

and observed that the project area falls on flank of a hillock with varying slope with the upstream part exhibiting steep to very steep slope and the downstream part exhibiting moderate slope. The rock are fractured and the fracture density is high within and outside the project area. Considering the detailed scientific inputs from the study carried out by the NIT and the two field teams, the Committee understood that the land fragility is very high and it is not desirable to permit intensive and intrusive activity such as mining. Therefore, the Committee decided to recommend rejection of the proposal.

PART 1

CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE

1. SIA/KL/MIN/129726/2019 , 1695/EC2/2020/SEIAA

Building Stone Quarry of Mr. Abdul Rahoof P.P over an extent of 0.8209 Ha. In Survey No. (28/3) in Parappa Village, Vellarikund Taluk, Kasargod District, Kerala (Presentation).

Decision: In the 130th meeting, SEAC had observed that even after giving two chances with invitations, the Project Proponent (PP) failed to appear before the Committee for making the presentation. Hence the Committee had decided to give one more chance to the PP with an intimation that the failure to attend for presentation will lead to the delisting of his application. Even after giving three chances, the proponent failed to make the presentation. **Hence the Committee decided to delist the proposal at the risk of the PP.**

2. SIA/KL/MIN/135339/2020 , 2027/EC3/2022/SEIAA

Environmental Clearance for the Removal of Ordinary Earth of Sri. Binu K. Alias, in Block No. 49, Re-Sy Nos. 132/5, 132/6, 132/14, 132/22, Aikarand South Village, Kunnathunad Taluk, Ernakulam, Kerala. (Refer back from 119th SEIAA)

Decision: After the detailed verification of the proposal, as per OM dated 24.6.2013, the 132nd meeting of SEAC recommended EC for the project with certain Specific Conditions including the condition that ‘the borrowing/excavation activity should be restricted to a maximum depth of 2m below general ground level at the site’.

The Authority in its 119th meeting observed that as there is an approved Mining Plan and hence the 2m depth is not practical in the case of mining of ordinary earth. Authority also noticed that the slope is towards north - south direction, at the northern end the depth of excavation is upto 18 m and there are houses within 10m at the southern side. Since benches are not practical for mining ordinary earth, Authority decided that refer back the proposal to SEAC for reconsideration by assessing the impact of removing this much volume of earth and give recommendations by suggesting protective measures to avoid landslides/slips, etc, in case the proposal can be reconsidered with additional protective measures.

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

3. SIA/KL/MIN/143386/2020 , 1592/EC4/2020/SEIAA

Environmental Clearance for Laterite building stone quarry of Mr. K.P Sreedharan, over an extent of 0.1943 Ha. In Re- Sy. Nos-21/31, 21/44 in Chathamangalam Village, Kozhikode Taluk, Kozhikode, Kerala. (Presentation).

Decision: In the 130th meeting, the Committee had observed that even after giving two chances with invitations, the Project Proponent (PP) failed to appear before the Committee for making the presentation. Hence the Committee had decided to give one more chance to the PP with an intimation that the failure to attend for presentation will lead to the delisting of his application. Even after giving three chances, the proponent failed to make the presentation. **Hence the Committee decided to delist the proposal at the risk of the PP.**

4. SIA/KL/MIN/149391/2020 , 1651/EC4/2020/SEIAA

Environmental Clearance for Laterite building stone quarry project of Vineesh, over an extent of 0.0971 Ha in Re Sy No. 196/6 of Naduvannur Village, Koyilandy Taluk, Kozhikode, Kerala. (Presentation).

Decision: In the 130th meeting, the Committee observed that even after giving two chances with invitations, the Project Proponent (PP) had failed to appear before the Committee for making the presentation. Hence the Committee had decided to give one more chance to the PP with an intimation that the failure to attend for presentation will lead to the delisting of his application. Even after giving three chances, the proponent failed to make the presentation. **Hence the Committee decided to delist the proposal at the risk of the PP.**

**5. SIA/KL/MIN/159687/2020 , 1853/EC2/2020/SEIAA
Conversion TOR to EC- Granite Building Stone Quarry of Mr. Sebastian George
for an extent of 0.8752 Ha in Re Survey Nos. 599/1A1, 599/1A2 & 599/3 of Belur
Village Vellarikund Taluk Kasargode Kerala (Presentation)**

Decision: As invited, the authorized person by the Proponent, Sri. Sebastian George, with authorization letter and Consultant, Dr. Jayaprakash C with authorization letter were present. The RQP made the presentation. The Committee heard the presentation and **decided to entrust Dr. A N Manoharan & Sri. Gopinathan for field inspection and report.**

**6. SIA/KL/MIN/167340/2020 , 1860/EC1/2020/SEIAA
Environmental Clearance for the building stone quarry Sri. Shibin William
Varghese at Block No:32, Re. Survey Nos. 175/4,171/5,6,7,172/1/1, of Koodal
Village, Konni Taluk, Pathanamthitta District, Kerala (Field Inspection Report
Received)**

Decision: The committee discussed the field inspection Report in detail and found that the Moderate Hazard Zone is situated about 1 km away from the proposed site. **The Committee decided to direct the proponent to submit the following additional documents:**

1. Upload the KML file of the site.
2. The non-assignment certificate is inadequate. It does not state whether the land is assigned or not. It also states that the land was originally part of the Ratnagiri estate. Therefore, the Proponent should submit a proper Non-Assignment Certificate.
3. There will be removal of trees and bushes from the proposed project site. Therefore, tree-cutting details have to be provided.
4. Provided pre-mining land use details as envisaged in Form 2

5. The revised cost of the project.
6. Revise the EMP with site-specific proposals and budget estimates for the implementation of environmental management measures, environmental monitoring requirements and CER proposal with monitorable physical targets.
7. Estimate and provide the details of quantity of top soil/overburden to be removed and its storage and protection details.
8. Provide the source of water, yield of the water source and water management plan.
9. Environmental quality data provided is of May 2018 and therefore, provide recent monitoring data.
10. Recently certified and legible Survey map indicating distance to houses, roads, streams, forest boundary and other built structures, if any.
11. Recent Cluster certificate as the non-cluster certificate uploaded is dated 24.5.2018.
12. Detailed drainage plan with connectivity to natural drain is not submitted.
13. Map showing OB dumping site along with details of its protection measures
14. Map showing haulage road along with details of its width and length.
15. Detailed plan for compensatory afforestation along with geo-coordinates of the site, geo-tagged photographs of the proposed site and its area as well as species proposed to be planted.
16. Plan for rainwater harvesting.
17. Plan for sanitation and waste management arrangements along with specifications.
18. Plan for energy conservation measures is along with specifications.

As per the FIR if EC is issued the following Specific conditions may be considered.

1. The forest boundary is in the vicinity and therefore, a temporary wall may be erected around the quarry area to reduce the danger to wild animals in the region
2. Boundary pillars shall be fixed properly and proof submitted.

7. SIA/KL/MIN/181699/2020 , 1875/EC3/2021/SEIAA

Environment Clearance for mining lease of “Granite Building Stone Quarry project, M/s. Focus Mining Company” over an extent of 4.6674 Ha.at Re-Sy. Bl. No.13, Re-Sy. Nos. 335/2-1, 335/2-2, 335/2-3, Kanjirappally Village, Kanjirappally Taluk, Kottayam District, Kerala (FIR Received).

Decision: The Committee verified the project details, discussed the field inspection report in detail. Presentation of the project was done before the Committee and ADS submitted is found satisfactory. The Committee also noticed that the nearby building (35m) shown in the survey maps as the site office is demolished. The Committee decided to direct the proponent to submit the following additional documents:

1. Boundary Pillars fixed with concrete and the geo-coordinates of the point are to be marked on that. The geo-tagged photographs should be submitted as proof of the same.

**8. SIA/KL/MIN/188469/2020, 1868/EC4/2020/SEIAA
Environment Clearance for the Proposed Laterite Building Stone Quarry of Mr. Riyas N.K. for an extent of 0.2593 Ha at Re -Sy. No. 149/1 of Perumanna Village, Kozhikode Taluk, Kozhikode Kerala.(Presentation)**

Decision: The Committee had observed that even after giving two chances with invitations, the Project Proponent (PP) failed to appear before the Committee for making the presentation. Hence the Committee had decided to give one more chance to the PP with an intimation that failure to attend for presentation will lead to the delisting of his application. Even after giving three chances, the proponent failed to attend the presentation. **Hence the Committee decided to delist the proposal at the risk of the PP.**

**9. SIA/KL/MIN/194573/2021, 1889/EC6/2021/SEIAA
Environmental Clearance for Laterite building stone quarry of Mr. Asees Kadakkadan for an extent of 0.5827 Ha in Sy.No. 458/2,3 of Ponmala Village, Tirur Taluk, Malappuram, Kerala (FIR received).**

Decision: The committee discussed the field inspection report conducted on 03/10/2022 as per the 129th SEAC meeting in detail and found that there is a house at a distance of 38 m from the proposed site. **So, the committee decided to reject the proposal as per the existing norms.**

**10. SIA/KL/MIN/195590/2021, 2041/EC1/2022/SEIAA
Environmental Clearance for Granite (Building Stone) Quarry of Sri. Rajendran Nair for an area of 1.1862 Ha in Re-Survey Nos. 233/10, 233/11, 233/12, 233/13, 233/14, 233/15, 233/16, 233/22, 233/23, 234/4, 234/6, 234/7, 234/8 & 234/36 in Pullampara Village, Nedumangad Taluk, Thiruvananthapuram (Field Inspection Report Received).**

Decision: The committee discussed the field inspection report conducted on 12.11.2022 as per the 132nd SEAC meeting in detail and found the following:

1. Proposed mining area is covering part of an existing abandoned quarry owned by the proponent and has a steep vertical face of about 30-45 m high on one side of the proposed site.
2. Mining has been done beyond the permitted boundary and a portion of the government land is mined. The Proponent reported that he has paid a fine for illegal mining, but no proof was produced. It is also reported that the mining is stopped in the year 2012.
3. A crusher located at a distance of 12m from the proposed boundary is operated occasionally. The mine void is used for the storage of rock brought for the crusher from outside.
4. Quarrying has been done without providing any bench and mine void is about 10m deep
5. The top portion of the abandoned quarry, on the western side, indicates soil collapse where the thickness soil is deep.

The Committee also noted the requirement of the following clarifications/additional details.

1. A crusher unit is located at a distance of 12m from the boundary of the proposed site and the PP shall state whether the structure can be shifted to a safe stipulated distance as it is not desirable to have such a structure in the close proximity.
2. Proof/details of own house situated within 100 m radius.
3. Depth to water table and geo-coordinates of available wells in the nearby houses situated within 100 m .
4. Legible Recent Survey Map certified by the Revenue authorities, showing all built structures situated within 200 m radius of the proposed site.
5. Map showing location of OB dump site with geo-coordinates in the lower side of proposed site with proposal for side protection measures.
6. Proof of concrete boundary pillars of 5 feet high firmly fixed on the ground.
7. Provide Compensatory Afforestation Plan for compensating the non-feasibility of green belt in some portion of the buffer zone and also for the trees removed from the site along with geotagged photographs of the proposed location and the area earmarked

for the purpose and its geocoordinates.

8. Plan for protection of thick soil column at the top portion of the proposed site below the buffer zone.
9. Plan for protecting/safeguarding the steep vertical phase of the abandoned quarry encroached into the government land to prevent accidents.

The committee decided to invite the proponent for presentation. The proponent shall address the above points while making the presentation.

11. SIA/KL/MIN/203074/2021, 1899/EC4/2021/SEIAA

Environment Clearance for the proposed expansion of the existing building stone quarry project of M/s Sri Lakshmi Stone Crusher for an area of 4.8875 ha. in Re-Survey Nos. 1561/120, 1561/137, 1561/138, Kanichar Village, Iritty Taluk, Kannur, Kerala (Field Inspection Report)

Decision: The committee discussed the field inspection report conducted on 25.10.2022 as per the 130th SEAC meeting in detail and observed the following

1. Area experienced severe rainfall and repeated landslides during August 2022.
2. There were severe and repeated landslides occurred in the northeast, east and southern part of the proposed site. The hill surrounding the north-east, east and southern part of the proposed site is as high as 950m above MSL at an air distance of about 1km.
3. One major slide was in the micro watershed just adjacent to the proposed site on the northern side and the debris flow was seen on the main road adjacent to the proposed site.
4. The crusher, located adjacent to the proposed site and the abandoned quarry forming part of the proposed site are not found affected as they are located in the adjacent micro watershed.
5. There is a near-escarpment at the site connecting BP10, BP11 and BP1.
6. It is desirable to consider any development in the area only after obtaining clearance from the State Disaster Management Authority.
7. The Aralam Wildlife Sanctuary is located at a distance of about 8km. Therefore proof of application for clearance from NBWL is necessary, which is not found submitted.
8. The cost for the implementation of environmental management plan and monitoring

plan are inadequate and the plan is not detailed for 13 years, the life of mine.

9. The CER is suggested for only for 5 years though the life of mine is 13 years.

The Committee observed that there is a detailed Landslide Disaster Management study conducted by the State Disaster Management Authority. The Committee decided to seek the study report. Hence the proposal is deferred for verification of study report from KSDMA.

12. SIA/KL/MIN/214224/2021, 1900/EC4/2021/SEIAA

Environment Clearance for the Granite Building Stone Quarry of M/s. Irikkur Rocks Products Private Limited, for an area of 4.8404 Ha. (11.9606 Acres) for the granite building stone at Block No. 83, Re-Sy. No. 4, Eruvessy Village, Thaliparamba Taluk, Kannur, Kerala State. (Presentation).

Decision: As invited, the Proponent, Mr. Shamsudheen, and the Consultant Mr. P.Z. Thomas were present. The Consultant made the presentation. The committee heard the presentation and observed that there is a watershed in the southern part of the quarry and also a scar in the southern part. The CER needs to be modified as per the norms in the OM No F.No.22-65/2017-IA.III dated 30th September 2020. **In the above circumstances, the committee decided to entrust Dr. A N Manoharan & Sri. Gopinathan for field inspection and report.**

13. SIA/KL/MIN/239769/2021, 2062/EC3/2022/SEIAA

Environmental Clearance for the building stone quarry for an Area of 0.9883 Ha at Block no.14, Re-Survey No. 357/1,357/2,357/3 of Karimkunnam Village, Thodupuzha Taluk, Idukki, Kerala (FIR Received).

