

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

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

PARIVESH

PART 1

CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE

1. **SIA/KL/MIN/130079/2019 , 1696/EC4/2019/SEIAA
Environmental Clearance for the Granite Building Stone Quarry of Sri. Satheesan,
at Re - Survey No. 159/2A2B of Poolakode Village, Kozhikode Taluk, Kozhikode
District, Kerala for an area of 0.6338 hectares. (FIR Received).**

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

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

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

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

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

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

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

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

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

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

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

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

Decision: The Committee examined the proposal and discussed the Field Inspection Report conducted on 26.10.2022, in detail and observed that the road to the proposed site is narrow and nearest built structure, a house, is at a distance of 51m from the proposed site. The Committee observed that the project was presented before the Committee in its 122nd meeting and the committee sought some ADS. The Proponent submitted the documents on 10/08/2022. **The Committee decided to direct the proponent to submit the following additional documents:**

1. Revised EMP incorporating modified CER prepared as per the norms of the MoEF & CC
2. Tree cutting and planting details which is not uploaded in Form 2 of Parivesh
3. Detailed Compensatory afforestation plan with coordinates of the proposed area, number and type of trees proposed to be planted and geo-tagged photographs of the proposed site for planting.
4. Depth to water table in the site as measured in the nearest perennial dug well along with geo-tagged photographs of the well and distance to it from the project boundary.

4. SIA/KL/MIN/148123/2020 , 1658/EC6/2020/SEIAA

Environmental clearance for Granite building stone quarry of Mr. Kunhalan. K, for an extent of 0.8165 Ha Re. Sy. Nos. 211/1, 211/3-2 (Block No. 59) of Pulpatta Village, Eranad Taluk, Malappuram District, Kerala (FIR Received).

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

1. Revised site specific EMP along with budgetary provision for the entire period of life of mine and by removing activities such as haulage road construction, which is to be included in the Project Cost.
2. Recent cluster certificate.
3. Recently certified legible survey map from the Village Officer showing built-in structure within 200m radius of the proposed site.
4. Map showing detailed drainage plan including connectivity to natural drain
5. Depth to water table in the site as measured in the nearest perennial dug well along with geo-tagged photographs of the well and distance to it from the project boundary.

5. SIA/KL/MIN/151053/2020 , 1817/EC6/2020/SEIAA

Application for the Granite Building Stone Quarry of Mr. Kuttiamu Haji in Survey No: 174, Cherukavu Village, Kondotty Taluk, Malappuram District, Kerala (FIR Received)

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

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

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

Environmental Clearance for the Granite building stone quarry project in Sy No-

1012/99, 1012/98, 1012/81 Melmuri Village, Ernad Taluk, Malappuram District, Kerala for an area of 1.7283 Ha. By Shri. Mohammed Nishad, P.P, M/s. Abbas Mines (Presentation)

Decision: As invited, the Proponent Mr. Muhammed Nishad P P and the Consultant, Mr. Haneesh Panicker, EIA Co-ordinator and functional expert on behalf of ABC Techno Labs India Private Limited were present. The consultant made the presentation. The Committee heard the presentation and observed that the maximum slope is 31° and Minimum slope is 25° . The quarry site is partially in a medium hazard zone and falls in a terrain with very steep slope. It is also observed that in the Form 2, pre mining land use, post mining land use and mine void details are not filled properly. The Committee also discussed the report of the field inspection conducted on 12.05.2022 and noted that soil thickness is relatively high, the site is located on the high slope region and the haulage road is not developed. The Committee observed that the area in which the site is proposed is environmentally vulnerable. **Based on discussions, the Committee decided to direct the proponent to submit the following additional documents:**

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

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

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

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

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

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

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

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

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

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

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

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

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

Decision: As invited, the Proponent, Sri. K V Radhakrishnan and RQP, Sri. Vikram Krishna was present. The RQP made the presentation. The Committee heard the presentation and observed that as per the survey map the Malampuzha Canal is at a distance of 8.36 km and Choolannur Peafowl Sanctuary is at a distance of 8.5km from the proposed area. The water table is shallow at 8 m below ground level. The Committee also decided that there appraisal has been possible with google images and other details and secondary data. However, certain additional details are required and therefore, **the Committee decided to direct the proponent to submit the following:**

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

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

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

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

1. Revised project cost as per norms.
2. Revised EMP incorporating site specific mitigation and management measures along with adequate budget provision
3. Revised CER consisting of specific activities in physical terms to be undertaken by the proponent in consultation with the stakeholders.
4. Detailed plan for compensatory afforestation consisting of the geo-coordinates of the demarcated area for compensatory afforestation, geo-tagged photographs of the location, number of trees proposed and the type and species of trees, shrubs, herbs and climbers included in the afforestation program.
5. Details that are not filled in Form 2.

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

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

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

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

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

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

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

1. Revised project cost
2. Revised EMP with spot specific environmental mitigation plans and budgetary provision for the entire life of mine and incorporating specific CER activities in physical

- terms to be undertaken by the proponent in consultation with the stakeholders
3. Recent legible survey map certified by the Village Officer showing all the built structure within a distance of 100m.
 4. Legible lithological section of mining area.

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

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

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

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

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

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

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

Decision: As invited, the Proponent Sri. Arun Varghese and RQP, Sri. V K Roy were present. The RQP made the presentation. The Committee observed that, as per the cluster certificate there is another quarry with the same name Kottakkal Granite Industries Pvt Ltd. situated near the proposed area in Re sy. nos 167/3, 167/4, 167/4-1, 167/5-1, 167/6, 167/7, 177/2, 177/2-1, 178/1, 178/3-2, 178/5, &178/10 with an area of 3.6849 ha for which EC was issued earlier by DEIAA on 21.06.2017. The revalidation proposal of the quarry was submitted to SEIAA on 09.12.2020 along with Judgment WP(C) No. 25844/2020 (E) and while considering the application the Proponent decided to withdraw the application. The withdrawal request was received with an explanation that “they decided to stop quarrying in that area and use the land

for a purpose other than quarrying and the land reclamation is in progress". The 113th SEIAA agreed to the withdrawal of application for revalidation and directed the District Geologist, Thiruvananthapuram to ensure that the final closure of the quarry is done as per the approved Mine Closure Plan. The Committee noted this and suggested to examine the violations, if any, while conducting field inspection. The Committee decided that the proponent has to submit following additional details:

