire area proposed.
3. KML file to be uploaded
4. Appropriately located OB dump site along with protection measures
5. Post closure environmental scenario/post-mining land use plan of the proposed site.

The Committee decided to invite the proponent for presentation.

3. **SIA/KL/MIN/402526/2022, 2202/EC4/2023/SEIAA
Environmental Clearance for the Proposed Laterite Building Stone Quarry of Sri. Brijesh B.R, for an extent of 0.3449 Ha in Re-Survey No: 12/2A-2A of Thalakkulathoor Village, Kozhikode Taluk, Kozhikode, Kerala (Fresh Application)**

Decision: The Committee examined the proposal for extraction of 27,036MT laterite from an area of 0.3449Ha with mine life of 2 years. The Malabar Wildlife Sanctuary is at 18.50 km. The Committee verified the documents submitted by the proponent and found the following:

1. CER as per the norms incorporating monitorable physical targets decided based on stakeholder consultation, proof of stakeholder consultation and detailed implementation plan of the proposals.
2. EMP submitted includes activities which are not comes under EMP norms. EMP incorporating the environmental issues of the site and surrounding areas and site specific mitigation measures along with adequate budget and with integration of CER.
3. Clarification on road passing through the area.
4. Depth to water table in the nearest dug well along with geotagged photograph of the well
5. Clarification as to whether the mining is already done in and around the area.
6. Detailed drainage plan to prevent stagnation of water in mining pit
7. Post closure land use plan of the proposed site.

The committee decided to invite the proponent for presentation including the clarification on the above observations.

4. SIA/KL/MIN/402776/2022, 2203/EC4/2023/SEIAA

Environmental Clearance for the Proposed Laterite Building Stone Quarry of Sri. Abdul Asees K.P, in Re-Survey No. 46/986 of Kalliad Village, Iritty Taluk, Kannur District, Kerala for an extent of 0.2914 Ha (Fresh Application)

Decision: The Committee examined the proposal submitted by Sri. Abdul Asees K P for extraction of 25,497.5 MT with mine life of 1 year. As per the application, the depth to water table is 40 m and Aralam Wildlife Sanctuary is at 18.50 km. The committee verified the documents submitted by the proponent and found the following shortcomings:

1. Depth to water table in a dug well with its geo-tagged photographs and distance from the proposed site.
2. CER as per the norms incorporating monitorable physical targets decided based on stakeholder consultation, proof of stakeholder consultation and detailed implementation plan of the proposals.
3. Detailed drainage plan to prevent stagnation of water in mining pit
4. Certified legible survey map from the Village Office showing the distance to all the built structures within 100m
5. Post closure land use plan of the proposed site.

The committee decided to invite the proponent for presentation including the clarification on the above observations.

5. SIA/KL/MIN/403066/2022, 2163/EC3/2022/SEIAA

Environmental Clearance for the building stone quarry at Re Survey No. 300/1,300/2-1 Block no.41, of Thiruvaniyoor Village, Kunnathunadu Taluk, Ernakulam District, Kerala for an Area of 0.9586 Ha (Fresh Application)

Decision: The Committee examined the proposal submitted by Sri. Saji K. Elias for an area of 0.9586 Ha. The average annual production is 72,214 TPA and mine life is 3 years. The committee verified the documents submitted by the proponent. The Cluster Certificate dated 3.12.2022 indicates that there are 6 quarries within 500 m radius out of which two are working and four are not working. The area of one of the non-working quarries listed in the cluster certificate is not given. Regarding non-working quarries, it is not clear whether the non-working quarries are closed after validity period of EC or lease adopting mine closure

plan or not. Further processing of the application is to be after ascertaining the category of the project as B1 or B2. **Therefore, the Committee decided to direct the Proponent to submit the area of the quarry for which it is not mentioned in the Cluster Certificate and also clarification whether the non-working quarries mentioned in the Cluster Certificate is already closed after the period of validity of EC or Lease as per the mine closure plan and if so proof of closure and certificate from the Mining & Geology Department.** The Committee also sought the following clarifications/details.

1. Copy of EC of the adjacent mines owned by proponent with details.
2. EMP submitted includes activities which are not comes under EMP norms. EMP incorporating the environmental issues of the site and surrounding areas and site specific mitigation measures along with adequate budget.
3. Depth to water table in the nearest dug well with geo-tagged photographs with distance from the proposed area.
4. Post closure environmental scenario/post-mining land use plan of the proposed site.