Decision: The committee discussed the field inspection report and observed that the quarry site is situated in the boundary of Idukki and Kottayam districts and the cluster certificate is only available from Idukki Geologist and it shows that no quarry is present within the 500 radius on the side of Idukki district. However, no cluster certificate is available from Kottayam district. The proponent has obtained one certificate from Village officer, Ramapuram, Kottayam district which shows that the one quarry within the 500m radius has been working

earlier in Kottayam side and is not operational now. The site falls in the medium hazard zone of the landslide hazard zonation map and high hazard zone is within 2.33KM from the proposed area. The proposed Life of mine is 5 years for extracting 275233 MT of granite building stone with an extraction rate of 55046.6 TPA. Depth of water table is 20m above MSL. The building shown in the survey map as site office is now reported to have demolished. 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 Conditions:

1. Culvert should be constructed where the drainage water crosses the road to natural stream.
2. Development of green belt should be initiated prior to the commencement of mining operation.
3. 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.
4. Monitoring of drainage water should be carried out at different seasons by an NABL accredited lab and clear water should only be discharged into the natural stream. Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.
5. Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain should be provided prior to the commencement of mining. Additional two settling tanks should be constructed.
6. Garland drain, silt-traps, siltation ponds and outflow channel should be desilted periodically and geo-tagged photographs of the process should be included in the HYCR.
7. A temporary wall of 8m height should be provided as barrier to the residential zones adjacent to the proposed site.
8. 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
9. 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).

10. The haulage road should be developed prior to the commencement of mining and it should be maintained well and dust-free with sprinkling arrangement.
11. Adequate sanitation, waste management and rest room facilities should be provided to the workers.
12. Adequate energy conservation measures proposed should be implemented including solar power installations for street light and office
13. The Environment Management Cell (EMC) should include an Environment expert and the proceedings of the monthly meeting of the Environment Management Cell (EMC) should be submitted along with the HYCR
14. As per the Kerala State Disaster Management Plan 2016, quarrying in moderate hazard zone 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.

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

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

Decision: The committee discussed the field inspection report in detail and decided to direct the proponent to submit the following additional documents:

1. Detailed drainage plan consisting of garland drain, silt traps, siltation pond, outflow channel and connectivity to natural drain.
2. Map showing OB dumping site at lower elevation region and protection plan.
3. Compensatory afforestation plan along with geotagged photographs of the proposed site, its area and proposed species
4. Road leading to the site is narrow and is not feasible for transportation of material from the mine. Submit feasibility plan and proof for the feasibility to widen the road with 7m width.
5. Soil thickness of the site is high and therefore, the soil protection measures proposed for the buffer zone and other vulnerable sites.
6. Revised EMP by avoiding expenditure for the items such as construction of road,

baseline studies, etc.

7. Revised EMP and CER considering the life of mine proposed
8. Revised project cost.
9. Measures proposed for energy conservation along with specifications
10. Measures proposed for sanitation and waste management arrangements along with specifications

15. SIA/KL/MIN/266045/2022, 2047/EC1/2022/SEIAA

Environmental Clearance for Granite building stone quarry of C.H Sakkariya, Karinkal Quarry Operators Industrial Co Operative Society Ltd over an extent of 0.6347 Ha in Re-sy. No.241/1A1 in Pottassery i Village, Mannarkkad Taluk, Palakkad, Kerala (Presentation).

Decision: As invited, the Proponent, Sri. C H Sakkariya and RQP, Sri. V P Roy were present. The RQP made the presentation. The Committee heard the presentation and decided to entrust Dr. K. Vasudevan Pillai for an evaluation study and report.

16. SIA/KL/MIN/276170/2022, 2032/EC1/2022/SEIAA

Granite Building Stone Quarry of Nisamudheen P in Re-Survey Nos: 2/6, 51/1 of Nellaya Village, Ottappalam Taluk, Palakkad, Kerala (Field Inspection Report)

Decision: The Committee examined the proposal, verified the documents, and discussed the field inspection report conducted on 3.11.2022 as per the 132nd SEAC meeting. The proposed life of the mine is 5 years for extracting 1,40,000 MT of granite building stone with an extraction rate of 28,000 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. Preservation of natural habitats in the buffer zone.
2. Improve habitat conditions through afforestation with local fruit yielding species, which attract faunal diversity and soil conservation measures.
3. As the mining activity removes the native fauna and flora, a separate area should be earmarked for afforestation as in the Biodiversity Assessment Report.
2. Development of green belt should be initiated prior to the commencement of mining operation.
3. 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.

4. Monitoring of drainage water should be carried out at different seasons by an NABL accredited lab and clear water should only be discharged into the natural stream. Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.
5. Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain should be provided prior to the commencement of mining. Additional two settling tanks should be constructed.
6. Garland drain, silt-traps, siltation ponds and outflow channel should be desilted periodically and geo-tagged photographs of the process should be included in the HYCR.
7. 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
8. 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).
9. The haulage road should be developed prior to the commencement of mining and it should be maintained well and dust-free with sprinkling arrangement.
10. Adequate sanitation, waste management and rest room facilities should be provided to the workers.
11. Adequate energy conservation measures proposed should be implemented including solar power installations for street lights and office
12. 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

17. SIA/KL/MIN/280117/2022, 2098/EC6/2022/SEIAA

Environmental Clearance for the Laterite Building Stone Quarry Project of Sri. Mohammed Faisal Kannadan for an area of 0.1943 Ha in Sy. No. 82/1-23, Kurumbathur Village, Tirur Taluk, Malappuram (Presentation)

Decision: As invited, the Proponent, Sri. Muhammed Faisal and RQP, Muhammed Kunhi were present. The RQP made the presentation. The Committee heard the presentation and decided that there is no field inspection required and decided to direct the proponent to submit

the following additional documents:

1. EMP with mine closure plans along with budgetary provision.
2. Detailed Drainage plan to ensure uninterrupted drainage of overland flows and to avoid stagnation of water in the mine site.

**18. SIA/KL/MIN/284456/2022 , 2108/EC4/2022/SEIAA
Environmental Clearance for Laterite building stone quarry of Mr. Cherunni. K,
over an extent of 0.5827 Ha, Re. SyNo-32/2D, in Kakkad Village, Kozhikode
Taluk, Kozhikode, Kerala.(Presentation)**

Decision: As invited, the Proponent, Sri. Cherunni and RQP, Sri. Muhammed Kunhi were present. The RQP made the presentation. The Committee heard the presentation and observed the following shortcoming:

1. EMP with closure plan along with the budgetary provision
2. Revised CER based on need study.

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

**19. SIA/KL/MIN/285616/2022 , 2107/EC4/2022/SEIAA
Environmental Clearance for Laterite building stone quarry of Mr. Ashraf. K, over
an extent of 0.8094 Ha, Re Survey No.64/75, in Ulliyeri village, Koyilandy Taluk,
Kozhikode, Kerala.(Presentation)**

Decision: As invited, the Proponent, Sri. Ashraf K and RQP, Sri. Muhammed Kunhi were present. The RQP made the presentation. The Committee heard the presentation and observed that;

1. The EMP need to be submitted with closure plan along with budgetary provision.

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

20. SIA/KL/MIN/36040/2019 , 1374/EC2/2019/SEIAA

Granite Building Stone Quarry of M/s. Pala Metals and Sands Pvt Ltd, over an extent of 9.6560 Ha. (23.8599 Acres) in Re -Sy.Nos. 126/1, 128/1, 128/1-1, 128/2, 128/3,128/3-1, 128/3-2, 128/4, 129/4, 126/2, 126/5, 127/2, 132/8,129/1, 129/1-1, 129/2, & 129/3 in Bharanganam Village, Meenachil Taluk, Kottayam District, Kerala (Presentation)

Decision: As invited, the Proponent, Sri. Sajimon Abraham and RQP, Sri. Cyriac Joseph was present. The RQP made the presentation. The Committee heard the presentation and observed that PP did not comply with certain ToR conditions and had not adequately addressed the environmental issues in the EIA report. The Committee decided to direct the proponent to submit the following additional documents:

1. Revised CER with more focus on socially, economically backward areas & communities.
2. Revised EMP.
3. Revised traffic management plan based on existing norms.
4. Revised EIA addressing all the studies stipulated in the standard ToR.

21. SIA/KL/MIN/40283/2019, 1457/EC3/2019/SEIAA

Environment Clearance for the Granite Building Stone Quarry Project of Sri. T.C. Johnson, Managing Partner, M/s Star Rock Products Pvt Ltd for an Area of 0.9995 Ha in Re-Sy Nos. 50/4, 52/2/2, at Ayyampuzha Village, Aluva Taluk, Ernakulam, Kerala (Refer back from 119th SEIAA)

Decision: The 119th Authority noted that the 132nd SEAC recommended issuance of EC for a period of 3 years subject to certain Specific Conditions in addition to the General Conditions. On deliberation, the Authority noticed that the Project Proponent had seriously violated the EC conditions in his nearby quarry. Hence Authority decided to refer the case back to SEAC to study the gravity of the violation and punitive measures taken if any by the Department of Mining and Geology and forward specific recommendations.

The committee noted that it recommended EC for the project by considering it as a separate project depending on the detailed appraisal carried out on the ground. During the appraisal process the committee observed an adjacent quarry owned by the proponent which

has violated EC condition. **The committee felt that it is desirable to initiate violation proceedings separately against the project and in this situation the committee recommended the project. Hence it is decided to seek the advice from SEIAA regarding the further course of action to be taken. .**

22. SIA/KL/MIN/50013/2019, 1318/EC2/2019/SEIAA

Environmental Clearance for the Granite Building Stone Quarry Project of Sri.Haridasan for an area of 7.7085 Ha in Sy.No. 488, Vettathur Village, Perinthalmanna Taluk, Malappuram (Refer back from 119th SEIAA)

Decision: The Committee observed that the Authority in its 119th meeting noted that, the rejection recommendation of the proposal of 132nd SEAC meeting due to certain reasons. The proponent vide email dated 30.09.2022 submitted a request letter for re-consideration of application for EC. The proponent also filed WP(C) No.32498 of 2022 before the Ho'ble High Court with a prayer to give an opportunity for hearing and also to stay the Exbt P7 i.e., the Minutes of 132nd SEAC meeting. So, Authority decided to refer the case back to SEAC to give an opportunity to the Project Proponent for presenting his case before SEAC with all the supporting documents. In this circumstance, the committee decided to hear the proponent in the next meeting.

23. SIA/KL/MIS/273775/2022, 2109/EC3/2022/SEIAA

Environmental Clearance for the proposed expansion of our project 'Adlux Medicity & Convention Centre P\4. Ltd.' in Block-3, Re-Survey No. 35/2 at Karukutty Village, Aluva Taluk, Ernakulam, Kerala State.(Presentation)

Decision: As invited, the authorized person of the Proponent, Sri. Shanu K C, Project Manager with authorization letter and EIA Consultant, Smt. Ananthitha on behalf of Ultra Tech, Environmental Consultancy & Laboratory was present. The Consultant made the presentation. The Committee heard the presentation and found the following shortcomings:

1. Revised CER as per the norms in the OM No F.No.22-65/2017-IA.III dated 30th September 2020.
2. Detailed afforestation plan along with the number and species of plants/trees proposed
3. Details of the pre-treatment proposed for ultra filtration unit & reuse propositions.

4. Details of onsite organic waste treatment facility.

The Committee also noted that the proponent is yet to implement the remediation and natural and community resource augmentation plan.

Based on discussions, the Committee decided to entrust Dr. N. Ajithkumar and Dr. R. Ajayakumar for field inspection and report.

24. SIA/KL/MIS/284787/2022, 2099/EC6/2022/SEIAA

Environmental Clearance for the Proposed Expansion of Commercial Complex Project (Ozone Mall) to be developed by M/s INOA Properties & Developers LLP in Pathaikkara Village, Perinthalmanna Taluk, Malappuram (Presentation) - (Received CCR from MoEF&CC).

Decision: : As invited, an authorized person of the Proponent Mr. Rameees Raja, Project Coordinator and Prajesh Prabhakaran, Project Coordinator with authorization letter, and the Consultant, Mr. P Z Thomas were present. The Committee heard the presentation and observed that the CER need to be revised as per the norms in the OM No F.No.22-65/2017-IA.III dated 30th September 2020. The Committee found that PP has obtained CCR from IRO, MoEFCC, Bangalore. **The Committee decided to entrust Dr. R. Ajayakumar Varma & Sri. Sheik Hyder Hussain for field inspection and report.**

CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE

(Extension/Amendment/Corrigendum)

1. SIA/KL/MIN/259995/2022, DIA/KL/MIN/7053/2017

Environmental Clearance for the Ordinary Earth Removal at ReSurvey: 431/6-2,431/7 of Arakkappady Village, Kunnathunad Taluk, Ernakulam District, and Kerala for an Area of 36.74 Ares.

Decision: As invited, the Proponent, Sri. Abbas P S and RQP, Sri. Balraman was present. The RQP made the presentation. The Committee heard the presentation and observed that there is a house within 42.7m & 47m from the proposed site. The work order submitted by the proponent is very old. **In these circumstances Committee decided to direct the proponent to submit the following additional documents:**

1. Revised CER as per the norms in the OM No F.No.22-65/2017-IA.III dated 30th September 2020
2. Revised EMP
3. Recent work order
4. Recently certified legible survey map indicating the distance to all nearest build structures within 100m.

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

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

Decision: As invited, the authorized person of the Proponent, Sri. Rajesh B, Managing Director with authorization letter and RQP, Sri. Mahesh was present. The RQP made the presentation. The Committee heard the presentation and observed that the EC No. A/11133/17/DEIAA was issued by DEIAA on 26.04.2017 to Mr. Antony Raphel, Managing Director, M/s Kayyar Aggregates Pvt. Ltd. . **The Committee observed that there seems to be a crusher unit located within the proposed site which is not feasible from the environmental point of view.** On detailed verification Committee decided to direct the proponent to submit the following documents:

1. Clarification of the ownership issue, if any, on the project
2. Revised CER as per the norms in the OM No F.No.22-65/2017-IA.III dated 30th September 2020
3. Revised EMP
4. Recently certified Survey Map from the Village Officer indicating the distance to the built structures within 200 m radius of the Project site

3. SIA/KL/MIN/276929/2022 , 540/A1/2019/SEIAA

Laterite Building Stone Quarry of Muraleedharan L at survey No. 467/8-2, Naduvathoorr Village, Kottarakara Taluk, Kollam (Presentation)

Decision: As invited, the Proponent, Sri. Muraleedharan L and RQP, Sri. V K Roy were

present. The RQP made the presentation. The Committee heard the presentation and observed that as per OM dated 24.6.2013, pertaining to brick earth or ordinary earth up to an area less than 5 Ha and decided to recommend EC for a period of One year with the following specific conditions in addition to general conditions:

1. The excavation activity associated should not involve blasting.
2. The excavation activity should be restricted to a maximum depth of 2m below general ground level at the site
3. The excavation activity should be restricted to 2m above the ground water table at the site.
4. The excavation activity should not alter the natural drainage pattern of the area
5. The excavated pit should be restored by the project proponent for useful purpose
6. Appropriate fencing all around the excavated pit should be made to prevent any mishap
7. Measures should be taken to prevent dust emission by covering of excavated earth during transportation
8. Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to excavation of earth
9. Workers/labourers should be provided with facilities for drinking water and sanitation
10. A berm should be left from the boundary of adjoining field having a width equal to at least half the depth of proposed excavation
11. A minimum distance of 15m from any civil structure should be kept from the periphery of the project area
12. No water logging should be allowed in the mine pit. Appropriate drainage should be ensured from the project area prior to the commencement of mining.
13. The drain should be provided with silt traps and siltation pond and the overflow water should be clarified and drained to the nearest natural drain without any hindrance.
14. The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.
15. Measures incorporated in the CER should be implemented as per norms
16. Transportation of mined material should not be done during the peak hours in the forenoon (8.30am to 10.00am) and afternoon (3.30pm to 5 pm).