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

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

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

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

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

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

The Proponent has another application with proposal No. SIA/KL/MIN/277815/2022, both sharing the boundary and therefore, the **Committee decided to seek clarification form the Proponent as to why separate application for EC is submitted for adjacent plots. The Committee also decided o seek advice of the SEIAA whether separate application for EC in adjacent plot can be considered or not.**

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

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

Decision: As invited, the Proponent, Sri. Jimmy Jose and RQP, Sri. Vikram Krishna were present. The RQP made the presentation. The Committee heard the presentation. The proposed

area is away from the landslide hazard zone and more than 10km away from Thettekad Bird Sanctuary. The Committee decided to direct the proponent to submit the following additional details:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Environment Clearance for Granite Building Stone Quarry of M/s. Ronco Granite Private Limited over an extent of 3.8316 Ha at Sy. Nos.526/4B3, 527/2A2, 527/2A3, 527/5-1-2, 527/5-2-3, 527/5- 3-2, 527/5-4-2, 527/5-5-2, 527/5-6-2, 529/1B-2 of Thirumarady Village, Muvattupuzha Taluk, Ernakulam District, Kerala State. (FIR Received)

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

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

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

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

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

of the region. Other observations related to this complaint are given below;

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

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

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

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

1. Streams near to the study area : Mannathoor thodu flowing south to the Mannathoor Canal (MVIP) and road, which is parallel to the canal. Two streams are found in the toposheet – Kudukkappara and Olippara which is flowing from NNW and NNE and joins at north side of the MVIP canal, however no crossing of canal is found. These streams are not perennial. These areas are very dry and may be active during high

monsoon, the runoff water may flow through these streams and joins the canal. There is no direct connection found between these streams and main stream “Mannathoor thodu”. There is no chance of sediments from the quarry reaching and polluting the stream as the Proponent will have to operate quarry with garland drain, silt traps and siltation ponds and hence drainage from the mining site will have to be filtered in different steps before entering into natural drain.

- Complaint 4. Because of the high slope of the hill range, the proposed area experienced several landslides and hill slides during the monsoon.

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

- Complaint 5: There is an Anganwadi and 10’s of years vintage Church on the location
- Observations of the Sub Committee: Anganwadi is situated at 418m from the site.

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

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

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

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

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

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

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

1. The mining should not be done beyond the depth of 120m above MSL and hence life of mine 10 years proposed in the Mine Plan get reduced to 9 years.

2. The portion off the boundary pillar no. 3 is very steep and therefore an increased buffer zone of 15 m should be provided between BP3 and BP4.
3. The built structure (located at a distance of 45m from the site marked as site office in the survey map) in the adjacent plot which was reported to be owned by the proponent should be removed before mining. An affidavit to this effect should be provided by the proponent.
4. The road to the project area should be widened to permit two-way traffic and photograph of the widened road should be submitted prior to the commencement of mining.
5. The garland canal, silt traps, siltation pond and outflow channel connecting natural drain should be provided prior to the commencement of mining to ensure adequate drainage of the area.
6. The garland drain, silt traps, siltation pond, and outflow channel should be desilted and cleaned periodically and geotagged photographs should be incorporated in the half yearly compliance report.
7. Green belt development in the buffer should be done in the first year of the project itself and it should be nurtured and maintained in subsequent years
8. Measures incorporated in the CER should be implemented in total during the first two years and they should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.
9. Transportation of mined material should not be done during the peak hours in the forenoon (8.30am to 10.30am) and afternoon (3.30pm to 5 pm).
10. The OB dumping site should be provided with protection wall.

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

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

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

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

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

1. ToR 7: Environmental policy and other connected commitments.
2. ToR 32 : Traffic study was not conducted properly reflecting the vehicle load varying in week days and weekends. The interpretation done on the impact of adding more vehicles when the new quarry starts working in addition to adjacent quarries is not convincing adequate. Also, the new quarry is expected to supplement raw material to

the nearby crushers and consequently the production of the crusher units will also increase and require more vehicular movement. All these factors should have been considered in the traffic study. The increase in traffic will have implications on air quality as well as necessitate alternate connecting roads. These aspects should be addressed in detail.

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

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

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

9. EMP should address the site specific and impact zone specific mitigation and management plans for the entire life of mine and provide adequate budget provision.
10. CER proposal should be revised incorporating monitorable and appropriate physical targets in consultation with stakeholders as per norms.

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

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

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

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

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

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

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

1. Method suggested for removal of existing open boulders, inside and at buffer zone area.
2. Re-examine the measures suggested for mitigating the issue of rock fall and revise the measures/procedures considering site-specific scenario.
3. Revise the compensatory afforestation plan considering local species trees, in the available land around the quarry site, preferably in the available land at lower portion

and in continuum to buffer zone, and submit an affidavit, supported with a map showing location, geo-coordinates of boundaries of lands where compensatory afforestation is proposed. Also provide geo-tagged photographs of the proposed site.

4. Provide a development plan for the proposed approach road with allowable gradient, as the land is having very steep gradient.
5. Conduct a revised Traffic Survey covering at least one week period overlapping of week days and week end holidays in order to estimate the realistic vehicle load through the main road and minor road, prior and after operation of the project. The traffic management plan should be revised based on field level data.
6. Re-examine the feasibility of the proposal to use existing mine void propose to utilize for OB dump site and top soil storage facility. If it is found unsuitable, provide a revised plan with map showing OB Dump site with geo-coordinates for boundaries in the open land available at lower elevation, for ensuring safe storage and easy removal and usage of soil at the time of closure of the mine. It should contain a plan for providing Gabion Walls / side protection for the proposed OB dump.
7. Re-examine the storm water management plan proposed for the site and examine possibility of using suitable delay ponds prior to entry of storm water in to public place, considering the slope and proximity to the nearby public road side drain.
8. The project cost should be revised and correspondingly the cost earmarked for EMP and CER.
9. EMP should address the site specific and impact zone specific mitigation and management plans for the entire life of mine and provide adequate budget provision.
10. CER proposal should be revised incorporating monitorable and appropriate physical targets in consultation with stakeholders as per norms.
11. Provide legible survey map certified by the Village Officer showing actual distance from the proposed site to defense installations in the Mukkunnimala area
12. Submit NOC from the defense installation or provide authentic clarification that such permission from the defense authorities is not required considering the distance criteria.

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

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

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

1. Land use map of the study area to a scale of 1: 25,000 based on recent satellite imagery delineating the crop lands (both single and double crop), agricultural plantations, fallow lands, waste lands, water bodies, built-up areas, forest area and other surface features such as railway tracks, ports, airports, roads, and major industries etc.
2. Detailed ground surveyed map on 1:2000 scale showing the existing features falling

within the right of way namely trees, structures including archaeological & religious, monuments etc.