6. SIA/KL/MIN/403878/2022, 2132/EC4/2022/SEIAA

Environmental Clearance for the Proposed Laterite (Building Stone) Quarry of Sri. Abdul Asees K.P, in Block No. 92, Re-Survey No: 23/813 of Kaliyad Village, Iritty Taluk, Kannur District, Kerala for an extent of 0.1943 Ha (Fresh Application)

Decision: The Committee examined the proposal for mining in an area of 0.1943Ha for the production capacity of 17001.25 MT with mine life of 1 year. The Aralam Wildlife Sanctuary situated at 17 km from the proposed area. The committee verified the documents submitted by the proponent and found the following shortcomings:

1. Depth to watertable in the nearest dugwell along with its geo-tagged photograph.
2. CER as per the norms incorporating monitorable physical targets decided based on stakeholder consultation, proof of stakeholder consultation and detailed implementation plan of the proposals.
3. Detailed drainage plan to prevent stagnation of water in mining pit
4. Certified legible survey map from the Village Office showing the distance to all the built structures within 100m
5. Post closure land use plan of the proposed site.

The committee decided to invite the proponent for presentation including the clarification on the above observations.

7. SIA/KL/MIN/405772/2022, 2181/EC6/2023/SEIAA

Application for Environmental Clearance for the Laterite Building Stone Quarry project of Sri. Pullanipuram Sekkeeb in Sy.No.1/3A1 at Melmuri Village, Tirur Taluk, Malappuram (Fresh Application)

Decision: The Committee examined the proposal submitted by Sri Pullanipuram Sekkeeb in an area of 0.1942 H. The mineable reserve is 18,691 MT and the Mine life is 1 year. As per the application, project cost is 5.65 lakh. The committee verified the documents submitted by the proponent and found the following shortcomings:

1. Detailed drainage plan to prevent stagnation of water in mining pit
2. Certified legible survey map from the Village Office showing the distance to all the built structures within 100m
3. Post closure land use plan of the proposed site.

The committee decided to invite the proponent for presentation including the clarification on the above observations.

8. SIA/KL/MIN/406820/2022, 2211/EC3/2023/SEIAA

Environmental Clearance for the Granite building stone quarry for an area of 3.2083 Ha. at Re-Sy Block No: 8, Re-Sy. Nos: 254/3-1, 254/4 & 257/1, Kumaramagalam Village, Thodupuzha Taluk, Idukki, Kerala. (Fresh Application)

Decision: The Committee examined the proposal submitted by Sri. Cherian K Jose, M/s. St. Jude Granites in an area of 3.2083Ha. As per the application, mineable reserve is 8,13,995.00 Tonnes and average annual production is 1,45,376.33TPA. The mine life is 8 years. As per the cluster certificate dated 28.10.22 it is non-cluster. The elevation difference is 10m. The high hazard zone is at 9.42km. The committee verified the documents submitted by the proponent and found the following shortcomings:

1. Recently certified legible survey map from the Village Office showing the distance to all the built structures within 200m
2. The depth to water table monitored in the nearest dug well along with geotagged photographs and distance from the proposed area.
3. EMP incorporating the environmental issues of the site and surrounding areas and site specific mitigation measures along with adequate budget and CER integrated.
4. Detailed drainage plan
5. Post closure environmental scenario/post-mining land use plan of the proposed site.

The committee decided to invite the proponent for presentation including the clarification on the above observations.

9. SIA/KL/MIN/407901/2022, 1812/EC3/2020/SEIAA

Granite building stone quarrying for an area of 0.9407 Ha located at Block No: 70, Sy. Nos: 23/1, 23/2, Poonjar Village, Meenachil Taluk, Kottayam, Kerala. (Fresh Application)

Decision: The Committee examined the proposal submitted by Sri Joseph Varkey in an area of 0.9407Ha. As per the application, the total mineable reserve is 160163.11MT and average annual production is 38714TPA. The mine life is 5 years. The proposed area situated at 400m from Meenachil River. The committee verified the documents submitted by the proponent and found the following shortcomings:

1. CER as per the norms incorporating monitorable physical targets decided based on stakeholder consultation, proof of stakeholder consultation and detailed implementation plan of the proposals.
2. EMP submitted includes activities which are not comes under EMP norms. EMP incorporating the environmental issues of the site and surrounding areas and site specific mitigation measures along with adequate budget and with integration of CER.
3. Plan for OB dump site considering the feasibility and appropriateness along with plan for protection.