CONSIDERATION OF TOR PROPOSALS

1. SIA/KL/NCP/71550/2022 , 1942/EC4/SEIAA/2022

EIA study for obtaining CRZ and EIA clearance for the proposed development of Inland Waterways from Mahe to Valapattanam River. (Presentation)

Decision: The intimation regarding the presentation was given to the proponent vide e-mail dated 23.4.2021. The proponent vide e-mail dated 25.4. 2022, intimated that they have decided to change the alignment and the matter is under consideration of Govt. so it is intimated that they cannot present before the Committee for the presentation of the project. Hence, the 127th Committee decided to postpone the presentation to another meeting. Now for the same reason, proponent vide letter dated 02.12.22, intimated to defer the proposal for next SEAC meeting. **In the above circumstances, the committee decided to refer the proposal to SEIAA for appropriate direction for proceeding further on this proposal.**

PART 2

CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE

1. SIA/KL/MIN/132702/2019 , 1726/EC2/2020/SEIAA

Granite Building Stone Quarry of Shri. Byju T.V over an extent of 1.5913 Ha. (3.9321 Acres) at Sy No. 506/2 Pt, Kanjirangad Village, Mananthavady Taluk, Wayanad District, Kerala (ADS Received)

Decision: The committee discussed the documents submitted by the proponent and found that instead of a recent Cluster Certificate, the proponent submitted the same old cluster certificate dated 05.12.19. But as per google imagery, there is no quarries within in 500m radius. The total mineable reserve is 3,46,320 MT, life of mine proposed is 10 years, and distance to nearest house is 105 m. Based on discussions, the Committee decided to recommend the issuance of EC for a period of 10 years subject to the following specific conditions in addition to the general conditions:

1. Development of green belt should be initiated prior to the commencement of mining operation.
2. 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.
3. Monitoring of drainage water should be carried out at different seasons by an NABL accredited lab and clear water should only be discharged into the natural stream. Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.
4. Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain should be provided prior to the commencement of mining. Additional two settling tanks should be constructed.
5. Garland drain, silt-traps, siltation ponds and outflow channel should be desilted periodically and geo-tagged photographs of the process should be included in the HYCR.
6. 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
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 and dust-free with sprinkling arrangement.
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 and the proceedings of the monthly meeting of the Environment Management Cell (EMC) should be submitted along with the HYCR
12. Geotagged photographs of stream showing water turbidity during various season has to be submitted along with HYCR.
13. Buffer zones should be demarcated and planted with local plants as mentioned in the

biodiversity assessment report. Also climbers and herbs to be planted.

14. Boundary Pillars should be properly marked and fencing should be done properly.
15. Gabion wall should be built for OB dumping site
16. Rainwater harvesting should be done (a minimum of 0.5Lakh litter capacity tank) from the roof top of office
17. Impact of vibration due to blasting should be monitored in terms of peak particile velocity and amplitude for maximum charge per delay at the nearest built structres

2. SIA/KL/MIN/133062/2019, 1576/EC2/2019/SEIAA

Granite Building Stone Quarry of M/s Valad Granites for an area of 2.9249 Ha in Survey Nos. 253/62, 253/356, 253/349 of Valad Village, Manathavadi Taluk, Wayanad District, and Kerala (ADS Received)

Decision: The Committee verified the documents submitted by the proponent and observed that there are some discrepancies in some of the documents. So the Committee decided to direct the proponent to submit the following additional documents for further clarification/ appraisal:

1. Recently Certified legible survey map from the Village Office showing all structures within 200 m radius of the project site.
2. Proof of application for Wildlife Clearance as the one submitted earlier is not acceptable.
3. KML file uploaded seems to be wrong. It should be corrected.

3. SIA/KL/MIN/136899/2020 , 1830/EC4/2020/SEIAA

Environmental Clearance for the proposed Granite Building Stone Quarry of M/s Surya Crusher & Hollow at Resurvey No.9/1A,335 in Kolavallur Village, Thalassery Taluk, Kannur District, Kerala for an extent of 2.0233 Ha. (ADS received)

Decision: The Committee verified the documents submitted by the proponent and observed that there are some discrepancies in some of the documents. So the Committee decided to direct the proponent to submit the following additional documents for further appraisal:

1. Recent Cluster certificate

2. Biodiversity Assessment Report
3. Biodiversity summary in tabular form.
4. Protection & closure plan for the adjacent quarry which is not working.
5. Recently Certified legible survey map from the Village Office showing all structures within 200 m radius of the project site.
6. Compensatory Afforestation Plan.

4. SIA/KL/MIN/142845/2020 , 1409/EC2/2019/SEIAA

Environmental Clearance for Granite Building Stone over an extent of 1.3990 Ha at Re Survey Nos. 355/2, 355/5 (Block No. 26) of Muthuthala Village, Pattambi Taluk, Palakkad District, Kerala (ADS Received)

Decision: The Committee verified the documents submitted by the proponent and decided to invite the PP for presentation.

5. SIA/KL/MIN/143579/2020 , 1831/EC1/2020/SEIAA

Granite (Building Stone) Quarry of Shri.Muhammed Abdul Basheer in Sy. No. 5/7, 6/1B1 of Pattithara Village, Pattambi Taluk of Palakkad District., Kerala (ADS Received)

Decision: The Committee verified the documents submitted by the proponent and decided to entrust Dr. A V Reghu & Dr. K Vasudevan Pillai for field inspection and report.

6. SIA/KL/MIN/152389/2020 , 1738/EC4/2020/SEIAA

Environment Clearance for the Granite Building Stone Quarry of M/s. Kottiyoor Metals Private Limited' over an extent of 4.8171 Ha.in Re-Sy. Nos. KPD 833, KPD 836, KPD 1148, KPD 838 of Kelakam Village, Iritty Taluk, Kannur District, Kerala State, India. (Fresh Application)

Decision: The Committee verified the documents submitted by the proponent and found that all the details required in Form 2 are not provided. Hence the committee couldn't consider the

application due to inadequate information provided by the proponent in Form 2. The Committee decided to direct the proponent to provide all the required details/information for appraisal.

7. SIA/KL/MIN/163826/2020 , 1837/EC6/2020/SEIAA

Granite Building stone over an extent of 1.3230Ha in Survey Nos. 51,52-1in Pullippadam Village, Nilambur Taluk, Malappuram District, Kerala. (ADS Received)

Decision: The Committee verified the documents submitted by the proponent and found that the EMP cost including CER cost shown is only for 5 years whereas the project period is 10 years. So, the Committee decided to direct the PP to revise the EMP and CER cost for the entire project period.

8. SIA/KL/MIN/171945/2020 , 1844/EC1/2020/SEIAA

Environmental Clearance for the proposed Granite Building Stone Quarry (0.9905 Ha), O S Granites in resurvey numbers Re - Survey Nos. 244, Puthucode Village, Alathur Taluk, Palakkad District, Kerala (ADS Received)

Decision: The Committee verified the documents submitted by the proponent and observed that the field verification was done for the project and hence decided to invite the proponent for a presentation.

9. SIA/KL/MIN/204626/2021 , 1351/EC2/2019/SEIAA

Building Stone Quarry project of Smt.Malathy.K, at Re-Survey. Nos. 253/14, 266/1 & 2 in Cherukavu village, Kondotty Taluk, Malappuram District, Kerala (ADS Received)

Decision: The Committee verified the documents submitted by the proponent and found that the compensatory afforestation plan is not submitted. Instead a sketch without adequate details is submitted. The budget for implementation of the afforestation plan and the species proposed to be planted is also not provided. The OB dump site is to be shifted to a more appropriate location. The Committee decided to direct the proponent to submit detailed compensatory afforestation plan including the geo-coordinates and geo-tagged photographs of the proposed site along with budgetary details and also map and protection details of OB dumping site

10. SIA/KL/MIN/204850/2021 , 1352/EC2/2019/SEIAA

Building Stone quarry project of Sri.Jayaprakash.K situated at Situated at Sy. No. 253/14 & 266/2 of Cherukavu village Kondotty Taluk, Malappuram district of Kerala (ADS Received)

Decision: The committee discussed the field inspection report conducted on 3.9.2022 as per the 130th SEAC meeting The Committee discussed the field inspection report and observed the following in the field;

- a. 60% area of the proposed project site is an abandoned quarry. There are four active quarries surrounding the proposed site, namely Calicut granite, Malabar granite, Soorya Shoba Engineering and Beta granites.
- b. Proposed project site of Smt. Malathy is located in the south of the area.
- c. Many abandoned quarry pits are present in the nearby area. An abandoned waterlogged pit is present within the proposed project area.
- d. A crusher namely Three-star crushers is located 200m west of the proposed project area.
- e. A seasonal drain flows from the eastern elevated unmined area and falls as a waterfall along the old quarry face and flows through the area down to an old abandoned quarry pit located 100m south west of the proposed project area boundary
- f. Soil thickness is nil in major parts of the area. 0.5 to 1m at eastern margin.

The Committee decided to direct the proponent to submit detailed compensatory afforestation plan including the geo-coordinates and geo-tagged photographs of the proposed site along with budgetary details and also map and protection details of OB dumping site. The Proponent is also directed to submit a map showing detailed drainage plan incorporating garland drain, silt traps, siltation ponds and connectivity to natural drain.

11. SIA/KL/MIN/211090/2021 , 1949/EC1/2022/SEIAA

Granite (Building Stone) Quarry in Re. Survey No:347/3 of Thachanattukara -I Village, Mannarkkad Taluk, Palakkad District, Kerala by Mannarkkad Taluk Karinkal Quarry Operators (Clarification from proponent regarding complaint received)

Decision: The Committee examined the proposal, verified the documents and discussed the field inspection report. The total mineable reserve is 190694MT, life of mine proposed is 8 years, and distance to nearest house is 110.7m. Based on discussions, the Committee decided to recommend issuance of EC for a period of 8 years subject to the following specific conditions in addition to the general conditions:

1. Monitoring of drainage water should be carried out at different seasons by an NABL accredited lab and clear water should only be discharged into the natural stream. Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.
2. Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain should be provided prior to the commencement of mining. Additional two settling tanks should be constructed.
3. 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.
4. 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
5. 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).
6. The haulage road should be developed prior to the commencement of mining and it should be maintained well and dust-free with sprinkling arrangement.
7. Adequate sanitation, waste management and rest room facilities should be provided to the workers.
8. Adequate energy conservation measures proposed should be implemented including solar power installations for street light and office
9. 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
10. Buffer zones should be demarcated and planted with local plants as mentioned in the biodiversity assessment report. Also climbers and herbs to be planted
11. Boundary Pillars should be properly marked and fencing should be done properly.OB

dumping site should be demarcated and gabion wall should be constructed for it.

12. Haulage Road should be developed and maintained dust free and with avenue trees
13. Compensatory afforestation plan along with geocoordinates and geo-tagged photographs of the proposed site and proposed number of trees, and proposed type of trees. Shrubs, herbs and climbers.
14. Boundary fencing should be done prior to mining.

12. SIA/KL/MIN/221257/2021 , 1945/EC1/SEIAA/2022

Environmental Clearance for the Proposed Laterite (Building Stone) Quarry of Sri. Ramis Abdul Hakeem for an extent of 0.7405 Ha in Survey No: 307/1A in Anakkara Village, Pattambi Taluk, Palakkad District, Kerala (Field Inspection Report Received)

Decision: The committee discussed the field inspection report conducted on 21.11.2022 as per the 129th SEAC meeting in detail and found that the proponent stated that the tiled building, existing within 50 meters of the project area is owned by him and is used as their equipment store. But no evidence has been brought to the notice of the field verification team. Also the proponent informed the team that he is ready to submit relevant documents if he is given a chance. The investigation team recommends allowing a chance to hear the proponent and submit related documents. The nearest house is at 21m and the PP agreed to submit the ownership details. The Committee decided to call for the PP for a presentation. The presentation should contain all the details of ADS/ clarification sought during field verification.

13. SIA/KL/MIN/222222/2021 , 1920/EC4/SEIAA/2021

Environmental Clearance for the Proposed Granite Building Stone Quarry of Mr. Haridasan at Re Survey No. 3/1237, 3/744 of Engapuzha Village, Thamarassery Taluk, Kozhikode District, and Kerala for an area of 1.3050 hectares under B2 category (ADS Received)

Decision: The committee discussed the documents submitted by the proponent and directed the proponent to submit the following additional documents:

1. Detailed plan for boulder management to avoid any accidents

2. Revised EMP with spot specific management plans and appropriate fund earmarked for the same.
3. Revised CER as per the norms in the OM No F.No.22-65/2017-IA.III dated 30th September 2020 with proof for stakeholder consultation and consent from stakeholder

The Committee decided to invite the proponent for the presentation.

14. SIA/KL/MIN/222256/2021 , 1919/EC4/SEIAA/2021

Environmental Clearance for the Proposed Granite Building Stone Quarry of Mr. Haridasan at Re Survey No. 3/1047, 3/1419, 3/1416, 3/1418 of Engapuzha Village, Thamarassery Taluk, Kozhikode District, and Kerala for an area of 3.5823 hectares (ADS Received)

Decision: The committee discussed the documents submitted by the proponent and directed the proponent to submit the following additional documents:

1. Detailed plan for boulder management to avoid accidents
2. Plan to connect the drainage to the natural stream.
3. Revised CER as per the norms in the OM No F.No.22-65/2017-IA.III dated 30th September 2020 with proof for stakeholder consultation and consent from stakeholder.
4. Revised EMP with spot specific management plans and appropriate fund earmarked for the same.