3. Protocols/procedures for addressing the slope stability, landslips, rock fall etc.
 4. Details of the trees to be cut including their species and whether it also involves any protected or endangered species is not given and the details of compensatory plantation is not provided.
 5. Measures proposed to be taken to reduce the number of the trees to be removed.
 6. Details of green belt development and the cost earmarked for the same.
 7. Details, if any, of the wayside amenities, which should include petrol station/service centres, rest areas including public conveyance, etc. or details of space earmarked for the same, if any
 8. Details of construction material requirement and its sourcing and transporting details
 9. Details of the possibilities of utilizing the debris/ waste materials that will be accumulated during the project phase
 10. Details of monitoring air quality and noise level data during the construction and operations phases of the project.
 11. Detailed list of project activities envisaged during construction and operation phases of the project separately
 12. Proposed measures to address and monitor the generation of fugitive dust from crusher units and air emissions from hot mix plants
 13. Details of land filling proposed in the low lying areas and management plan proposed for avoiding drainage congestions.
 14. Specific management plan for addressing the impact on water bodies and low lying areas along the proposed project.
 15. Details of water quantity required and source of water including water requirement during the construction stage with supporting data.
 16. Safeguard criteria proposed to be adopted at the cross-road to avoid accidents
 17. Details regarding the R&R plan proposed.
 18. Management plan for stormwater drainage considering the natural drain of the proposed area to avoid seasonal and perennial flood and water logging.
 19. Clarification regarding the applicability of Kerala Conservation of Paddy Land and Wetland (Amendment) Act, 2018.
 20. Management measures proposed to be adopted for preventing/mitigating the impact on rock-cut caves, temples, churches, mosques and other locally important structures.
 21. Cost-benefit analysis of the Project
- 25. SIA/KL/MIN/59482/2020, 1871/EC1/2021/SEIAA**
Building Stone Mine” Quarry Project of M/s Metarock Pvt. Ltd situated at Block No. 41, Sy. Nos. 340/8, 340/19, 340/22, 341/2-1, 341/2-2, 341/2-3, 341/3, 341/8, 341/8-1, 356/2, 356/4, 356/5, 356/5-1, 356/5-2pt, 356/5-3, 356/5-5, 356/6pt, 356/10, 356/10-1pt, 356/10-1-1pt, 357/7-1pt, 357/26pt, 341/1pt, 356/3pt, Aruvikkara Village, Nedumangad Taluk, Thiruvananthapuram District, Kerala for an area of 3.7980 ha. (Evaluation Report Received).

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

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

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

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

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

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

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

TOR 32: Not complied adequately as only one day traffic survey and study based on that was done and that too in only the Vembanoor- CheriyaKonni Road. This is not found adequate as the increased traffic due to the project will have differential impacts during working days and holidays and implications on different linked roads connecting crusher units, construction sites etc. It is also to be considered that the traffic impact will have implications on air quality and noise level.

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

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

The Committee also noted that there are 12 houses within 100 m radius and out of that 4 houses are belonging to the applicant. Main concern raised by nearby residents during the public hearing held on 6.6.2022 was the proximity of their house to the project site which are located

within 50 m from the project area. This need to be clarified. Based on discussions, the **Committee decided to direct the Proponent to revise the EIA report and EMP considering the above observations and submit the revised documents. The Proponent is also directed to clarify the proximity of houses to the proposed site.**

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

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

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

PART 2

CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE

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

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

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

1. All the marine related regulations should be complied with strictly.
2. Marine biodiversity status of the area should be recorded prior to the commencement of drilling and measures for safeguarding the marine biodiversity should be adopted.
3. The adverse impact on the livelihood of the fishing community, if any, should be monitored and mitigated appropriately.
4. Appropriate safeguards for preventing disturbance to benthic habitat should be adopted prior to the commencement of drilling.
5. Spots of operation should be away from the marine mammal migration and feeding and breeding grounds
6. Drilling activity should not be planned during the spawning periods of corals and

ecologically and economically important species.

7. The water quality of the project site may get affected due to accidental spillage of chemicals/oil/lubricants from the routine operational activities. Therefore, usage of only low toxicity chemicals should be ensured onboard of the rig and transportation vessels.
8. Drilling, wash water and oily water should be treated to conform to limits notified as per MARPOL Regulations, before disposal into sea. The treated effluent should be monitored regularly.
9. The oil spill emergency response system should be strengthened with shorter response time especially during the spawning season.
10. The layout of the subsea infrastructure should be designed to avoid sea bed features.
11. Noise is likely to be generated during the operation phase due to the operation of rigs, generators, etc and rubber padding/noise isolators should be provided for equipment/machineries
12. CER as per norms should be extended for benefitting the fishing community and details should be submitted with HYCR.

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

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

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

1. OB dump at north west side shall be protected with Gabbion wall. Photographs of the gabion wall also should be submitted along with half-yearly compliance report (HYCR).
2. Development of green belt should be initiated prior to the commencement of mining operation.
3. Apart from the rubber plants, more indigenous plants shall be planted in the buffer zone. As per the report submitted 0.5378 Ha green belt should be provided.
4. Compensatory afforestation should be initiated prior to the commencement of mining and the coordinates and geo-tagged photographs of the site should be incorporated in the HYCR.
5. Monitoring of drainage water should be carried out at different seasons by an NABL accredited lab and clear water should only be discharged into the natural stream. Geo-tagged photographs of the drainage and sampling site should be submitted along with HYCR.

6. The impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and the details should be included in the HYCR.
7. Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain should be provided prior to the commencement of mining. Additional two settling tanks should be constructed.
8. Garland drain, silt-traps, siltation ponds and outflow channel should be desilted periodically and geo-tagged photographs of the process should be included in the HYCR.
9. CER Plan should be implemented within the first 2 Years and it should be operated and maintained till the mine closure plan is implemented. Proof of CER implementation should be included in the HYCR
10. Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).
11. The haulage road should be developed prior to the commencement of mining and it should be maintained well and dust-free with sprinkling arrangement.
12. Adequate sanitation, waste management and rest room facilities should be provided to the workers.
13. Adequate energy conservation measures proposed should be implemented including solar power installations for street light and office
14. The Environment Management Cell (EMC) should include an Environment expert and the proceedings of the monthly meeting of the Environment Management Cell (EMC) should be submitted along with the HYCR

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

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

1. Clearance should be obtained from NBWL prior to the issuance of EC considering the proximity of Wayanad Wildlife Sanctuary.
2. The approach road should be widened to a width of at least 7 m and developed prior to the commencement of mining and it should be maintained well and dust-free by providing sprinkler arrangements.
3. Development of green belt using species recommended in the biodiversity assessment report should be initiated prior to the commencement of mining.
4. Compensatory afforestation prior to commencement of mining by planting of local species of trees as described in the biodiversity assessment report in the available land

owned by the proponent, preferably at the lower elevated portion for compensating the lack of feasibility to develop green belt along 100 m length of the buffer zone.