4. Compensatory afforestation area proposed is found vegetated. Therefore, alternate site should be identified and its geo-coordinates and geo-tagged photographs along with possession certificate of the land or consent letter from the owner of the proposed land.
5. Post closure environmental scenario/post-mining land use plan of the proposed site.

The committee decided to invite the proponent for presentation including the clarification on the above observations.

10. SIA/KL/MIN/408252/2022, 2207/EC4/2023/SEIAA

Environmental Clearance for the Proposed Laterite Building Stone Quarry of Sri. Sebastian George, for an extent of 0.0971 Ha in Block No. 39, Re-Survey No: 38/108 of Peringome Village, Payyanur Taluk, Kannur, Kerala (Fresh Application)

Decision: The Committee examined the proposal submitted by Sri. Sebastian George for an area of 0.0971 Ha for extracting 8,496.25 MT. The mine life is 1 year. The Talakaveri Wildlife Sanctuary is at 18.30 km. The committee verified the documents submitted by the proponent and **decided to invite the proponent for presentation.**

11. SIA/KL/MIN/408714/2022, 2198/EC1/2023/SEIAA

Granite Building stone quarry of Sri. Moideen. P for an Extent of 0.7352 Hectares at Survey No. 279/1A2 and 278 of Thirumittacode - I Village, Pattambi Taluk, Palakkad, Kerala, (Fresh Application)

Decision: The Committee examined the proposal submitted by Sri Moideen P. The total mineable reserve is 91,513 Tonnes and maximum average production is 18,600MTA. The mine life is 5 years. As per the application, the highest elevation of the lease area is 72m RL and lowest is 52m RL. The project cost is 50 lakh. The proposed site in a non-cluster situation and it is part of an abandoned quarry. The committee verified the documents submitted by the proponent and found that the proposal lacks the following details:

1. Recently certified legible survey map from the Village Office showing the distance to all the built structures within 200m
2. The depth to water table monitored in the nearest dug well along with geotagged photographs and distance from the proposed area.

3. EMP incorporating the environmental issues of the site and surrounding areas and site specific mitigation measures along with adequate budget and CER integrated.
4. Detailed drainage plan
5. Plan for OB dump site considering the feasibility and appropriateness along with plan for protection.
6. Topsoil conservation measures.
7. Revised Project cost.
8. The depth to watertable monitored in the nearest dug well along with geotagged photographs of the well and the distance to it from the proposed area.
9. Legible Mining Plan.
10. Post closure environmental scenario/post-mining land use plan of the proposed site.

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

Environmental Clearance for the Laterite Building Stone Quarry of 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 District, Kerala,. (Fresh Application)

Decision: The Committee examined the proposal submitted by Sri Ramachandran M K for an area of 0.1942Ha. The total reserve is 24,275 MT and proposed production is 16,992.5 MT. As per the application, The project cost is 4 lakhs and The Talakaveri Wildlife Sanctuary is at 21.00 km. The committee verified the documents submitted by the proponent and found that the proposal lack the following details:

1. The depth to watertable monitored in the nearest dug well along with geotagged photographs of the well and the distance to it from the proposed area.
2. Detailed drainage plan
3. Revised CER as per the norms incorporating monitorable physical targets decided based on stakeholder consultation, proof of stakeholder consultation and detailed implementation plan of the proposals.
4. Clarification regarding the structure near BP2.
5. Post closure land use plan of the proposed site.

The committee decided to invite the proponent for presentation including the clarification on the above observations.