15. SIA/KL/MIN/232409/2021 , 1961/EC4/2022/SEIAA

Environmental Clearance for Laterite building stone quarry project of Mr. Shaji, at Re-survey.No: 67/636, 67/639, 67/637, 67/649, 67/748 of Kakkad -Village, Kozhikode -Taluk, Kozhikode- District, Kerala over an area of 0.9902 Ha. (ADS Received)

Decision: The Committee examined the proposal, verified the field inspection report conducted on 03.09.2022, and the ADS received, and decided to recommend EC for a period of 3 years with the following specific conditions in addition to general conditions:

1. The activity associated with borrowing/excavation should not involve blasting.
2. The borrowing/excavation activity should be restricted to a maximum depth of 10m below general ground level at the site.

3. The borrowing/excavation activity should not alter the natural drainage pattern of the area.
4. The borrowed/excavated pit should be restored by the project proponent for useful purposes.
5. Appropriate fencing all around the borrowed/excavated pit should be made to prevent any mishap.
6. Measures should be taken to prevent dust emission by covering borrowed/excavated earth during transportation.
7. Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to borrowing/excavation of earth.
8. Workers/labourers should be provided with facilities for drinking water and sanitation.
9. A berm should be left from the boundary of adjoining field having a width equal to at least half the depth of proposed excavation.
10. Numbered Boundary Pillars marked with geo-coordinates should be fixed to define the exact boundary and geotagged photographs of all the boundary pillars should be submitted prior to commencement of mining.
11. No water logging should be allowed in the mine pit. Appropriate drainage should be ensured from the project area prior to the commencement of mining.
12. The drain should be provided with silt traps and siltation pond and the overflow water should be clarified and drained to the nearest natural drain without any hindrance.
13. The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.
14. Measures incorporated in the CER should be implemented as per norms
15. Transportation of mined material should not be done during the peak hours in the forenoon (8.30am to 10.00am) and afternoon (3.30pm to 5 pm).

16. SIA/KL/MIN/255487/2022 , 2010/EC1/2022/SEIAA

Granite Building Stone Quarry of Sri.K.Udayan over an extent of 0.99.17 Hectares in Sy.No. 163, 163/1 at Enadimangalam Village, Adoor Taluk, Pathanamthitta District, Kerala (ADS Received)

Decision: The committee verified the documents submitted by the proponent and found them satisfactory except the EMP. The cost for EMP is to be revised. The committee decided to invite proponent for the presentation.

17. SIA/KL/MIN/269882/2022 , 1292/EC2/2019/SEIAA

Environmental Clearance for the proposed Building Stone Quarry Project in Re.Survey No. 236/3,237/1&238/2 in Thirumeni Village, Payyannur Taluk, Kannur District, Kerala State .by Mr. NarikkadanDasan.(Physical to Online Converted file) (Document Received in Physical)

Decision: The Committee decide tod adhere to its earlier decision held in the physical file pertaining to the proposal, which was considered as item no. 135.08 in this meeting.

18. SIA/KL/MIN/44927/2019 , 1210(A)/EC2/2019/SEIAA

Environmental Clearance for Expansion of Existing Masonry Stone Mine (Quarry) project of M/s H & P Granites for an area of 9.0681 ha. atKummil Village, Kottarakkara Taluk, Kollam District, Kerala (ADS Received)

Decision: The Committee examined and discussed the proposal, documents submitted and field inspection report in detail and decided to recommend EC for 10 years by limiting the depth of mining to 135m AMSL subject the following specific conditions in addition to the general conditions:

1. Monitoring of drainage water should be carried out at different seasons by an NABL-accredited lab and clear water should only be discharged into the natural stream. Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.
2. Adequate sanitation, waste management and rest room facilities should be provided to the workers.
3. Adequate energy conservation measures proposed should be implemented including solar power installations for street light and office
4. Depth of mining should be limited within 135m above MSL.

5. Operation of the H&P Granites and Vismaya Rocks may be monitored regularly by a committee headed by an Official of the State Pollution Control Board with project proponents of H&P Granites and Vismaya Rocks and a representative of Kummil Grama Panchayat.
6. The height and width of the benches are not maintained uniformly as per the stipulations in the approved mine plan and it should be corrected immediately wherever there is inadequacy
7. The overburden dumping site should be protected with gabion walls to prevent erosion.
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. Impact of vibration due to blasting should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.
10. Compensatory afforestation should be done from the 1st year itself and the coordinates of the area with geo-tagged photos should be submitted in HYCR.
11. Garland drains along with silt traps should be provided considering the entire project area and it should be drained to the existing siltation ponds or additional ones. If necessary, the carrying capacity of the siltation ponds and outflow channel should be enhanced
12. The garland drain, silt traps, siltation ponds and outflow channel should be cleaned and desilted periodically and geo-tagged photographs of the process should be uploaded in the HYCR
13. The minutes of the meeting of the EMC along with the action taken report of the decisions of the EMC, authenticated by the Chairman and Environmental Officer of the EMC should be uploaded in the HYCR
14. The transportation of the mined material should be regulated as per the traffic management plan and no movement of trucks should be allowed during the peak hours in the forenoon and afternoon.

19. SIA/KL/MIN/62708/2019 , 1901/EC4/2021/SEIAA

Environmental Clearance for the Proposed Granite Building Stone Quarry of Mr. Abdul Rahim at Re Survey No. 147/46, 147/2A1, 147/2A2, 147/42, 147/43, 147/44, 147/41 at Thazhakkode Village, Kozhikode Taluk, Kozhikode District, Kerala for an extent of 3.8830 Ha (ADS Received)

Decision: The committee verified the documents submitted by the proponent and found that the clarification regarding the overlap of the quarry adjacent to the proposal owned by the proponent is not satisfactory. The CER need revision.

The proponent has not rectified the non-compliance of the project adjacent to the present one. **Therefore the proponent may be asked about the status of rectification of the non-compliance of the adjacent quarry owned by him.**

20. SIA/KL/MIN/66304/2019 , 1514/EC3/2019/SEIAA

Environmental Clearance for the quarry project for an area of 3.3624 Ha in Sy.No.247/1,247/2-1, 274/3, 275/2 in Anakkayam Village, Ernad Taluk, Malappuram District by Sri.Muhammed, Managing Director, M/s Vettakode Granite Pvt. Ltd (ADS Received)

Decision: The Committee verified and discussed the documents submitted by the proponent and found that EMP with adequate budget provision needs to be submitted. In this circumstances committee decided to entrust Dr. R. Ajayakumar Varma & Sri. Sheikh Hyder Hussain for field inspection and report.

21. SIA/KL/MIN/74360/2019 , 1446/EC3/2019/SEIAA

Environmental Clearance for proposed Building Stone Mine quarry project of Sri Eldho Kuruvilla (ML area = 2.3337 ha) at Mazhuvannoor Village, Kunnathunadu Taluk, Ernakulam District, Kerala (ADS Received)

Decision: The Committee verified and discussed the documents submitted by the proponent and decided to entrust Dr.Mahesh Mohan & Dr. K N Krishnakumar for field inspection and report.

22. SIA/KL/MIN/74384/2020 , 1667/EC3/2020/SEIAA

Environmental Clearance for the proposed Building Stone Mine quarry project of Sri. P.K. Prasad (ML area = 2.1235 ha), Mazhuvannoor Village, Kunnathunadu Taluk, Ernakulam District, Kerala (ADS Received)

Decision: The Committee verified and discussed the documents submitted by the proponent and decided to entrust Dr.Mahesh Mohan & Dr. K N Krishnakumar for field inspection and report.

23. SIA/KL/MIS/194843/2021 , 1904/EC3/2021/SEIAA

Environmental Clearance for the proposed Expansion of Residential project (“Federal Greens”) developed by M/s The Federal House Construction Cooperative Society Ltd. (ADS Received)

Decision: The Committee verified and discussed the documents submitted by the proponent and found that the proponent has got Environmental Clearance vide E.C. Order No. 148/SEIAA/KL/2938/2013 dt. 02-01-2014 for a built-up area of 23,471.89 sq.m. and plot area of 0.6652 ha. The apartment block with built-up area of 22,016.20 sqm. was constructed and occupied and Satisfactory CCR from MoEF&CC has been obtained. The present proposal is to construct in an area of 0.0483 ha. **The Committee decided to entrust Er. M. Dileep Kumar for evaluation of the proposal and report.**

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

1. SIA/KL/MIN/252208/2022 , 857/SEIAA/EC1/2981/2015

Extension of EC for the Granite Building Stone Quarry of Mr.Sivasankaran.P for an area of 2.9103 Ha in Sy.No.318/1/1, 318/1/2, 318/3 pt, 318/4, 319 pt in Thiruvalli Village, Nilambur Taluk, Malappuram District (Study Report submitted)

Decision: The Committee discussed the study report and found that the applicant obtained EC on 17/08/2016 for 10 years. But CCR from MoEF&CC has not been received and the HYCR not been submitted yet. **Hence committee decided to direct the proponent to submit the following additional documents:**

1. Satisfactory CCR from the Integrated Regional Office, MoEF&CC, Bangalore.

2. Implementation of CSR activities based on specific conditions as per EC
3. Revised scheme of mining.
4. Recently certified survey map from the Village Office indicating distance to all built structures within 200m.
5. Recent cluster certificate
6. Depth to water table along with coordinates of the nearest dug wells

2. SIA/KL/MIN/162964/2020 , 125/SEIAA/KL/2335/2013

Renewal of Environment Clearance for the Building Stone Mine (Minor Mineral Mining) project of M/s Valluvanad Granites is situated at Survey Nos. 2/2 & 5/2 in Village - Lakkidi-Perrur 1st, Panchayat – Lakkidi-Perrur, Taluk - Ottapalam, District - Palakad, Kerala (ADS Received)

Decision: The Committee verified and discussed the documents submitted by the proponent and **decided to entrust Dr. K N Krishnakumar & Dr. Vasudevan Pillai for field inspection and report.**

PART 3

CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE

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

Granite building stone quarry of M/s Crystal Granites in Re-Survey Nos. 178/12pt, 178/11pt, 178/13pt, 168/6pt, 168/9pt, 168/10, 168/11pt, 83pt,175/1pt, 177/1pt, 177/2pt & 178/1pt, at Pallickal Village, Block No.-26 of Varkala Taluk, Thiruvananthapuram, Kerala (ADS Received)

Decision: The Committee verified and discussed the documents submitted by the PP as per the 131st SEAC meeting and observed that the PP has not submitted the following documents:

1. Consent of landowner where OB is proposed to be dumped.
2. Revised EMP with site-specific management plan with budget and also excluding

inadmissible items.

Hence the Committee decided to direct the proponent to submit the above documents for appraisal. The Committee also observed that there is a necessity of providing temporary wall facing the locations where there are habitations closeby.

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 Ha in Re- Survey No. 276/1 in Oorakam Village, Thirurangadi Taluk, Malappuram, Kerala (Additional Documents Received)

Decision: The Committee examined the proposal, verified the documents, and discussed the field inspection report conducted on 19.05.2022. The mineable reserve is 1,65,630 MT and the life of mine as per the approved mine plan is 5 years. The depth of the water table is 6.9m from the surface. Considering this, the Committee decided to recommend EC for a mine life of 5 years with the following specific conditions, in addition to general conditions.

1. Compensatory afforestation should be done from the 1st year itself and the coordinates and geo-tagged photographs of the site shall be submitted in HYCR.
2. Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain should be provided prior to the commencement of mining.
3. Garland drain should be enlarged to contain the entire overland flow of the adjacent slopy region of the quarry.
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 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. Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.
6. The overburden dumping site should be protected with gabion walls to prevent erosion.
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 and dust-free with sprinkling arrangement.

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 lights and office.
11. 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.
12. Buffer zones should be demarcated and planted with local plants, climbers and herbs as mentioned in the biodiversity assessment report.
13. Boundary Pillars should be properly marked and fencing should be done properly.

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

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

Decision: The Committee verified and discussed the details of the additional documents submitted by the PP as per the 131st SEAC meeting and found that the proposed area for afforestation is vegetated. Therefore, an alternate site is to be proposed alongwith its coordinates and geo-tagged photographs. Details of sanitation and waste management measures provided are not adequate. The PP should provide clarification/ documents to address the above shortcomings.

4. SIA/KL/MIN/136819/2020 , 1728/EC3/2020/SEIAA

Granite Building stone quarry of Sri. Sibi P Alias in Survey No. 194/9, 194/9, 194/11, 194/11-1 in Varappetty Village, Kothamangalam Taluk, Ernakulam, Kerala State (Field Inspection Report Received)

Decision: The Committee verified the project details and discussed the Field inspection report conducted on 26.10.2022. The Committee found that a house is situated 7m from the site boundary. **In this circumstance, the Committee decided to reject the proposal based on the precautionary principle due to the reasons stated above.**

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

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

Decision: The Committee verified the proposal in detail and found that as per the Cluster Certificate dated 23.12.2019, there is another quarry having an area of 4.7975 ha within a distance of 500 m radius. Thus the total area in the cluster becomes 5.7282 Ha. **Therefore, the Committee decided to direct the proponent to submit a ToR application.**

6. SIA/KL/MIN/149209/2020 , 1700/EC4/2020/SEIAA

Environmental Clearance for the building stone quarry of Sri. M. P.Lalu for an Area of 1.4336 Ha at Block No. 37 Re-Survey No.74/1Dpt, 74/608pt, of Kuttur Village, Payyannur Taluk, Kannur, Kerala. (ADS Received).

Decision: The Committee examined the proposal, verified the documents submitted by the proponent and discussed the Field Inspection Report. The proposed Life of mine is 12 years for extracting 443685MT of granite building stone with an extraction rate of 33665 TPA. The nearest house is at 103m and a crusher is located at a distance of 59m. The depth to water table is 35.74m amsl and the maximum depth of mining proposed is 35m amsl.

During the appraisal, the Committee observed that an Application No. SIA/KL/MIN/45999/2019 submitted by M/s. RDS Projects Ltd. for mining building stone from area of 0.971 Ha also falls in Sy. No. 74/1D of Kuttoor Village, Kannur. On examining the KML files of both the proposals, it is found that the boundary pillars no. BP5, BP6, BP7 and BP10 of File No. SIA/KL/MIN/149209/2020 of Sri. M.P. Lalu falls in the area earmarked in the File No. SIA/KL/MIN/45999/2019 of M/s. RDS Projects. The Committee sought clarification from the Proponent and directed the proponent to revise the mining plan or submit a certificate from the authority who approved the both the Mining Plans stating that there are no cross over of project boundaries.

The Village Officer, Kuttoor Village, Kannur district issued an affidavit No. 145/2022 dated 2.11.2022 for submission to the Mining & Geology Department which stated that based on records and field inspection it is found that the boundary pillars numbering BP-5, BP-6, BP-7 and BP-10 are located in the lease area of Sri. M.P. Lalu. Based on the affidavit of the Village Officer, Kuttoor, the Geologist, Mining & Geology Department, Kannur District vide Letter No. DOKAN-DMG/2799/2022-M dated 3.11.2022 informed that the geocoordinates added to the KOMAPS portal by the District Office of M&G Department, Kannur show the same and that there is no irregularities found on the applied area and recommended consideration of the application of Sri. M.P. Lalu for environmental clearance.