5. Geocoordinates of the land where compensatory afforestation is proposed should be submitted along with geo-tagged photographs of the site.
6. Change the boundary pillars with concrete pillars with a minimum size of 10 cm x10 cm, marked with geo coordinates and submit geotagged photographs as proof.
7. Overburden dump site should be done prior to the commencement of mining at the land available at lower elevation and the site should be protected with gabion walls.
8. Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain should be provided prior to the commencement of mining. Two additional settling tanks should be constructed to ensure discharge of clear water.
9. Garland drain, silt-traps, siltation ponds and outflow channel should be desilted periodically and geo-tagged photographs of the process should be included in the half yearly compliance report (HYCR).
10. CER Plan should be implemented within the first 2 years and it should be operated and maintained till the mine closure plan is implemented.
11. Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).
12. Adequate sanitation, waste management and rest room facilities should be provided to the workers.
13. Adequate energy conservation measures proposed should be implemented including solar power installations for street light and office
14. The Environment Management Cell (EMC) should include an Environment expert the proceedings of the monthly meeting of the Environment Management Cell (EMC) should be submitted along with the HYCR
15. The drain water quality should be monitored regularly by an NABL accredited lab to ensure the discharge of only clear water to the natural stream.

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

Environmental Clearance for Granite Building Stone Quarry of Mr. N.A

Thomas for an extent of 0.9668Ha, Survey no 372/1A/3/8,372/1A/4/9 &

372/1A/4/9 in Kottappady Village, Kothamangalam Taluk, Ernakulam - District, Kerala (Refer back from 118th SEIAA).

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

Wildlife Clearance and other necessary documents.

**5. SIA/KL/MIN/134824/2020 , 1729/EC2/2020/SEIAA
Environmental Clearance for the Proposed Granite Building Stone Quarry of
Mr.Safarulla .k at Re-Sy. No- 320/1,321/2 of Vorkady Village, Manjeshwaram
Taluk, Kasaragod District of Kerala for an extent of 0.1920 Ha. (ADS
Received).**

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

1. Approach road should be developed prior to the commencement of mining and it should be maintained well and dust-free by providing sprinkling arrangements.
2. Development of green belt should be initiated with indigenous species prior to the commencement of mining.
3. Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain should be provided prior to the commencement of mining.
4. Garland canal, silt-traps, siltation ponds and outflow channel should be desilted periodically and geo-tagged photographs of the process should be included in the half yearly compliance report (HYCR).
5. Retaining wall of appropriate height should be provided at the overburden dumping site.
6. CER Plan should be implemented in the first year and it should be operated and maintained till the mine closure plan is implemented.
7. Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).
8. Adequate sanitation, waste management and rest room facilities should be provided to the workers.
9. Adequate energy conservation measures proposed should be implemented including solar power installations for street light and office

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

Decision: The Committee examined the proposal and verified the documents submitted by the proponent. The cluster certificate dated 23.9.2020 submitted by the Proponent indicated that there two quarries with area 5.868 Ha (Lease order dated 11.11.2010) and 2.0138 Ha (Lease order dated 15.2.2019) respectively in addition to the proposed project area. The cluster certificated dated 18.5.2022 indicates that that is no working quarry adjacent to the proposed area. As per S.O. 2269(E) 01.07.1016 of MoEF &CC, “the leases not operative for three years

or more and leases which have got environmental clearance as on 15th January, 2016 shall not be counted for calculating the area of cluster, but shall be included in the Environment Management Plan and the Regional Environmental Management Plan.” And “a cluster shall be formed when the distance between the peripheries of one lease is less than 500 meters from the periphery of other lease in a homogeneous mineral area which shall be applicable to the mine leases or quarry licenses granted on and after 9th September, 2013.” There is another quarry named Palakkal Granites within 500m having mining area of 2.2766 Ha under the consideration of the SEAC. The Proponent in the light of the cluster certificate dated 18.5.2022 submits that there is not cluster situation of more than 5 Ha within 500m. In the circumstance, the Committee decided seek the direction of the SEIAA for deciding whether there is a cluster condition and if so, to direct the Proponent accordingly.

**7. SIA/KL/MIN/140439/2020 , 1821/EC3/2020/SEIAA
Environmental Clearance for Laterite Building Stone Mining project area of
Sajimon Joseph for an area of 0.0898 Ha.of land in, Survey nos. 353/7.
Manjoor Village, Vaikom Taluk, Kottayam District, Kerala (ADS Received).**

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

**8. SIA/KL/MIN/140563/2020 , 1818/EC3/2020/SEIAA
Environmental Clearance for the Granite Building Stone Quarry of Reji M
Kuriakose in Re Block No. 27 Sy. No. 419/2, 419/3, 419/6-4, 419/6, 419/6-2,
419/6-3, 420/1-2, 420/1-3-2, 420/3, 420/4, 421/3 Pattimattom Village,
Kunnathunadu Taluk, Ernakulam over an area of 2.7340 Ha at Kummanodu,
Kunnathunadu, Ernakulam. (ADS Received)**

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

1. Certified Compliance Report from IRO, Bangalore.
2. The proposed plan is to extract mineral from part of the old quarry adjacent to the road that is left without adequate protection (only fencing is provided). There for rectification proposal for that portion the abandoned mine & also appropriate safeguard for the portion with suggestion is to be provided.
3. KML file with boundary pillars.