13. SIA/KL/MIN/410780/2022, 2201/EC4/2023/SEIAA

Environmental Clearance for the Proposed Laterite (Building Stone) Quarry of Sri. Rajesh N.V, for an extent of 0.1943 Ha in Block No. 39, Re-Survey No: 112/102 of Peringome Village, Payyannur Taluk, Kannur, Kerala (Fresh Application)

Decision: The Committee examined the proposal submitted by Sri Rajesh N.V in an area of 0.1942Ha. The total mineable reserve is 24,287.5 MT and proposed production is 17000MT for mine life of 1 year. The Talakaveri Wildlife Sanctuary is at 18.00 km from proposed area. The committee verified the documents submitted by the proponent and found that the depth to water table monitored in the nearest dug well along with geotagged photographs is not provided. **The committee decided to invite the proponent for presentation.**

14. SIA/KL/MIN/410787/2022, 2196/EC2/2023/SEIAA

Building Stone Quarry Project, M/s Darshan Granites , for an area of 7.8705 ha at Re-Survey Block No. 18, Re-Survey Nos. 13/2, 13/3, 18/2, 18/3, 40/1-1, 40/1-2, 40/4, 40/4-2, 40/6, 41/1-1, 41/1-2, 41/2, 41/3, 41/4, 41/5 (Patta land - 6.1918 ha.), 18/1, 41/6 (Govt. land - 1.6787 ha.), Chakkuvarakkal Village, Kottarakkara Taluk, Kollam District, Kerala. (Fresh Application)

Decision: The Committee examined the proposal submitted by Sri. Ajai Sundaresh, (Managing Partner) M/s Darshan Granites for an area of 7.8705Ha. The mineable reserve is 39,33,900 MT and the mine life is 12 years. The ultimate mine depth is 120m above MSL. The site includes 1.6787 Ha of government land and 6.1918 Ha of provate land. The total project cost is 13.115 Crore in Form 1M and 4.54 Crores in PFR. The highest and lowest elevation is 200m MSL to 120m MSL. The ultimate mine depth is 125m. The committee verified the documents submitted by the proponent and found that the NOC dated 26.03.2018 is now expired. Land use details are not provided. **The committee decided to invite the proponent for presentation.**

15. SIA/KL/MIN/410881/2022, 2186/EC3/2023/SEIAA

Granite Building Stone Quarry project of M/s. P. J. Associates, (Represented by its Managing Partner, Sri. Pious Antony) Re-Survey Nos: 93/1, 94/1, 95/1, 95/1- 1, 95/2, 95/2-1, Lalam Village, Meenachil Taluk, Kottayam (Fresh Application)

Decision: The Committee examined the proposal submitted by Sri Pious Antony, Managing Partner, M/s. P. J. Associates in an area of 2.6Ha. The total mineable reserve is 19,93,382.6MT and average annual production is 150000 MT. The mine life is 9years. As per the application, the project cost is 1.3 Crores. The proposed area is in low hazard zone. The committee verified the documents submitted by the proponent and found that the following additional documents are required for further appraisal.

1. Revised Project cost
2. EMP incorporating the environmental issues of the site and surrounding areas and site specific mitigation measures along with adequate budget and CER integrated.
3. Revised CER as per the norms incorporating monitorable physical targets decided based on stakeholder consultation, proof of stakeholder consultation and detailed implementation plan of the proposals.
4. Pre and post mining land use details
5. Post closure environmental scenario/post-mining land use plan of the proposed site.

The committee decided to invite the proponent for presentation including the clarification on the above observations.

16. SIA/KL/MIN/410959/2022, 2193/EC4/2023/SEIAA

Environmental Clearance for the Proposed Laterite Building Stone Quarry of Sri. Mahesh. P, for an extent of 0.1943 Ha in Re-Survey No: 13/102 of Eramam Village, Payyannur Taluk, Kannur District, Kerala (Fresh Application)

Decision: The Committee examined the proposal submitted by Sri Mahesh P in an area of 0.1943Ha for extracting 17001 MT of laterite stone. The mine life is 1 year. The depth to watertable is 20m bgl. The committee verified the documents submitted by the proponent and **decided to invite the proponent for presentation.**

17. SIA/KL/MIN/410973/2022, 2216/EC6/2023/SEIAA

Application for Environmental Clearance for the Laterite Building Stone Quarry Project of Sri. A. K. Soman in Sy.No.118/10, 158/2 in Kavanur Village, Ernad Taluk, Malappuram (Fresh Application)

Decision: The Committee examined the proposal submitted by Sri A K Soman in an area of 0.5623Ha of laterite stone. The recoverable quantity is 44281.1 MT. The mine life is 3 years and project cost is 20 lakhs. As per survey map a house is at 14.9m. The committee verified the documents submitted by the proponent and found the following short comings:

1. EMP incorporating the environmental issues of the site and surrounding areas and site specific mitigation measures along with adequate budget and CER integrated.
2. Revised CER as per the norms incorporating monitorable physical targets decided based on stakeholder consultation, proof of stakeholder consultation and detailed implementation plan of the proposals.
3. Clarification regarding the house located at 14.9m
4. Post closure land use plan of the proposed site.