The Committee also noted a complaint by one Mr. Anoop, Kozhikkode requesting for enforcing the judgment of the Hon'ble National Green Tribunal in original Application No.75 of 2021, against the violation of EC conditions by M/s. RDS Project Limited and intimating that during the appraisal of adjacent projects, the present circumstances and directions of Hon'ble Courts shall be taken into consideration before final recommendation. This proposal under appraisal is located adjacent to the proposed site implied in the Hon. NGT direction. It is also learnt that the Human Rights Commission also have issued directions regarding quarrying activity in & around the project site of RDS which is adjacent to the proposal under consideration.

The 119th meeting of the SEIAA, while considering the application for Environmental Clearance for the proposed Granite Building Stone Quarry Project of M/s Megha Engineering & Infrastructures Ltd. in Re-Sy Nos. 74/772, 74/151, 74/154, 74/152, 74/1D Kuttur Village, Payyannur Taluk, Kannur, Kerala (SIA/KL/MIN/269091/2022; 1975/EC4/2022/SEIAA), noted that as per the judgment of the Hon'ble National Green Tribunal in Original Application No. 75 of 2021, it is directed that the Director of Mining and Geology, State of Kerala to strictly adhere to the recommendations made by the Joint Committee regarding issuance of further license or lease for carrying out doing mining activity in that area, as it was observed by the Joint Committee that no further mining lease can be granted as the resources have been exhausted in that area. The Authority also opined that during the appraisal of adjacent projects, the present circumstances and directions of Hon'ble Courts shall be taken into consideration before final recommendation and sought clarification from Legal Officer, SEIAA.

The 135th meeting of the SEAC noted the direction to the Director of Mining and Geology, State of Kerala to strictly adhere to the recommendations made by the Joint Committee regarding issuance of further license or lease for doing mining activity in that area, as it was observed by the Joint Committee that no further mining lease can be granted as the resources have been exhausted in that area. This statement is found pertaining to the project area of M/s. RDS Projects where violations of EC was reported and actions ordered. Therefore, the Committee decided to appraise the project.

The Committee examined the proposal, evaluated the additional documents submitted by the Proponent, discussed the field inspection report and studied the affidavit submitted by the Village Officer, Kuttoor and letter from the District Geologist, Kannur regarding the clarification on boundary overlaps and decided to recommend environmental clearance to the project with life of mine of 12 years subject to the legal opinion sought from Legal Officer, SEIAA by the SEIAA. The Committee also decided to recommend the following specific conditions in addition to general conditions for issuance of EC.

1. 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.
2. Compensatory afforestation/green belt plan should be implemented from the 1st year itself and the coordinates and geo-tagged photographs of the proposed site shall be submitted along with the HYCR.
3. Garland drain should be enlarged to carry the entire overland flow of the adjacent slopy region of the quarry.
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 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. Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.
6. The overburden dumping site should be protected with gabion walls to prevent erosion.
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 and dust-free with sprinkling arrangement.
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 lights and office
11. 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
12. Buffer zones should be demarcated and green belt should be developed by planting trees, climbers and herbs of local species as mentioned in the biodiversity assessment report.
13. Boundary Pillars should be properly marked and fencing should be done properly.

7. SIA/KL/MIN/163973/2020, 2076/EC1/2022/SEIAA

Granite Building Stone quarry of Sri. T. Anilkumar over an Extent of 0.6018 Ha in Sy.Nos. 352/2-1, 352/2-2, 352/2(Pt), 352/1-2 at Nedumangad Village of Nedumangad Taluk, Thiruvananthapuram

Decision: The Committee verified the proposal in detail and found that the application submitted with inadequate details for appraisal such as Cluster Certificate, incorrect mine void, pre/post-mining use, and Afforestation plan. **Hence Committee decided to delist the application. The proponent has to submit a fresh application.**

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 Resurvey Block No: 1, Re Survey No: 84/1, 84/2B, Balussery Village, Koyilandy Taluk, Kozhikode, Kerala, (Fresh application)

Decision: The Committee examined the proposal in detail and **decided to direct the proponent to submit the following additional documents:**

1. Revised CER as per OM No.22- 65/2017-IA.III dated 30/09/2020 of MoEFCC, GoI
2. Drainage plan and map with garland canals, silt traps, siltation ponds and outflow channel connecting the nearest natural drain.
3. Map showing OB dump location and details of OB dump protection.
4. Information/Data that are not provided as stipulated in Form 2 of Parivesh including mine void, tree cutting details, pre and post mining land use Revised Project cost.
5. Revised EMP with site specific management plans and budget

9. 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 examined the proposal in detail and **decided to direct the proponent to submit the following additional documents:**

1. Revised cluster Certificate with area details of adjacent quarries (Both working & Non -working)
2. Drainage plan and plan with garland drains, silt traps, siltation ponds, outflow channel and connectivity to the natural drain.
3. Clarification regarding the depth to the water table in the neares dug well and its geo-coordinates.
4. Information/Data that are not provided as stipulated in Form 2 of Parivesh including tree cutting details, land useProof of application submitted for wildlife clearance to NBWL.
5. Revised EMP with site-specific management plans and budgetary provision and incorporating the CER as per OM No.22- 65/2017-IA.III dated 30/09/2020 of MoEF & CC, GOI

10. 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.in Sy Nos. 805/1A-40, 805/1A-40, 805/1A-40 of Kalloorkkad Village, Muvattupuzha Taluk, Ernakulam

District, Kerala (Additional Documents Received)

Decision: The Committee examined the proposal, verified the documents and discussed the Field Inspection Report. The proposed Life of mine is 3 years for extracting 137733.38 MT of granite building stone with an extraction rate of 54679.63 TPA. Depth to water table is 4m bgl and the nearest house is at a distance of 73.2m. The Committee discussed the proposal and decided to recommend EC for a period of 3 years subject to the following Specific Conditions in addition to the General Condition:

1. Buffer zones should be demarcated and green belt should be developed by planting trees, climbers and herbs as mentioned in the biodiversity assessment report.
2. OB dump site should be at the lower part of the site (near BP8). A gabion wall shall be constructed for the OB dump.
3. Compensatory afforestation plan should be implemented from the 1st year itself and the geo-coordinates and geo-tagged photographs of the area shall be submitted in HYCR.
4. Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to the nearest natural drain should be provided prior to the commencement of mining.
5. Garland drain should be enlarged to carry the entire overland flow of the adjacent slopy region of the quarry.
6. Garland drain, silt-traps, siltation ponds and outflow channel should be desilted periodically and geo-tagged photographs of the process should be included in the HYCR.
7. Monitoring of drainage water should be carried out at different seasons by an NABL-accredited lab and clear water should only be discharged into the natural stream. Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.
8. The overburden dumping site should be protected with gabion walls to prevent erosion.
9. 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).
10. The haulage road should be developed prior to the commencement of mining and it should be maintained well and dust-free with sprinkling arrangement.
11. Adequate sanitation, waste management and rest room facilities should be provided to the workers.

12. Adequate energy conservation measures proposed should be implemented including solar power installations for street light and office
13. The Environment Management Cell (EMC) should include an Environment expert and the proceedings of the monthly meeting of the Environment Management Cell (EMC) should be submitted along with the HYCR
14. Boundary Pillars should be properly marked and fencing should be done properly.
15. The impact of vibration due to blasting on the nearest houses and other built structures should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.

11. 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 examined the proposal and verified the documents. The proposed Life of mine is 3 years for a total minable reserve of 33,911 of granite building stone with an extraction rate of 11,304 TPA. The Committee discussed the proposal and decided to recommend EC for a period of 3 years subject to the following Specific Conditions in addition to the General Condition:

1. Buffer zones should be demarcated and green belt should be developed by planting trees, climbers and herbs as mentioned in the biodiversity assessment report.
2. OB dump site should be at the lower part of the site (near BP8). A gabion wall shall be constructed for the OB dump.
3. Compensatory afforestation plan should be implemented from the 1st year itself and the geo-coordinates and geo-tagged photographs of the area shall be submitted in HYCR.
4. Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to the nearest natural drain should be provided prior to the commencement of mining.
5. Garland drain should be enlarged to carry the entire overland flow of the adjacent slopy region of the quarry.
6. Garland drain, silt-traps, siltation ponds and outflow channel should be desilted periodically and geo-tagged photographs of the process should be included in the HYCR.

7. Monitoring of drainage water should be carried out at different seasons by an NABL-accredited lab and clear water should only be discharged into the natural stream. Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.
8. The overburden dumping site should be protected with gabion walls to prevent erosion.
9. 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).
10. The haulage road should be developed prior to the commencement of mining and it should be maintained well and dust-free with sprinkling arrangement.
11. Adequate sanitation, waste management and rest room facilities should be provided to the workers.
12. Adequate energy conservation measures proposed should be implemented including solar power installations for street light and office
13. The Environment Management Cell (EMC) should include an Environment expert and the proceedings of the monthly meeting of the Environment Management Cell (EMC) should be submitted along with the HYCR
14. Boundary Pillars should be properly marked and fencing should be done properly.
15. The impact of vibration due to blasting on the nearest houses and other built structures should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.

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

Environmental Clearance for Laterite building stone quarry project of Mr.Mirshad C. K over an extent of 0.7115 Ha in Re Sy No 67/1190, 67/1191,67/1187, 67/1186, 67/801 of Kakkad Village, Kozhikode Taluk, Kozhikode District, Kerala. (ADS Received)

Decision: The Committee examined the proposal, verified the documents, discussed the field inspection report and decided to recommend EC for a project period of 3 years from the date of permit from the Mining and Geology Department subject to the following Specific Conditions in addition to the General Conditions:

1. The activity associated with borrowing/excavation should not involve blasting.

2. The borrowing/excavation activity should be strictly according to the mine plan.
3. The borrowing/excavation activity should not alter the natural drainage pattern of the area.
4. The borrowed/excavated pit should be restored by the project proponent for useful purposes.
5. Appropriate fencing all around the borrowed/excavated pit should be made to prevent any mishap.
6. Measures should be taken to prevent dust emission by covering borrowed/excavated earth during transportation.
7. Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to borrowing/excavation of earth.
8. Workers/labourers should be provided with facilities for drinking water and sanitation.
9. A berm should be left from the boundary of adjoining field having a width equal to at least half the depth of proposed excavation.
10. Numbered Boundary Pillars marked with geo-coordinates should be fixed to define the exact boundary and geotagged photographs of all the boundary pillars should be submitted prior to commencement of mining.
11. No water logging should be allowed in the mine pit. Appropriate drainage should be ensured from the project area prior to the commencement of mining.
12. The drain should be provided with silt traps and siltation pond and the overflow water should be clarified and drained to the nearest natural drain without any hindrance.
13. The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.
14. Measures incorporated in the CER should be implemented as per norms
15. Transportation of mined material should not be done during the peak hours in the forenoon (8.30am to 10.00am) and afternoon (3.30pm to 5 pm).

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

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

Decision: The Committee examined the proposal in detail and **decided to direct the proponent to submit the following additional documents:**

1. EMP with site specific management plans and appropriate budgetary provisions.
2. Revised CER as per OM No.22- 65/2017-IA.III dated 30/09/2020 of MoEFCC, GoI
3. Tree cutting and planting details.
4. Lithological section.
5. Detailed Drainage management plan

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

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

Decision: The Committee examined the proposal in detail and **decided to direct the proponent to submit the following additional documents:**

1. Detailed Drainage Management Plan
2. Information/Data that are not provided as stipulated in Form 2 of Parivesh Proof of application submitted to the NBWL for wildlife clearance

15. 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 examined the proposal in detail and observed that certain of the details provided in Form 2 of Parivesh is inconsistent with the approved mine plan and Environmental Management Plan, The Committee **decided to direct the proponent to submit the following additional documents:**

1. Information/Data that are not provided as stipulated in Form 2 of Parivesh Revised EMP with budget & Revised CER as per OM No.22- 65/2017-IA.III dated 30/09/2020 of MoEFCC, GoI
2. Recently certified legible survey map from the Village Office.
3. Depth to water table in the nearest dug well along with its geo-tagged photographs.

4. Map showing OB dump site and details regarding the protection of OB dump

16. 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 examined the proposal, verified the documents, discussed the field inspection report, and decided to recommend EC to the project for a period of 2 years from the date of permit from the Mining and Geology Department subject to the following Specific Conditions in addition to the General Conditions:

1. The activity associated with borrowing/excavation should not involve blasting.
2. The borrowing/excavation activity should be strictly according to the mine plan.
3. The borrowing/excavation activity should not alter the natural drainage pattern of the area.
4. The borrowed/excavated pit should be restored by the project proponent for useful purposes.
5. Appropriate fencing all around the borrowed/excavated pit should be made to prevent any mishap.
6. Measures should be taken to prevent dust emission by covering borrowed/excavated earth during transportation.
7. Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to borrowing/excavation of earth.
8. Workers/labourers should be provided with facilities for drinking water and sanitation.
9. A berm should be left from the boundary of adjoining field having a width equal to at least half the depth of proposed excavation.
10. Numbered Boundary Pillars marked with geo-coordinates should be fixed to define the exact boundary and geotagged photographs of all the boundary pillars should be submitted prior to commencement of mining.
11. No water logging should be allowed in the mine pit. Appropriate drainage should be ensured from the project area prior to the commencement of mining.

12. The drain should be provided with silt traps and siltation pond and the overflow water should be clarified and drained to the nearest natural drain without any hindrance.
13. The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.
14. Measures incorporated in the CER should be implemented as per norms
15. Transportation of mined material should not be done during the peak hours in the forenoon (8.30am to 10.00am) and afternoon (3.30pm to 5 pm).

17. 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 examined the proposal, verified the documents, discussed the field inspection report, and decided to recommend EC for the project for a period of 2 years from the date of permit from the Mining and Geology Department subject to the following Specific Conditions in addition to the General Conditions:

1. The activity associated with borrowing/excavation should not involve blasting.
2. The borrowing/excavation activity should be strictly according to the mine plan.
3. The borrowing/excavation activity should not alter the natural drainage pattern of the area.
4. The borrowed/excavated pit should be restored by the project proponent for useful purposes.
5. Appropriate fencing all around the borrowed/excavated pit should be made to prevent any mishap.
6. Measures should be taken to prevent dust emission by covering borrowed/excavated earth during transportation.
7. Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to borrowing/excavation of earth.
8. Workers/labourers should be provided with facilities for drinking water and sanitation.
9. A berm should be left from the boundary of adjoining field having a width equal to at least half the depth of proposed excavation.