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

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

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

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

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

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

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

Decision: The Committee examined the proposal and the slope stabilization study, verified the documents and discussed the Field Inspection Report. The proposed life of mine is 5 years for extracting 106195 MT of granite building stone with an extraction rate of 21239 TPA. The depth to water table is 40m above MSL. The Committee discussed the proposal and decided to

recommend EC for a period of 5 years subject to the following Specific Conditions in addition to the General Condition:

1. Development of green belt should be initiated prior to the commencement of mining operation.
2. The impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.
3. Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain should be provided prior to the commencement of mining. Additional two settling tanks should be constructed.
4. Garland drain, silt-traps, siltation ponds and outflow channel should be desilted periodically and geo-tagged photographs of the process should be included in the compliance report.
5. Retaining wall of appropriate height should be provided at the overburden dumping
6. CER Plan should be implemented within the first 2 Years and it should be operated and maintained till the mine closure plan is implemented.
7. Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).
8. The haulage road should be developed prior to the commencement of mining and it should be maintained well with frequent sprinkling.
9. Adequate sanitation, waste management and rest room facilities should be provided to the workers.
10. Adequate energy conservation measures proposed should be implemented including solar power installations for street light and office
11. The Environment Management Cell (EMC) should include an Environment expert the proceedings of the monthly meeting of the Environment Management Cell (EMC) should be submitted along with the HYCR
12. The drain water quality should be monitored regularly by an NABL accredited lab and clear water should be flowed into the natural stream.
13. An abandoned quarry with about 15 to 25m vertical wall is located within the project area. The boundary of the abandoned quarry has to be safeguarded by providing fencing around it and the proponent has to implement proper mine closure plan within one year and proof of mine closure should be included in the HYCR.

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

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

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

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

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

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

Regarding the NOC from defense for mining operation, a legal opinion has been received from the standing council on 07.08.2022. As per the legal opinion, “the field is governed by the Works of Defense Act, 1903[hereinafter referred to as ‘the Act’], which is an enactment to provide for imposing restrictions upon the use and enjoyment of land in the vicinity of works of defense in order that such land may be kept free from buildings and other obstructions. Section 3 of the Act provides for imposition of restrictions. The section stipulates that whenever it appears to the Central Government that it is necessary to impose restriction up on the use and enjoyment of the land in the vicinity of any work of defense, it is intended to be used or to be acquired for any such work, in order that such land may be kept free from buildings and other obstructions, a declaration shall be made to that effect under the signature of a Secretary to such government or of some Officer duly authorized to certify its orders. Further, Sub section 2 provides for publication of the declaration in the official gazette, specifying the details of land and sketch plan of the land and publication thereof. Hence, the distance to be maintained, for carrying out any activity, from a defense installation is governed by the notification issued under Section 3; and it varies considering the requirement of each defense installation, as published in the gazette notification issued u/s. 3 of the Act, in respect of the particular defense installation. Hence, the project proponent may be directed to obtain the relevant Gazette notification with regard to the particular defense installation”. The Committee decided to communicate the same to the Proponent.

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

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

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

A series of writ petitions were filed by various quarry operators challenging the stop memos issued by the Village Officer Pallichal Grama Panchayat. The quarry operators contended that

while assigning the land, even for cultivation and for residential purposes alone, the Government had reserved to itself the right over the quarries and mines adjacent to the land, and when the Government granted quarrying lease/permits, it was only exercising the right that was reserved with itself at the time of assignment and the same is not opposed to the purpose of assignment.

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

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

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

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

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

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

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

Application for Environmental Clearance for the Ordinary Earth of Mr.Naushad T M, Chemmalakkudy Thachayil House, Vengola P O, Ernakulam Dist. at Re-Sy.No: 441/7-3,441/7-4,441/7-5-2,Block No :22 in Arakkappady Village, Kunnathunad Taluk, Ernakulam District, Kerala State

(Refer back from 118th SEIAA)

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

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

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

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

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

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

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

1. Revised Project cost as per norms.
2. Revised EMP incorporating site specific mitigation and management measures and adequate budgetary provision
3. Revised CER incorporating monitorable physical targets in consultation with the stakeholders of the Laksham veedu Settlement. The conditions of Laksham veedu settlement in Ward 7 should be studied properly prior to preparation of CER proposal. The quality of materials to be used for various activities in the settlement also should be mentioned in the CER proposal. (The proponent could not comply with the condition of EC 77/SEIAA/KL/172/2013 dated 28/12/2019 of initiating activities worth Rs.3 Cr for protection and promotion of environment including waste management in the project district as per OM F.No.22-65/2017-IA-III dt.01.05.2018 of MoEF & CC as directed by Director, Directorate of Environment & Climate Change and supervised by District Collector).
4. A compensatory afforestation plan should be submitted along with area boundary coordinates, species type and quantity and geo-tagged photographs of the proposed site.
5. Maintenance of Payyanamon- Adicadu road should be done properly with sufficient drainage facility.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Granite Building Stone Quarry over an extent of 0.5456 Ha in Re-Survey No.-

217/17pt (Patta land) & Re-Survey No.-214/1pt (Govt. Land) Pooyappally Village, Kottarakara Taluk, Kollam District, Kerala (Refer back from SEIAA)

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

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

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

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

CONSIDERATION OF TOR PROPOSALS

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

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

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

PART 3

CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE

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

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

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

1. The present proposal is to extract granite building stone from a quarry which was being mined till recently as per Lease Order No. 696/2009-2010/9758/2009 dated 23.3.2010 for 12 years. The project also had Integrated Consent to Operate No. PCB/KKD/DO/ICO-R4/501/2018 17/02/2018 issued by the Kerala State Pollution Control Board till 18/04/2022. The mining has been done without EC.
2. As per the mine lease order, the proponent was permitted production of granite building stone of 15,000 TPA.
3. The present proposal is to mine 1,80,000 TPA of granite building stone from an area of 2.6305 Ha with a Project Cost of Rs. 2.5 Cr. The proponent submitted a mine plan approved on 9.4.2018 which indicated that the mineable reserve is 11,15,155 MT and proposed life of mine is 12 years. The applicant, however, has not entered many of the details of the project area in Form 2 which includes depth to water table, pre-mining and post-mining landuse, mine void data etc. The Proponent has also submitted a non-

assignment certificate dated 5.7.2021 which indicates that the land is not assigned for any specific purpose.