18. SIA/KL/MIN/411130/2022, 2200/EC4/2023/SEIAA

Environmental Clearance for the Proposed Laterite Building Stone Quarry of Sri. Shuhail M V P for an extent of 0.1942 Ha in Block No. 40, Re-Survey No: 161/102 of Peringome Village, Payyanur Taluk, Kannur District, Kerala (Fresh Application)

Decision: The Committee examined the proposal submitted by Sri. Shuhail M V P for an area of 0.1942Ha. The average annual production is 16,992.5 MT for mine life of 1 year. The Talakaveri Wildlife Sanctuary situated at 18.75 km. The committee verified the documents submitted by the proponent and found that an office is at 26.4km from BP5. **The committee decided to invite the proponent for presentation.**

19. SIA/KL/MIN/412267/2022, 2208/EC4/2023/SEIAA

Environmental Clearance for the Proposed Laterite Building Stone Quarry of Sri.PRADEEP K, for an extent of 0.3880 Ha in Block no:109, Re-Survey No. 53/135 of Kandamkundu Village, Thalassery Taluk, Kannur District, Kerala (Fresh Application)

Decision: The Committee examined the proposal submitted by Sri. Pradeep K for an area of 0.3880 Ha. for extracting 33,675MT. Mine life is 4 years and project cost is 11lakhs. As per the application the depth to watertable is 25m of bore well. A house is at 76m from proposed area. The mining proposed upto 7m. The committee verified the documents submitted by the proponent and observed that the depth to watertable monitored in the nearest dug well along with geotagged photographs needs to be submitted. **The committee decided to invite the proponent for presentation.**

20. SIA/KL/MIN/412623/2022, 2199/EC4/2023/SEIAA

Environmental Clearance for the Proposed Laterite (Building Stone) Quarry of Sri. Raveendran V, for an extent of 0.0971 Ha in Block no: 92 Re-Survey No. 1/473,1/474 of Kalliyad Village, Iritty Taluk, Kannur District, Kerala (Fresh Application)

Decision: The Committee examined the proposal submitted by Sri. Raveendran V for an area of 0.0971 Ha. The mineable reserve is 7,748MT for mine life of 1 year. The committee verified the documents submitted by the proponent and **decided to invite the proponent for presentation.**

21. SIA/KL/MIN/415821/2023, 2222/EC1/2023/SEIAA

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

Decision: The Committee examined the proposal submitted by Sri. Bharathan for an area of 0.9532Ha. The production is 66,724 MT for mine life of 2 years. As per the application, the project cost is 22.5lakhs. The nearest house is 78.6m and open well is 186.5m away from the proposed area. The committee verified the documents submitted by the proponent and found that the following details are required.

1. Recently certified legible survey map from the Village Office showing the distance to all the built structures within 200m
2. Detailed drainage plan.
3. Post closure land use plan of the proposed site.

The committee decided to invite the proponent for presentation.

22. SIA/KL/MIN/415860/2023, 2206/EC2/2023/SEIAA

Laterite (Building Stone) Quarry of Mr. Abdul Rahman M. A in Re-Survey No.129/2 in Muliyar Village, Kasaragod Taluk, Kasaragod District over an area of 0.0971 Ha. (Fresh Application)

Decision: The Committee examined the proposal submitted by Sri Abdul Rahman M A for an area of 0.0971 Ha. The mineable reserve is 4300 MT and mine life is 1 years. As per the application, project cost is 10 lakhs and depth to watertable is at 10m bgl. The committee verified the documents submitted by the proponent and **decided to invite proponent for presentation.**

23. SIA/KL/MIN/415955/2023 , 2221/EC1/2023/SEIAA

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 (Fresh Application)

Decision: The Committee examined the proposal submitted by Sri Abdul Rasak for an area of 0.9400Ha. 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 committee verified the documents submitted by the proponent and **decided to invite the proponent for presentation.**