10. Numbered Boundary Pillars marked with geo-coordinates should be fixed to define the exact boundary and geotagged photographs of all the boundary pillars should be submitted prior to commencement of mining.
11. No water logging should be allowed in the mine pit. Appropriate drainage should be ensured from the project area prior to the commencement of mining.
12. The drain should be provided with silt traps and siltation pond and the overflow water should be clarified and drained to the nearest natural drain without any hindrance.
13. The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.
14. Measures incorporated in the CER should be implemented as per norms
15. Transportation of mined material should not be done during the peak hours in the forenoon (8.30am to 10.00am) and afternoon (3.30pm to 5 pm).

18. 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 examined the proposal, verified the documents, discussed the field inspection report and decided to recommend EC to the project for a period of 4 years from the date of permit from the Mining and Geology Department subject to the following Specific Conditions in addition to the General Conditions:

1. The activity associated with borrowing/excavation should not involve blasting.
2. The borrowing/excavation activity should be strictly according to the mine plan.
3. The borrowing/excavation activity should not alter the natural drainage pattern of the area.
4. The borrowed/excavated pit should be restored by the project proponent for useful purposes.
5. Appropriate fencing all around the borrowed/excavated pit should be made to prevent any mishap.

6. Measures should be taken to prevent dust emission by covering borrowed/excavated earth during transportation.
7. Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to borrowing/excavation of earth.
8. Workers/labourers should be provided with facilities for drinking water and sanitation.
9. A berm should be left from the boundary of adjoining field having a width equal to at least half the depth of proposed excavation.
10. Numbered Boundary Pillars marked with geo-coordinates should be fixed to define the exact boundary and geotagged photographs of all the boundary pillars should be submitted prior to commencement of mining.
11. No water logging should be allowed in the mine pit. Appropriate drainage should be ensured from the project area prior to the commencement of mining.
12. The drain should be provided with silt traps and siltation pond and the overflow water should be clarified and drained to the nearest natural drain without any hindrance.
13. The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.
14. Measures incorporated in the CER should be implemented as per norms
15. Transportation of mined material should not be done during the peak hours in the forenoon (8.30am to 10.00am) and afternoon (3.30pm to 5 pm).

19. 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 Kallorkad Village, Muvattupuzha Taluk, Ernakulam District, Kerala in an area of 0.9105 hectares. (Fresh Proposal)

Decision: The Committee verified the proposal in detail and **decided to direct the proponent to submit the following additional documents: The Committee also noticed that the field inspection was conducted by the previous SEAC and sought the field inspection report to be placed in the next SEAC.**

1. Recently certified legible survey map from the Village Office showing all the structures within a 200 m radius

2. Revised EMP with budget
3. Hazard zonation map overlaid on the map showing project location

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

Environmental Clearance for the building stone quarry of Sri.Raphy John Managing Partner, Hill top 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 examined the proposal in detail and noted that the Peechi Vazhani wildlife sanctuary is located at a distance of only 3.1 km. **The Committee decided to direct the proponent to submit the following additional documents:**

1. Proof of application submitted to NBWL for wildlife clearance.
2. Information/Data that are not provided as stipulated in Form 2 of Parivesh
3. Map showing OB dump site and protection plan for OB sump
4. Revised EMP with site-specific management plans with appropriate budget provision
5. Recently certified legible survey map from the Village Office showing all the structures within 200 m radius

21. 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: On verification of Cluster Certificate dated 6. 5.2022, it is formed that three other quarries are there within a distance of 500 m radius and hence the project is under Cluster situation. **The proponent is directed to submit the EIA report by completing all procedures as per the ToR approved by SEIAA.**

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

Environmental Clearance for the Proposed Granite (Building Stone) Quarry of Sri. Haris. C, 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 examined the proposal and verified the detail and found the following shortcomings:

1. Revised CER as per OM No.22- 65/2017-IA.III dated 30/09/2020 of MoEF & CC, GOI along with the locations where solar lights are proposed to be installed.
2. Information/Data that are not provided as stipulated in Form 2 of Parivesh

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

23. 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. (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 and the subsequent orders and OMs of MoEFCC. Therefore, **the Committee decided to recommend to SEIAA to reject the proposal.**

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

Environmental Clearance for the Granite Building Stone 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 examined the proposal and verified the details and found that a crusher unit is located almost at the boundary line of the proposed site. The proposed site is situated in the medium hazard zone in continuation with the high hazard zone. The project site seems to be very fragile and the Committee decided to invite the Proponent for presentation of the project details.

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

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

Decision: The Committee examined the proposal in detail and decided to direct the proponent to submit the following additional documents:

1. Information/Data that are not provided as stipulated in Form 2 of Parivesh
2. Revised EMP with site specific management plans with appropriate budget provisions
3. Revised CER activities in tune with beneficiary requirements as per norms.
4. Map showing the relocated OB dump site and details of protection measures proposed.
5. Recent Cluster certificate.

26. 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 foran area of 0.9524 hecters.

Decision: The Committee examined the proposal, verified the documents and discussed the Field Inspection Report conducted on 03-10-2022. The proposed life of mine is 5 years for extracting 1,71,470 MT of granite building stone with an extraction rate of 40,757.42TPA. The Committee decided to recommend EC for a period of 5 years subject to the following Specific Conditions in addition to the General Condition:

1. Buffer zones should be demarcated and green belt should be developed by planting trees, climbers and herbs as mentioned in the biodiversity assessment report.
2. OB dump site should be at the lower part of the site (near BP8). A gabion wall shall be constructed for the OB dump.
3. Compensatory afforestation plan should be implemented from the 1st year itself and the geo-coordinates and geo-tagged photographs of the area shall be submitted in HYCR.
4. Drainage system incorporating garland canal, silt traps, siltation pond and outflow

channel connecting to the nearest natural drain should be provided prior to the commencement of mining.

5. Garland drain should be enlarged to carry the entire overland flow of the adjacent slopy region of the quarry.
6. Garland drain, silt-traps, siltation ponds and outflow channel should be desilted periodically and geo-tagged photographs of the process should be included in the HYCR.
7. Monitoring of drainage water should be carried out at different seasons by an NABL-accredited lab and clear water should only be discharged into the natural stream. Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.
8. The overburden dumping site should be protected with gabion walls to prevent erosion.
9. 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).
10. The haulage road should be developed prior to the commencement of mining and it should be maintained well and dust-free with sprinkling arrangement.
11. Adequate sanitation, waste management and rest room facilities should be provided to the workers.
12. Adequate energy conservation measures proposed should be implemented including solar power installations for street light and office
13. The Environment Management Cell (EMC) should include an Environment expert and the proceedings of the monthly meeting of the Environment Management Cell (EMC) should be submitted along with the HYCR
14. Boundary Pillars should be properly marked and fencing should be done properly.

PART 4

CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE

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

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

Decision: The Committee examined the proposal in detail and **decided to direct the proponent to submit the following additional documents:**

1. Information/Data that are not provided as stipulated in Form 2 of Parivesh
2. Proof of application submitted to NBWL for wildlife clearance.
3. Map showing OB dump site and measures for its protection
4. Revised CER as per OM No.22- 65/2017-IA.III dated 30/09/2020 of MoEF & CC, GOI
5. Detailed Drainage plan
6. Explanation for inconsistencies in the entries in form 2 with respect to documents should be provided.
7. Revised EMP with site specific mitigation plans along with appropriate budget provision.
8. Compensatory afforestation plan along with the coordinates and geo-tagged photographs of the proposed site.
9. Depth to water table in the nearest dug well with its geo-tagged photographs

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 an area of 1.3710 hectares. (Fresh Application)

Decision: The Committee verified the proposal in detail and **decided to direct the proponent to submit the following additional documents:**

1. Information/Data that are not provided as stipulated in Form 2 of Parivesh
2. CER as per OM No.22- 65/2017-IA.III dated 30/09/2020 of MoEFCC, GoI
3. Revised EMP with site-specific mitigation plans and adequate budgetary provision.
4. Proof of application submitted to NBWL for wildlife clearance.

3. 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 inMelmuri Village, Ernad Taluk, Malappuram District (Fresh Proposal)

Decision: The Committee examined the proposal in detail and **decided to direct the proponent to submit the following additional documents:**

1. Revised EMP with site-specific mitigation plans along with adequate budgetary provisions
2. Revised CER as per OM No.22- 65/2017-IA.III dated 30/09/2020 of MoEFCC, GoI along with maintenance costs for the project period.
3. Hazard zonation map

4. 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 examined the proposal in detail and **decided to direct the proponent to submit the following additional documents:**

1. Recent Cluster certificate.
2. Recently certified legible survey map from the Village Office showing all the structures within a 200 m radius
3. Pre and Post mining Land use details
4. Site-specific EMP with adequate budgetary provisions
5. Detailed risk management plan for avoiding risk & accidents to the nearby houses in the downslope region
6. Ecological & Environmental sensitivity data as stipulated in Form 2 of Parivesh

7. Mine void details.

In the EMP document, certain pages, the proponent name is mentioned as Jayarajan and in certain other pages name mentioned is Abdul Razak which indicated that the EMP document is not prepared based on site-specific analysis. The Committee decided to express the unhappiness and concern to the Consultant of the Project direct him not to repeat such mistakes.

5. 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 examined the proposal in detail and **decided to direct the proponent to submit the following additional documents:**

1. Detailed compensatory afforestation plan along with geo-coordinates and geotagged photographs of the site proposed
2. Recently certified legible survey map from the Village Office showing all the structures within 200 m radius .
3. Information/Data that are not provided as stipulated in Form 2 of Parivesh
4. Revised EMP with site-specific mitigation plan and appropriate budgetary provision for the entire mine life excluding cost earmarked for road development and cost for baseline study.

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

Environmental Clearance for the building stone quarry at Re-SurveyNo.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 verified the proposal in detail and **decided to direct the proponent to submit the following additional documents:**

1. Depth to water table in the nearest dug well along with its geotagged photographs
2. Revised CER as per OM No.22- 65/2017-IA.III dated 30/09/2020 of MoEFCC, GoI

3. Recently certified legible survey map certified by the Village Office showing all the structures within a 200 m radius.
4. Site-specific EMP with adequate budgetary provision
5. OB dump site plan and protection measures
6. Compensatory afforestation plan along with the geocoordinates and geo-tagged photographs of the proposed site.
7. Detailed Drainage plan.
8. Clarification regarding the cluster situation

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

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

Decision: The Committee verified the proposal in detail and **decided to direct the proponent to submit the following additional documents:**

1. Confirmation from the forest Department regarding the distance from the boundary of the forest to the proposed area.
2. Environmental Sensitivity & Ecological sensitivity data as stipulated in Form 2 of Parivesh.
3. Pre/Post mining land use details
4. Revised EMP excluding components to be included under project cost and including site specific mitigation plan and appropriate budget provision.
5. Depth to water table in the nearest dug well with its geo-tagged photographs

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

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

Decision: The Committee examined the proposal in detail and found that depth of mine should be reassessed by limiting mining upto the water table. The Committee observed that the depth of mining should be limited according to the depth to water table. The committee **decided to**

direct the proponent to submit the following additional documents:

1. Pre and post mining Land use details
2. Map showing OB dump site along with protection measures
1. Revised EMP Revised CER as per OM No.22- 65/2017-IA.III dated 30/09/2020 of MoEFCC, GoI
3. Revised EMP excluding components to be included under project cost and including site specific mitigation plan and appropriate budget provision.
4. Letter from the Wildlife Warden showing distance to the nearest wildlife sanctuary (Peechi Vazhani Wildlife sanctuary)
5. Compensatory afforestation plan along with geocoordinate and geo-tagged photographs of the proposed site
6. Depth to water table in the nearest dug well along with its geo-tagged photograph

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

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

Decision: The Committee verified the proposal in detail and found that the site is on the summit portion of an elongated hill ridge. Conservation of this hill ridge is important from the point of micro climate of the region. The investment required for operating a mine of such a small areal extent ensuring environmental & social safeguards is significantly higher than the proposed project cost. **Therefore the committee observed that the feasibility of such a small mine on the summit of a ridge may not be viable. The committee decided to invite the proponent for discussing the project, particularly the above aspects.** It is also observed that the Cluster certificate is of the year 2018. The EMP is inadequate and CER is inappropriate.

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

Environmental Clearance for the building stone quarry at Re -Survey No.130/1,130/2, Block No.12 of Kombanad Village, Kunnathunad Taluk,

Ernakulam District, Kerala for an Area of 0.6250 Ha. (Fresh proposal)

Decision: The Committee verified the proposal in detail and **decided to direct the proponent to submit the following additional documents:**

1. Depth to water table in the nearest dug well along with its geotagged photographs
2. Recently certified legible survey map certified by the Village Office showing all the structures within a 200 m radius.
3. Site-specific EMP with adequate budgetary provision
4. OB dump site plan and protection measures
5. Compensatory afforestation plan along with the geocoordinates and geo-tagged photographs of the proposed site.
6. Detailed Drainage plan.
7. Clarification regarding the cluster situation

11. 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 in Sy.No.104/1-98 in Kuruva Village, Perinthalmanna Taluk, Malappuram District (Fresh proposal)

Decision: The Committee examined the proposal in detail and found that in the survey map there is no building mentioned. But in the google imagery, it is seen that a building and a shed within 50 m. Hence clarification on the same is required. The Committee **decided to direct the proponent to submit the following additional documents:**

1. Recently certified legible survey map from the Village Office showing all the built structures within 100m.
2. EMP for the project.
3. CER as per OM No.22- 65/2017-IA.III dated 30/09/2020 of MoEFCC, GoI
4. Depth to water table.

12. 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 examined the proposal in detail and found that there is a building within 50 m in KML file, but it is not shown in the survey map. Hence clarification on the same is required. The Committee **decided to direct the proponent to submit the following additional documents:**

1. Site-specific EMP with budgetary provision.
2. CER as per norms
3. Recently certified legible survey map from the village office indicating all the built structures within 100m

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

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

Decision: The Committee examined the proposal in detail and **decided to direct the proponent to submit the following additional documents:**

1. KML file
2. OB dump/ topsoil management plan and map showing OB dump site
3. Revised project cost
4. Revised EMP with appropriate budget provision
5. Recently monitored environmental quality data.
6. Information/Data that are not provided as stipulated in Form 2 of Parivesh

14. 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 examined the proposal in detail and **decided to direct the proponent to submit the following additional documents:**

1. Information/Data that are not provided as stipulated in Form 2 of Parivesh

2. Ecological sensitivity details.
3. Revised EMP cost with adequate budget provision
4. Revised CER consisting of specific activities in physical terms by conducting need assessment as per OM No.22- 65/2017-IA.III dated 30/09/2020 of MoEF & CC, GO.
5. Hazard zonation map.