4. The project did not adhere to any distance criteria to residential houses etc., in the earlier stages its operation spanning in an area of 2.6305 Ha, as understood. Later on, the project area was reduced to 2.2857 Ha while granting Integrated Consent to Operate by the KSPCB to overcome the distance criteria. The present proposal is for EC for an area of 2.6305 Ha.
5. There have been various complaints against the quarry regarding distance criteria, over-extraction, and nuisance to the public on account of violation of mining protocols. The Principal Bench of Hon. National Green Tribunal OA No. 294/2022 dated 04.5.2022 ordered to verify the factual position and observed that in case of violation of environmental norms, remedial action is required on the basis thereof. The Hon. NGT constituted a Joint Committee consisting of a representative of SEIAA, KSPCB and District Collector, Kozhikkode, the latter as the nodal agency. The SEIAA has nominated a Member of the SEAC to the Joint Committee in File No. 1861/EC4/2019/SEIAA.
6. The Joint Committee is yet to submit its report.
7. In the field inspection report, the sub-committee noted that the boundary pillars at certain locations are not in a fixed condition, the buffer zone is not retained in most of the regions, the green belt is poorly developed, drainage systems are not provided, benches are not maintained and distance criteria is violated as the residential area is only 46.1 meters (from BP1), and the public road is only 33.9 meters from BP 7. There are also indications of over-extraction and unscientific mining operations. There are no elevation contour map provided in the mine plan and mineable reserve estimated seems to be very high as large portion of the area is already mined.

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

**2. SIA/KL/MIN/130005/2019 , 1568/EC2/2019/SEIAA
Environmental Clearance for the proposed Granite Building Stone Quarry
project of Mr. Shafir P in Survey No. 374/782, 374/509, 374/510 of Valad
Village, Manathavadi Taluk, Wayanad District, and Kerala (FIR Received).**

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

1. An abandoned quarry pit is located at the center of proposed project area and no benches are maintained in the old quarry pit.
2. The south eastern steep sloping flank is under rubber plantation and north western portion is natural vegetation.
3. Soil thickness is moderate and slope is steep on both the flanks.

4. An office building without building number is located 27m away from the project area boundary.
5. The proposed area falls in the head portion of a valley where rainwater from all three flanks of the valley collect to the old quarry pit and flows out as a natural channel.
6. Approach road for about 100m need development.
7. The biodiversity in and around the site is good.

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

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

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

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

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

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

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

Decision: The Committee examined the proposal and discussed the field inspection report in detail. It I observed that there is an abandoned quarry with about 40m vertical scarp, located at South East portion of the project area. Two streams flowing through the proposed project area and approach road need development. In these circumstances the **committee decided to direct the proponent to submit the following additional details:**

1. Map showing the OB dump location and protection measures.
2. Compensatory afforestation plan along with geo-coordinates of proposed site and geo-tagged photographs of the site

3. Revised EMP incorporating site specific mitigation measures and management plans and adequate budget provision for the entire life of mine proposed.
 4. Revised CER plan incorporating monitorable physical targets in consultation with stakeholders.
 5. Development plan for the approach road.
- 5. SIA/KL/MIN/148066/2020 , 1693/EC2/2020/SEIAA
Environmental Clearance for Granite Building Stone Quarry of Mr. Babu.P at
Survey No. 535/1 in Thayannur Village, Vellarikkund Taluk, Kasaragod District,
Kerala (FIR Received)**

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

1. Map showing the OB dump location and protection measures.
 2. Compensatory afforestation plan along with geo-coordinates of proposed site and geo-tagged photographs of the site
 3. Revised EMP incorporating site specific mitigation measures and management plans and adequate budget provision for the entire life of mine proposed.
 4. Revised CER plan incorporating monitorable physical targets in consultation with stakeholders.
 5. Development plan for the approach road.
- 6. SIA/KL/MIN/149209/2020 , 1700/EC4/2020/SEIAA
Environmental Clearance for the building stone quarry of Sri.M.P.Lalu, at Re
Survey No.74/1Dpt,74/608pt, Block No. 37 of Kuttur Village, Payyannur Taluk,
Kannur District, Kerala for an Area of 1.4336 Ha. (ADS Received)**

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

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

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

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

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

9. SIA/KL/MIN/168428/2020 , 1988/EC2/2022/SEIAA

Environmental Clearance for Granite Building Stone Quarry of Mr. Safarulla K. having an area of 1.0289 Ha in Re-Sy. No- 318/1D of Vorkady Village, Manjeshwaram Taluk, Kasaragod District of Kerala. (FIR Received).

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

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

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

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

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

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

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

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

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

6. Proof of application submitted to NBWL for wildlife clearance
7. Safeguard plan for the adjacent abandoned quarry which is left without any protection against accidents.
8. Status report on the mine closure plan of the adjacent quarry mined till recently.

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

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

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

1. Revised EMP with adequate and spot specific mitigation measures and with adequate fund provided for such measures. As the EMP cost increases, the total project will increase and accordingly the CER cost and incorporate the revision required.
2. Development plan for proper road access to the site either through own land or through consented land as there is no proper road access to the site as the road is marked in the survey map through land owned by others.
3. Detailed drainage plan either through own land or through consented land as the outflow channel from the garland drain to the natural drain is shown through plot owned by others.
4. Detailed compensatory afforestation plan incorporating the geo-coordinates of the proposed site, details of species proposed to be planted and nurtured and geo-tagged photographs of the site.
5. Plan and estimate for providing temporary wall along the boundary of the proposed mine site where houses are located to address the concerns of the households in the vicinity of the quarry.

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

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

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

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

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

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

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

Environmental Clearance for the granite building stone quarry project of Sri.Jayarajan. A for an area of 0.9751 Ha in Sy.No.1169/119, 1169/124 in

Melmuri Village, Ernad Taluk, Malappuram District (Fresh Proposal)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Decision: The Committee examined the proposal and discussed the field inspection report. It is observed that the site is in between two hills with elevation of 228m above MSL on the northeast and 274m above MSL on the western side. The proposed site is on the foothill of the one with elevation of 274m. There are also two abandoned pits in between the proposed site and hill on the north-east. There are chances of rolling down of materials from the top at the portion of the

site covering boundary pillars BP1, BP10, BP9 and BP8. Therefore, appropriate safeguard including distancing of the boundary of the proposed quarry away from the hill need consideration. It is also observed that there is need to revise the EMP incorporating site specific mitigation and management measures and adequate budget and also the CER incorporating monitorable physical targets in consultation with the stakeholders. Based on discussions, **the Committee decided to invite the proponent for presentation.**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

PART 4

CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE

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

Granite building stone quarry of M/s Crystal Granites in Re-SurveyNos. 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 ofVarkala Taluk, Thiruvananthapuram District, Kerala (ADS Received)

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

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

Granite Building stone quarry project of Sri. K. P. MUHAMMED BASHEER for an extent of 0.7874 HainRe Survey No. 276/1 in OorakamVillage, ThirurangadiTaluk, Malappuram District, Kerala (Additional Documents Received)