24. SIA/KL/MIN/416601/2023, 2228/EC6/2023/SEIAA

Application for Environmental Clearance for the Laterite building stone quarry project of Mr. Abdu Razak in Sy.No.477/1-1 in Vazhakkad Village, Kondotty Taluk, Malappuram (Fresh Application)

Decision: The Committee examined the proposal submitted by Sri Abdul Rasak for an area of 0.9496Ha. The mineable reserve is 99700MT for mine life of 3 years. As per the application, project cost is 36 lakh and depth to water table is 90m MSL. **The Committee decided to invite proponent for presentation.**

25. SIA/KL/MIN/418896/2023 , 2220/EC1/2023/SEIAA

Laterite building stone quarry of Mr. Sahajan. P over an extent of 0.2688 Ha, Re-Survey No.143/2-1, 143/15 in Vellinezhi Village, Ottapalam Taluk, Palakkad District, Kerala (Fresh Application)

Decision: The Committee examined the proposal submitted by Sri Sahajan P for an area of 0.2688 Ha. The annual production is 28224 MT and the mine life is 2 years. The committee verified the documents submitted by the proponent and **decided to invite proponent for presentation.**

CONSIDERATION OF TOR PROPOSALS

1. SIA/KL/MIN/410606/2023, 2205/EC6/2023/SEIAA

Application for ToR for the Proposed Granite Building Stone Quarry Project of Mr. Abin Rahman A.M in Sy.No.157/1-1,157/1-2,157/1-3,162/1-4 in Morayur Village, Kondotty Taluk, Malappuram (Fresh Application)

Decision: The Committee examined the proposal and verified the documents submitted by the proponent and found that the proposed area is in a moderate hazard zone. The proposed site is near Mini Ootty, a prominent elevated ridge in the locality and the slope is very steep. The Committee based on discussions, decided to recommend Standard ToR for conducting the EIA studies along with the following additional studies.

1. Probable accidents due to land failure, debris flow, landslide, etc to the inhabitants in lower region.
2. Social impact assessment study with 100% coverage of all the households in the watershed in which the site is located.

2. SIA/KL/IND1/416949/2023, 2209/EC4/2023/SEIAA

ToR for the Existing Steelmaking and Rolling mill by M/s. Peekay Rolling Mills (P) LTD in Sy. No. 50 (Part), 53 (Part), 54 (Part), 55 (Part), 56 (Part) and 58 (Part), Cheruvanoor Village, Kozhikode Taluk, Kozhikode District (Fresh Application)

Decision: The committee examined the proposal, verified the documents submitted by the proponent and decided to recommend Standard ToR for conducting EIA studies.

3. SIA/KL/IND1/418581/2023, 2217/EC1/2023/SEIAA

Existing Mild Steel Re-Rolling mill by M/s. Gasha Steels (P) LTD at sy. Nos. 461(part), 462(part), 463(part), 866_(part_1), 872(part), Pudussery Village, palakkad Taluk and District, Kerala (Fresh Application)

Decision: The committee examined the proposal, verified the documents submitted by the proponent and decided to recommend Standard ToR for conducting EIA studies.

The meeting ended at 5.30 pm.

It is decided to convene the 141st meeting of the SEAC on 11th & 12th of April 2023 on physical mode and on 18th & 19th April, 2023 on online mode.

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

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

Sl.No.	Name	13.03.2023	14.03.2023	15.03.2023
1.	Shri. Sheik Hyder Hussain	✓	✓	✓
2.	Dr.A.Bijukumar.	✓	X	X
3.	Dr.A.N.Manoharan	✓	✓	✓
4.	Shri. M.Dileepkumar	X	✓	X
5.	Smt. Beena Govindan	✓	✓	✓
6.	Dr.C.C.Harilal	✓	✓	✓
7.	Dr.K.VasudevanPillai	✓	✓	X
8.	Dr.MaheshMohan	✓	✓	✓
9.	Dr.K.N.Krishna kumar	✓	✓	✓
10.	V.Gopinathan	✓	✓	✓
11.	Dr.A.V.Raghu	✓	✓	✓
12.	Dr.N.Ajithkumar	✓	✓	✓
13.	Shri.Suneel Pamidi,IFS (Secretary)	✓	✓	✓
14.	Dr.R.Ajayakumar Varma (Chairman)	✓	✓	✓