15. 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 examined the proposal in detail and found that form 2 is not filled properly. The Committee **decided to direct the proponent to submit the following additional documents:**

1. Information/Data that are not provided as stipulated in Form 2 of Parivesh
2. Clarification regarding the inconsistencies in form 2 and documents submitted.
3. Recently certified legible survey map from the Village Office showing all the structures within a 200 m radius

16. 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 examined the proposal in detail and **decided to direct the proponent to submit the following additional documents:**

1. Revised EMP incorporating site-specific environmental management measures and cost required for implementation
2. Safeguard measures proposed to avoid any risk to the built structures downstream of the proposed site in the southern side
3. Revised CER consisting of specific activities in physical terms by conducting need assessment as per OM No.22- 65/2017-IA.III dated 30/09/2020 of MoEF & CC, GOI.

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

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

Decision: The Committee examined the proposal in detail and found that a moderate hazard zone is at 110m from the proposed site. **The committee decided to direct the proponent to submit the following additional documents:**

1. Information/Data that are not provided as stipulated in Form 2 of Parivesh
2. Revised EMP incorporating site-specific mitigation plans along with appropriate budget provision for the entire life of mine and also excluding the cost required for project infrastructure.
3. Revised CER consisting of specific activities in physical terms by conducting need assessment as per OM No.22- 65/2017-IA.III dated 30/09/2020 of MoEF & CC, GOI with adequate cost earmarked for the entire life of mine.

18. 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 examined the proposal in detail and found that there is a built structure at 12m from the proposed site and the nearest house is 63m but this is not mentioned in the certified survey map submitted by the proponent. Clarification regarding the same shall be obtained from the PP. **The committee decided to invite the proponent for a presentation.**

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

Environmental Clearance –Laterite Building Stone project at Edackattuvayal Village, Kanayannoor Taluk, Ernakulam, Kerala for an area of Permit area 0.0971 hectares (Fresh Proposal)

Decision: The Committee examined the proposal and verified the documents submitted by the proponent in detail. The Committee directed the proponent to submit the recently certified legible survey map from the Village Office. **The Committee decided to invite the proponent for a presentation.**

20. 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 BlockNo:29, Re-Survey Nos: 34/4, 34/5 in Kavassery -I Village, Alathur Taluk, Palakkad District, Kerala (Fresh Proposal)

Decision: The Committee examined the proposal and verified the documents submitted by the proponent in detail. The Committee observed that the Choolannur Wildlife sanctuary is at 2.3 km from the proposed area. The project cost is 1.75 Cr. and the Mine plan submitted is with a mine life of 12 years. **The committee decided to direct the proponent to submit the following additional documents:**

1. Tree-cutting details are to be revised.
2. Proof of application submitted to NBWL for wildlife clearance.
3. CER is to be revised as per OM No.22- 65/2017-IA.III dated 30/09/2020 of MoEF & CC, GOI and incorporated in the EMP
4. Revised EMP excluding the cost of construction of a road which is part of the project cost. The EMP should be revised by including site-specific management plan and incorporating adequate budget for the entire period of mine life.
5. The fund for the proposed CER is to be included in the project cost.

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

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

Decision: The Committee examined the proposal and verified the documents submitted by the proponent in detail. The Committee found that a built structure is situated within 34.6 km from the proposed area. A crusher is seen within the project area as per the google earth map. **The committee observed that the following additional documents are required.**

1. EMP includes the cost of construction of a road which is part of the project cost. The

EMP should be revised by including site-specific management plan for the entire mine life.

2. Clarification regarding the built structure within a 50m radius as per google map

The Committee decided to invite the proponent for presentation.

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

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

Decision: The Committee examined the proposal, verified the documents and discussed the field inspection report. The total mineable reserve is 27,35,763 MT, the life of mine proposed is 12 years, and the distance to the nearest house is 120m. The Peechi Vazhani Wildlife sanctuary is located in the 16 km SW part of the proposed area. The Choolannur wildlife sanctuary is located at a distance of 1.2km for which proof application for wildlife clearance from NBWL is submitted. The elevation of the site vary from 75m to 90m above MSL and the depth to water table as per the Form of Parivesh vary from 0.5m to 14.4m. As per the mine plan, the proposed depth of mine is 85m with 17 benches. However, it is not found permissible as the depth of mine has to be limited above the depth to water table as per norms. Though the proponent was asked to submit revised EMP and revised CER, it is not found satisfactory as the cost of EMP is worked out only for 5 years and CER for one year. Therefore, the Committee decided to seek following revised documents from the Proponent again.

1. Revised EMP incorporating all the mitigation measures with adequate budget provision for the entire life of mine.
2. Revised CER incorporating maintenance expense for the entire period of mine life

23. SIA/KL/MIN/52716/2020 , 1654/EC6/2020/SEIAA

Environment Clearance for the proposed Granite Building Stone Quarry of Mr Sajeer Moyin for an area of 4.7425 Ha.in Survey Number 323/1-3, 323/1-4, 323/1-11 & 323/1-12 at Thiruvalli Village, Nilambur Taluk, Malappuram, Kerala (Evaluation Report received)

Decision: The committee discussed the Evaluation Report in detail and noted that the Proponent has to address the following aspects in detail. .

1. The EMP should incorporate all the site specific mitigation plans and provide adequate financial provision for their implementation during the entire period of mine life. At present the total cost allocated for EMP is Rs. 10 lakhs which is too low. It is only 4 percent of the project cost.
2. A recently certified and legible survey map from the Village Office indicating distance to all the built structures within 200m radius of the proposed site.
3. A progressive green belt development plan will all the details as per Condition 31 of the ToR
4. Details of the carrying capacity of the natural drains
5. There are errors in the report which need correction by the consultant

Based on discussions, the Committee decided to entrust Sri. S Sheikh Hyder Hussain and Dr. R Ajayakumar Varma for field inspection and report

24. 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 Nediyrrippu Village, ERnad Taluk, Malappuram District (Freshproposal after EIA study) (Compliant received)

Decision: The committee discussed the proposal and found that around 30% of the proposed area is in the moderate hazard zone. All the points in the Standard ToR are not addressed in the EIA report. Some of the data to be provided in the Form 2 of Parivesh is not seen entered. The name and details of the accredited EIA consultant is not given in Form 2.. A complaint is received against the proposal from Moidheen Kutty and others which shall be forwarded to the proponent for remarks. The Committee decided to invite the Proponent for detailed presentation of the EIA report and EMP.

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

Environmental Clearance for the 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 SEIAA noticed violation in its 43rd meeting. The ToR was approved on 26 July 2018 vide F.No. 23-13712018-1A-III(V) as per MoEF& CC's notification S.O. 804(E) dated 14/03/2017 & OM F. NO. Z-11013/22/2017- IA.II(M) dated 16/03/2018 But the proponent has submitted the application along with the EIA report only in July 2022. Now the violation cases are dealt with according to the provisions contained in OM dated 7.7.2021 of the MoEF&CC, GoI. **The Committee decided to invite the proponent for a detailed presentation.**

26. 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 proposal of M/s Ananthapuri Hospitals Pvt Ltd, Thiruvananthapuram is for an expansion of the Built-up Area (BUA) of 14,029.23 sq m for adding a capacity of 100 more beds. The project proponent has provided details of the existing built-up area as 11,091.81 sq m (based on two building permits of Thiruvananthapuram Municipal Corporation), which was constructed before 14.09.2006, for which EC was not required. Further, the project proponent stated that they had constructed an additional BUA of 15,828 sq m, post 14.9.2006 period for catering needs for a total of 400 bedded hospital. Therefore, the cumulative BUA is reported as 29,857.23 sq m, (15,828 + 14,029.23) hence they have submitted the application for EC. From the details, it is not clear whether the BUA 15,828 sq m constructed post 14.09.2006 includes BUA of 11,091 sq m constructed before. The Committee decided to invite the PP for a detailed presentation.

The committee decided to decide to invite the proponent for a presentation.

PART 5

CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE

1. SIA/KL/MIN/179645/2020 , 1908/EC3/2021/SEIAA

Environment Clearance for mining lease of “Granite Building Stone Quarry of Smt. Sneha Jose” over an extent of 3.0876 Ha. at Re-Survey Block No: 46, Re-Sy. Nos. 132, 134/1, 134/2, 134/2-2, Kondoor Village, Meenachil Taluk, Kottayam, Kerala - (Fresh Application)

Decision: The Committee examined the proposal and verified the documents submitted by the proponent in detail. It is observed that the CER need revision with specific monitorable physical targets as per OM No.22- 65/2017-IA.III dated 30/09/2020 of MoEF & CC, GOI and the EMP need revision to address all the mitigation measures required during the entire period of mine life. Based on discussions, the Committee decided to invite the PP for presentation.

2. SIA/KL/MIN/272889/2022 , 2144/EC1/2022/SEIAA

Laterite building stone quarry of Shri. Jaya Krishnan in Re Survey No. 2/5,5/2 of Ongallur-1 village , Pattambi Taluk, Palakkad (Fresh Proposal)

Decision: The committee discussed the proposal and verified in detail and decided to direct the proponent to submit the following additional documents:

1. Revised CER with specific monitorable physical targets as per OM No.22- 65/2017-IA.III dated 30/09/2020 of MoEF & CC, GOI
2. Revised EMP incorporating all the mitigation measures with adequate budget provision considering the entire period of mine life.
3. Depth to water table in the nearest dug well with geo-tagged photograph of the well

Data gaps in the Form 2.

3. SIA/KL/MIN/282125/2022 , 2106/EC6/2022/SEIAA

Application for Environmental Clearance for the Granite Building Stone Quarry Project in Sy.No.1/1A in Pulamanthole Village, Perinthalmanna Taluk, Malappuram (Fresh Application)

Decision: The committee discussed the proposal and verified it in detail and decided to direct the proponent to submit the following additional documents:

1. Recently certified legible survey map from the Village Office indicating distance to all the built structures within 200m radius of the proposed site
2. Revised EMP with site-specific mitigation plans and adequate budget provision for the entire period of mine life
3. Revised CER with specific monitorable targets as per OM No.22- 65/2017-IA.III dated 30/09/2020 of MoEF & CC, GOI
4. Depth to water table in the nearest dug well with geo-tagged photograph of the well.

4. 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 examined the proposal, verified the documents submitted and discussed the field inspection report. The proposal is to mine granite building stone of 30,000 TPA for 12 years. The elevation of the site varies from 98m to 123m above MSL. The depth to water table reported in Form 2 vary from 6-12m below ground level. The nearest house is located at 56m and a fuel filling station is located at a distance of 91m. There are shortcomings in the additional documents submitted and hence the Committee decided to seek the following additional documents.

1. Revised EMP incorporating all the site specific mitigation measures along with adequate budget provision for the entire period of mine life.
2. Revised CER incorporating budget provision for maintenance of the installation for the entire period of mine life
3. Impact of vibration due to blasting monitored near the house located at 56m and near the fuel filling station in terms of peak particle velocity and amplitude for maximum charge per delay.

5. 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 examined the proposal, verified the documents submitted the proponent and discussed the field inspection report. As per the certificate of the Village Officer dated 16.04.2021 the distance to the forest from the boundary of the site is 51m. Based on discussions, the Committee decided to issue EC for a period of five years with the following specific conditions in addition to general conditions.

1. Buffer zones should be demarcated and green belt should be developed by planting trees, climbers and herbs as mentioned in the biodiversity assessment report. This should be done prior to the commencement of mining.
2. OB dump site should be at the lower part of the site (near BP8). A retention wall shall be constructed for the OB dump.
3. Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to the nearest natural drain should be provided prior to the commencement of mining.
4. Garland drain, silt-traps, siltation ponds and outflow channel should be desilted periodically and geo-tagged photographs of the process should be included in the HYCR.
5. 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).
6. The haulage road should be developed prior to the commencement of mining and it should be maintained well and dust-free with sprinkling arrangement.
7. Adequate sanitation, waste management and rest room facilities should be provided to the workers.
8. Adequate energy conservation measures proposed should be implemented including solar power installations for street light and office
9. 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

6. 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, Kerala (Refer back from 118th SEIAA)

Decision: The Authority in its 118th meeting perused the proposal and noticed that the SEAC in its 131st meeting recommended issuing EC for the project life of 1 year, subject to certain Specific Conditions in addition to the General Conditions. On examination, the Authority noticed that the project is proposed to excavate about 60000 MT of ordinary earth from 0.4553 Ha land, the depth of mining is around 50 feet and there are three buildings extremely close to the proposed site, in which one building is 4.1m close to the boundary. In addition, about 43 buildings are located within 100m distance from the project site. All the wells in the upper reaches may get dried up due to the excavation and only a reasonable depth can be allowed without affecting the local livelihood. Authority also noticed that if adequate measures have not been taken for the protection of benches, during monsoon it may lead to landslides etc.

The committee has re-appraised the proposal as per the direction of the 118th SEIAA & observed that the concern that arose by SEIAA has already been addressed in the minutes of the 131st SEAC meeting. Considering the depth of the water table & possibility of instability of the benches committee has recommended extracting ordinary earth only to the depth of 2m below ground level and also by stipulating a distance of 15m from the built structure.

7. 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)-O.A. 56 of 2022, filed by Sri. Stanley Joseph and Sri. Sajan George)

Decision: The committee verified the direction of NGT dated 25.05.2022 and the letter received from Adv. T V Harikumar. The specific point raised by the applicants in the O.A is that earlier M/s Palathara Constructions Pvt Ltd who had been conducting mining in the adjoining area earlier mined more area and quantity than allowed in their E.C and left the mined pits without executing the mine closure plans and the same persons by forming another

Company by name Rockfield Estates Pvt. Ltd and approached the SEIAA for NOC. The NGT, Chennai on the admission of the O.A in consideration of the seriousness of the allegation admitted the matter on 25-05-2022 issued notice to all parties in the O.A , including the 2nd respondent SEIAA. Moreover, the standing Counsel for SEIAA was also served with the advance notice of O.A. It is not known whether the SEIAAA has filed any Objection/Counter in the O.A and whether the Hon'ble NGT has issued any direction to SEEIAA. Considering that there is no stay order, the Committee decided to proceed with the appraisal process and recommend issuance of EC subject to the decision of the Hon. Tribunal. The Committee also decided to recommend the following specific conditions in addition to general conditions.

1. A temporary wall shall be constructed where the building structure is within 62m from BP2.
2. The protection wall to the Naiplavu thodu should be done only using alternate eco-friendly methods & biological measures.
3. 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 a maximum charge per delay and included in the Half Yearly Compliance Report.
4. The drain water quality should be monitored regularly by an NABL-accredited lab and clear water should be let into the natural stream
5. OB dump site should be on the west side of BP6 and BP7. Gabion wall should be constructed for the OB dumping site
6. Boundary Pillars should be painted yellow and co-ordinates and pillar number should be written in black color.
7. Development of green belt should be initiated prior to the commencement of the mining operation.
8. Compensatory afforestation should be initiated prior to the commencement of mining.
9. Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain should be provided prior to the commencement of mining.
10. Haulage road should be developed prior to the commencement of mining and it may be maintained well with frequent sprinkling.