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

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

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

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

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

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

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

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

Application for Environmental Clearance for the Granite Building Stone Quarry

of Abdul Nazer. P in Survey No.137/10-13, 137/10-15, 137/10-14, 137/10-11 in Valambur Village, Perinthalmanna Taluk, Malappuram(FIR received)

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

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

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

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

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

6. **SIA/KL/MIN/167408/2020 , 1946/EC6/2022/SEIAA
Environmental clearance for the proposed Granite (Building Stone) Quarry of Sri.SajidAyoliat Re- survey no. 291 in Oorakam village, Thirurangadi Taluk, Malappuram District, Kerala for an extent of 0.9642 Ha (FIR received)**

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

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

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

1. Response to the mass protest of the local people against the proposed quarry.
 2. Environmental status of the area within 500m radius of the project site considering various abandoned and ongoing quarries, land fragility, proneness to landslides considering the terrain slope, overburden thickness, soil characteristics, lithology, vegetation, rainfall characteristics etc.
 3. Comprehensive Environmental Management Plan for mitigating the impacts on land, water and biodiversity.
- 7. SIA/KL/MIN/203330/2021 , 1937/EC3/2022/SEIAA
Environment Clearance for mining permit of ‘Granite Building Stone Quarry of M/s. Mariyan Granites’ over an extent of 0.9802 Ha.inSy Nos. 805/1A-40, 805/1A-40, 805/1A-40 of Kalloorkkad Village, Muvattupuzha Taluk, Ernakulam District, Kerala (Additional Documents Received)**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

1. The proposed project falls on the top of a hillock, which is slopping towards the east, west, and northern directions. The altitudinal difference is more on the western side (97 m) than on the east (72 m). Land development was noticed in certain areas of the project site.
2. Vegetation is sparse in the area the site is more or less barren.
3. It is stated that an extent of 7 KLD of water is required for quarry and associated operations. There is no water resource or storage facility in the project area. There is ambiguity in the project proposal regarding the source and distribution of water to the project site.
4. CER activities are not specific and the drainage plan is not proper.

5. The access road to the project site is poorly developed.
6. There are 7 hard rock quarries spotted in the vicinity namely New Tech Granite, Anthiyur Granites, Malabar Granites, Calicut Granites, New Tech Granites, Vikas Granites and Beta granites as per google earth map.
7. There are two complaints received claiming ownership of the land in which the project is proposed and requesting that proposed activity should not be permitted in the land. The compliants are from Dr. Azad Mooppan, Mooppan House, Thodayad, Chevayur, Kozhikkode dated 10.10.2022 and from Col. Nissar Ahmed Seethi, Chief Operating Officer, Social Advancement Foundation of India & SAFI Institute of Advanced Study, Vazhayur East dated 13.10.2022

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

1. Response of the Proponent to the two complaints as stated above. The Proponent should be provided with the copy of the complaints.
2. Preventive measures for overcoming air pollution due to dust emission considering the barrenness of the area, elevation of the hillock and possibility for dust emission.
3. Details of water resources to be used for this quarry (with geo coordinates), together with their hydrologic features with respect to seasons.
4. Detailed EMP incorporating site specific mitigation measures, specific CER activities with monitorable physical targets in consultation with stakeholders and adequate budget provision.
5. Proposal for green belt and greening the location with appropriate indigenous tree species.
6. Lithologic section of the site with characteristics of the laterite column.
7. Survey map indicating distance to nearest built structures within 100m
8. Detailed drainage plan considering the necessity of preventing water logging in the pit.
9. Details of Ecological and Environmental sensitivity of the site as envisaged in the application form

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

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

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

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

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

Decision: The Committee examined the proposal discussed the field inspection report of the

Sub-committee conducted on 28.09.2022 and **decided to direct the proponent to submit the following additional documents:**

1. NOC from the Irrigation department.
2. Revised Project Cost as per norms
3. Revised EMP incorporating site specific mitigation and management measures and adequate budget provision
4. Revised CER with specific activities in physical terms to be undertaken by the proponent in consultation with the stakeholders as stipulated in the OM No.22- 65/2017-IA.III dated 30/09/2020 and OM No. 22-65/2017-IA.III dated 20/10/2020 of the MoEF&CC, GOI instead of allocation of funds under CER.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Application for Environmental Clearance for the Granite Building Stone quarry project of Sri.Kaderbabu E.K in Block No.2, Sy.No.111/4, 111/7, 111/8, 111/2, 111/10, 111/5, 111/6 in Kannamangalam Village, Tirurangadi Taluk, Malappuram (Evaluation Report received)

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

the following non-compliance in EIA with respect to the approved ToR.

1. TOR 7: An environment policy approved by the Board of Directors of the project is found missing. Also, Chapter 3.2 on micro-meteorology addressed temperature values incorrectly.
2. TOR 19: Details regarding proximity to “critically polluted” areas is missing.
3. TOR 22: The mineralogical composition of PM10, particularly for free silica is not given.
4. TOR 23: Air quality modelling is missing in the report
5. TOR 24: Details on the usage of water, water availability and source of water and the water balance study is missing.
6. TOR 26: No water conservation methods/measures and rainwater harvesting details are not included in the report.
7. TOR 27: Only one surface water (river) have been collected and analysed. It is not representative of the study area. No surface water sample is taken from the streams present within the 10km of project site. There are a number of primary and secondary streams in the study area as depicted in Fig. 3.4 which are not considered. The connectivity of garland drain with the natural stream is not given. The Fig. 3-6 given as drainage pattern of the area is not representative of the study area.
8. TOR 28: Though the details of well locations and depth to water table is given, the distance from the proposed quarry to the well locations is missing. The wells are not mapped and schematic diagram of ground water potential is not provided.
9. TOR 30: No schematic diagram on site elevation, working depth, ground water table etc. are not given.
10. TOR 32: No traffic study is found detailed in the report.
11. ToR 34: Mine closure plan is not found detailed in the report.
12. ToR 35: No details given on Occupational health impacts and its mitigation
13. ToR 36: Implications on Public health are not systematically evaluated and proposal for remedial measures with budgetary allocation is missing
14. ToR 37: The detailed Socio -economic significance is also missing
15. TOR 38: Detailed Compensatory afforestation plan is not given. It should include the geocoordinates and photographs of the proposed site, a list of plant species (trees, shrubs, climbers, etc.), time frame, planting details, and a maintenance plan for the first five years. Further, the Environmental Monitoring budget is not adequate.
16. ToR 42 : Disaster management plan is not given. The method used for assessing the impact such as Matrix, Checklist etc. is not mentioned. The EIA report is supposed to represent the activities and their impacts in a logical manner to facilitate communication with stakeholders, but this approach is not found adopted.
Further, sampling sites are not mapped and data collection for EIA study was not done during the critical season. The shift in rainfall pattern since 2018 and consequent impact on the land, water, atmospheric, biological and social aspects is not found adequately addressed.

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

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

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

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

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

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

CONSIDERATION OF TOR PROPOSALS

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

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

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

1. Breach potential study.
2. **SIA/KL/INFRA2/404217/2022 , 2125/EC1/2022/SEIAA**
Common Biomedical Waste treatment facility by IMAGE-IMA at Adoor in Endaimangalam Village, Adoor, Pathanamthitta District, Kerala (Fresh Proposal)

Decision: The Committee examined the proposal and decided to recommend Standard ToR

for conducting EIA study and evolving EMP with the following additional study.

1. Breach potential study.
2. Land fragility assessment

PART 5
CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL
CLEARANCE

1. **SIA/KL/MIN/133614/2019, 1842/EC6/2020/SEIAA**
Granite Building stone quarry of “Mr. Babu N.P, Managing Partner, M/s. Grand Rock Products AtSy.No: 157/3 in Wadakkanchery Village, Thalappilly Taluk, Thrissur District, Kerala State(Fresh Proposal)

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

2. **SIA/KL/MIN/218355/2021 , 2094/EC4/2022/SEIAA**
Environmental Clearance for the Granite Building Stone Quarry project of Mr. K. Gangadharan at Re-Survey No. 151/1, 151/4, 1/1 of Puthur Village, Thalassery Taluk, Kannur District, Kerala for area of 1.3710 hectares.(Fresh application)

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

3. **SIA/KL/MIN/257315/2022 , 1969/EC2/2022/SEIAA**
Environmental Clearance for the Proposed Granite (Building Stone) Quarry in Re-Survey Nos: 375/1, 375/2, 375/3 of Puthoor Village & Re-Survey Nos: 381/1, 381/1-2, 381/1-3, 381/8, 381/10 of Kalayapuram Village, Kottarakkara Taluk, Kollam District, Kerala(Fresh Proposal)

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

4. **SIA/KL/MIN/268812/2022 , 2101/EC1/2022/SEIAA**
Granite Building Stone quarry project of Sri. Sukumaran, President of Ottapalam Taluk Karinkal Quarry Operators Industrial Co-Operative Society Ltd in an extent of 0.3332 Hectares in Re. Survey No. 495 of Ananganadi Village of Ottapalam Taluk of Palakkad District (Fresh Proposal)

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

5. **SIA/KL/MIN/273789/2022 , 2117/EC2/2022/SEIAA**
Environmental Clearance for Laterite building stone quarry of Mr. Saburaj E. G. over an extent of 0.0971 Ha, Survey No- 246/1PT401 in Kinanur Village, Vellarikkund Taluk, Kasaragod District, Kerala(Fresh Proposal)

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

6. SIA/KL/MIN/277481/2022 , 2118/EC2/2022/SEIAA
Environment Clearance for mining permit of " M/s Minering Aggregates Private Limited" over an extent of 4.7998 Ha at Re-Sy Block No.:01, Re-Sy No.: 23/1 pt427, 23/1 pt426, 23/1 pt424 & 23/1 pt375, Kolathur Village, Kasaragod Taluk, Kasaragod District, Kerala(Fresh Proposal)

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

7. SIA/KL/MIN/278677/2022 , 2100/EC1/2022/SEIAA
Environment clearance of the Proposed Granite Building Stone Quarry of Mr. Vinod S over an extent of 0.5946 Hectares at Block No.-25, Survey No. 314/1pt, 314/1-1pt, 314/1-2pt at Enadimangalam Village of Adoor Taluk, Pathanamthitta District, Kerala (Fresh Proposal)

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

8. SIA/KL/MIN/278920/2022 , 2091/EC6/2022/SEIAA
Environmental clearance for Granite Building Stone Quarry of Mr. Sajeer. K. T, over an area of 1.2008 Ha. Block No.61, Re.Survey No. 3/4, 3 in Trikkalangode Village, Ernad Taluk, Malappuram District, Kerala(Fresh Proposal)

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

9. SIA/KL/MIN/279495/2022 , 2115/EC3/2022/SEIAA
Building Stone Quarry of Mr. E.M. Madhu at Re-Sy:-324/1,318/7,318/1of Moonilavu Village, Meenachil Taluk, Kottayam, Kerala (Fresh Proposal)

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

10. SIA/KL/MIN/280530/2022 , 2088/EC3/2022/SEIAA
Granite Building Stone Quarry of "Sri. Tom George" over an extent of 2.0508 Ha at Sy No.: 80/5/B, 80/6 & 82/2/B, Palakuzha Village, Muvattupuzha Taluk, Ernakulam District, Kerala (Fresh Proposal)

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

11. SIA/KL/MIN/280927/2022 , 2102/EC3/2022/SEIAA
Environmental Clearance –Laterite Buliding Stone project at Edackattuvayal Village, Kanayannoor Taluk, Ernakulam District, Kerala for an area of Permit Area0.0971 hectares (Fresh Proposal)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Decision: The Committee examined the proposal and verified the details. Since the site is falling in the ESA Village, EC for quarry cannot be issued as per the direction issued by the MoEF CC dated 13.11.2013. **Therefore, the Committee decided to cancel the field inspection decided on the 126th meeting of the SEAC and also decided to recommend to SEIAA to delist the proposal.**

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

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

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

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

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

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

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

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

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

The 132th meeting of the SEAC held on 13-15 September, 2022, heard the authorized person of the proponent, Mr. Raju K Thomas, and the complainants Mrs. Manju Ann Thomas, Manoj Thomas, Linto M George and Adv. Muhammed Ansari in detail and asked for hearing notes from both the parties in a week. The Committee also decided to prepare a report by considering the hearing notes and documents available in the file.

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

SEIAA/SEAC and as per the certified documents submitted by the proponent, the proposal can be considered for environmental clearance.

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

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

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

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

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

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

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

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

PART 6**CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE**

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

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

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

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

**Suneel Pamidi, IFS
Secretary, SEAC**

**Dr.Ajayakumar Varma
Chairman, SEAC**

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