11. 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.
12. CER Plan should be implemented within the first 2 Years and it should be operated and maintained till the mine closure plan is implemented.
13. Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).
14. Adequate sanitation, waste management and rest room facilities should be provided to the workers prior to commencement of mining.
15. Adequate energy conservation measures including solar power installations should be implemented prior to commencement of mining.
16. Environment Management Cell (EMC) should include one subject expert in environmental management. The proceedings of the monthly meeting of the EMC should be submitted along with the HYCR.

8. 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 verified the documents submitted by the proponent, and noted that there are two documents submitted on the same date (13.09.2022) by the Village Officer. In the certified survey map it is seen that there is a house in 12.1m. Another certificate issued on the same date indicates that there are no houses within 200m. Therefore the proponent is directed to provide clarification on the discrepancy and submit a recently certified realistic survey map indicating distance to all the built structures within 200m of the site.

9. 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 verified the documents submitted by the proponent and found that after repeated requests the proponent failed to submit the actual pre-mining land use of the proposed area. Therefore proponent is once again directed to submit the actual land use of the area.

10. 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, ReSyNo-242/1-3, 242/2 in Pulpatta Village, Ernad Taluk, Malappuram District, Kerala (ADS Received)

Decision: The Committee examined the proposal and discussed the field inspection report. It is proposed to extract 17524 MT of laterite during the mine life of 1 year. The depth of mining is proposed as 6m with 4 benches. The depth to water table is 12m bgl and the nearest house is at 210m. Based on discussions, the Committee decided to recommend EC to the project for a period of One year with the following specific conditions in addition to general conditions:

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

of the project area

12. No water logging should be allowed in the mine pit. Appropriate drainage should be ensured from the project area prior to the commencement of mining.
13. The drain should be provided with silt traps and siltation pond and the overflow water should be clarified and drained to the nearest natural drain without any hindrance. It should be integrated with the drainage system provided for the adjacent laterite mines of Moideenkutty Parakkadan and Ayamam Parakkadan ensuring adequacy of carrying capacity.
14. The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.
15. Measures incorporated in the CER should be implemented as per norms.
16. Transportation of mined material should not be done during the peak hours in the forenoon (8.30am to 10.00am) and afternoon (3.30pm to 5 pm).
17. Compensatory afforestation and avenue plantation shall be established by the Proponent. It may be done in public spaces available in the nearby areas or in schools or such other institutions by supporting the institution for development and management of plantation.

11. 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) Older physical file recommended on 126th and thereafter in the 131st SEAC meetings)

Decision: The Authority in its 118th meeting perused the proposal and noticed that the SEAC in its 131st meeting recommended issuing EC for the project with mine life of 1 year, subject to certain Specific Conditions in addition to the General Conditions. On examination, the Authority noticed that the project is proposed to excavate about 59200 MT of ordinary earth from 0.4947 Ha land, the depth of mining is around 50 feet (16m) and there is a building extremely close to the proposed site. In addition, there are other buildings located within 100m distance from the project site. Due to this, only a reasonable depth can be allowed without affecting the local livelihood. Further, the Village Officer, Velloor Village, and the Secretary of

Vellor Grama Panchayat intimated that the elevated land portion may slide down and such a landslip may cause hindrance to traffic. The photographs of the proposed area also indicate such a possibility. Authority also noticed that if adequate measures have not been taken for the protection of benches, during monsoon it may lead to landslides, etc.

The committee noted the observation of the Authority and decided to reappraise the proposal. Accordingly, the Committee decided to entrust Dr. K N Krishnakumar & Dr. Mahesh Mohan for field inspection and report.

12. 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 (ADS Received)

Decision: The committee verified the documents submitted by the proponent. The site is located on the summit of an isolated hill with many houses & structures with in 200m on the North East & Southern side. Therefore, the Committee decided to invite the PP once again to make a detailed presentation specifically on the safeguards proposed based on the studies recommended by SEAC earlier and also on other environmental mitigation measures proposed. Both the aspects shall be presented with detailed plan of action.

13. 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, KottarakaraTaluk, Kollam District, Kerala State by Mr. Biju Khan

&

14. 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

Decision: The 117th meeting of the Authority perused the proposal and noted that the SEAC in its 130th meeting recommended EC for both the projects with the project life of 2 years. The Authority found that the government land included in both projects is contiguous with same survey number. If both projects are combined as a single project, the environment mitigation measures will be more effective. The Authority decided to obtain an explanation from the Project Proponent for proposing two different projects adjacent to each other even though the government land included in these projects is contiguous.

The Committee verified the documents submitted by the proponent. The committee agrees with the submission of the proponent dated 22.09.22. The recommendation by the committee was done as two projects by considering an imaginary buffer in the mined-out area & by proposing compensatory afforestation there. The two projects do not share a common boundary and both the sites are separated by a mined-out abandoned quarry. However, it is desirable to integrate the implementation of the environmental management plan without any reduction in the cost earmarked for the EMP. Especially, the drainage for both the proposed sites, reclamation of the abandoned quarry in between the two proposed sites, afforestation of the area shall be done in an integrated manner. Further while implementing the drainage plan, carrying capacity required for both the sites shall be assessed and implemented.

15. 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 examined the proposal and discussed the evaluation report. The proposal is to extract granite building stone from 1.5952 Ha at the rate of 46581 TPA for 10 years. The nearest built structure is at 101m and depth of mine void is 5m. An EIA report and EMP along with minutes of Public Consultation has been submitted as there is cluster condition. As decided, the EIA report was evaluated by a member of the SEAC and provided the following are the comments:

No	Conditions	Remarks
1	It should be clearly stated whether the proponent company has a well laid down environment Policy approved by its board of directors.	Chapter 10, Section 10.3, 10.4 & 10.5 Suggested "Environment Health Safety and Quality (EHSQ) Policy". <u>Clarity needed</u>
2	The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc. should be for the life of the mine / lease period.	Chapter 2, Section 2.7.9 "Precautions will be taken to limit the height of the topsoil dump to 5 to 6 meters in order to preserve its fertility and shelf life. Also, we shall provide a retaining wall surround the dumping area having height of 2-3 m, which help to avoid the soil erosion". <u>Two separate figures are given regarding height of dump. Clarification needed.</u>
3	Primary baseline data	3.5,3.6,3.7,3.8, Table 3-6 Total water depth is given in mbgl and m amsl. 5 wells are selected including one bore well. Dugwells- Depth given varies between 5-10m bgl or 38-51m AMSL- mining operations 70-35 m AMSL. (page 135, 4.4). <u>Is there a possibility of ground water intersection??</u> (Distance of monitoring wells varies from 405 to 965m)
4	Description of water conservation	2.7.9 and 4.4 <u>2.7.9 is only about waste management.</u> <u>4.4 No conservation measures are explained</u>
5	Impact and mitigation measures	4.4,4.9.3,4.94 4.9.4 "The ground water table is much below the general ground level at the hill bottom. The proposed mining operations are much above the ground water table. Therefore, the mining operations on hilltop will not have any adverse impact on either yield movement or quality of ground water" <u>This statement is not correct as per the data</u>

		<u>given.</u>
6	Conceptual post mining land use and Reclamation and Restoration of mined out areas (with plans and with adequate number of sections) should be given in the EIA report	Section 2.8, Page 55, <u>Sections are not project specific. They said progressive mine closure is applicable instead of mine closure plan and the mine closure plan will be prepared 5 years before expiry of the mine.</u>
7	Measures of socio economic significance and influence to the local community proposed to be provided by the Project Proponent should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation.	4.9.8, 10.6.7, 10.7 <u>4.9.8 is not relevant</u> <u>10.6.7 There is no such section.</u> <u>10.7 is budget for EMP</u>
8	Public hearing points	11 people attended as per the minutes of public hearing. Five were either quarry workers or quarry dependants. Nobody had raised any issue against the quarry. The president opined that if the quarry works as per prevailing environmental laws, permission can be granted.

The committee decided to invite the proponent for a detailed presentation. The PP is directed to modify the documents considering the comments above.

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

1. SIA/KL/MIN/193235/2021 , 46/KNR/2017/DEIAA

Environmental Clearance for the Proposed Granite Building Stone Quarry project for an area of 0.9460 Ha in Sy. No.336/1 & 304/3, Peringome village, Taliparamba Taluk of Mr. Abdul Rahiman.C.K (Fresh application)

Decision: The committee examined the proposal and observed that an EC dated 2.9.2017 was issued to Mr. Abdul Rehiman C.K. with validity up to 1.9.2020 for quarrying granite building stone of 58,750 TPA from an area of 0.9460 Ha. Vide order dated 8.11.2018 of DEIAA,

Kannur, the EC was transferred to the MD, Peringome Stone Crusher. However, the application for extension of EC is submitted by Mr. Abdul Rehiman on 15.1.2021. Considering the covid extension up to 31.3.2021, the date of submission of application for extension of EC is in order. The application was received at SEAC on 4.12.2022. The Committee verified the documents and observed that the following additional documents are required for carrying out the appraisal.

1. Certified Mine Plan
2. Scheme of mining or certificate from the Mining & Geology department regarding the resource extracted so far and balance resource available for extraction
3. Certified compliance report from MoEF&CC, Regional office, Bangalore
4. KML file of the site
5. Site map overlaid on the Hazard zonation map
6. EMP with adequate budget provision
7. CER with monitorable physical target as per norms of the MoEF& CC as per OM No.22- 65/2017-IA.III dated 30/09/2020 of MoEF & CC, GOI
8. Recently certified legible survey map from the Village Office
9. Recent cluster certificate
10. Final layout plan
11. Clarification regarding the name of the EC holder
12. Cover letter in the name of EC holder
13. Recently monitored environment quality data

Based on discussions, the Committee decided to direct the Proponent to submit the above 12 additional documents/details.

2. SIA/KL/MIN/196664/2021 , 1970/EC2/2022/SEIAA

The Granite Building Stone Quarry (Minor Mineral) mining project of SEBASTIAN K JOHN situated at Survey Nos. 429/7 & 429/8 of Mylam Village, Kottarakkara Taluk, Kollam

Decision: The committee examined the proposal and observed that an EC dated 16.3.2018 was issued to Mr. Sebastian K John. with validity of 3 years for quarrying granite building stone of 1,20,688 MT from an area of 0.9460 Ha during the mine life of 3 years. Considering

the covid extension up to 31.3.2021, the date of submission of application, 5.2.2021 for extension of EC is in order. The application was received at SEAC on 4.12.2022. The Committee verified the documents and observed that the following additional documents are required for carrying out the appraisal.

1. Certified Mine Plan
2. Scheme of mining or certificate from the Mining & Geology department regarding the resource extracted so far and balance resource available for extraction
3. Certified compliance report from MoEF&CC, Regional office, Bangalore
4. KML file of the site
5. Site map overlaid on the Hazard zonation map
6. EMP with adequate budget provision
7. CER with monitorable physical target as per norms of the MoEF& CC as per OM No.22- 65/2017-IA.III dated 30/09/2020 of MoEF & CC, GOI
8. Recently certified legible survey map from the Village Office
9. Recent cluster certificate
10. Recently monitored environmental quality data

Based on discussions, the Committee decided to direct the Proponent to submit the above additional documents/details.

3. SIA/KL/MIN/256773/2022 , No.A/2547/17/DEIAA

Extension for Environmental Clearance for Granite Building Stone Quarry of Mr. Davy Stephen in Survey No: 47/15, 48/3 of Bellur Village, Kasaragod Taluk, Kasaragod.

Decision: The committee examined the proposal and observed that an EC dated 28.9.2017 was issued to Mr. Davi Stephen without mentioning the period of validity of EC. The EC was issued based on Mine Plan approved on 3.2.2017 with production plan for 5 years and life of mine of 6 years which indicated a mineable reserve of 3,38,125 MT. The PP got another Mine Plan approved on 27.4.2021 in which it is stated that the mined out quantity is 1,19,820 MT during four years upto 2020-21 and the balance quantity of 2,18,154 MT will be extracted

during 6 years from 2021-22 to 2026-26. The PP continued mining and submitted an application for extension of EC on 15.2.2022 which has come to the consideration of SEAC on 4.12.2022. The Committee verified the documents and observed that the following additional documents are required for carrying out the appraisal.

1. Certificate from the Mining & Geology department regarding the resource extracted so far and balance resource available for extraction
2. Certified compliance report from MoEF&CC, Regional office, Bangalore
3. KML file of the site
4. Site map overlaid on the Hazard zonation map
5. EMP with adequate budget provision
6. CER with monitorable physical target as per norms of the MoEF& CC as per OM No.22- 65/2017-IA.III dated 30/09/2020 of MoEF & CC, GOI
7. Recently certified legible survey map from the Village Office
8. Recent cluster certificate
9. Recently monitored environmental quality data
10. Reponse of the PP to the Complaints received on the quarry from Sri. Sarvesh Rai on 19.07.2022, Sri. Alikunhi D D on 16.09.2022, and the Action Committee on 30.09.2022 (PP shall be provided with copies of the various complaints)
11. Clarification from the PP whether the EC of M/s.Star Granites, Kinningar, Kasargod is in his name or whether he has any partnership with the firm owning and operating M/s. Star rocks

Based on discussions, the Committee decided to direct the Proponent to submit the above additional documents/details.

4. SIA/KL/MIN/286560/2022 , 2565/A2/2019/SEIAA

Environmental Clearance for the extension for the removal of Ordinary Earth project over an area of 0.4047 Ha in survey no.433/2 (Older Sy.No. 26/1) of Kaduthuruthi Village, Vaikom Taluk, Kottayam District.(Fresh application for extension)

Decision: The Committee examined the proposal and observed that an EC dated 4.8.2020 was

issued to Mr. Joby Joseph with period of validity of EC upto 3.2.2021. The EC was issued based on Letter of Intent from the Mining & Geology Department and no Mine Plan was submitted. The PP submitted an application for extension of EC offline on 7.1.2021 and online on 1.8.2022 online as advised by the SEIAA. The application is referred to SEAC on 4.12.2022. The Committee verified the documents and observed that there are buildings including a church office within 5.10m and road at 17m from the proposed site which is against the norms applicable. **So, the committee decided to reject the proposal.**

5. SIA/KL/MIN/42746/2019, 1416/EC1/2019/SEIAA

Modification of EC Application of Granite Building Stone Quarry of M/s. Adani Vizhinjam Port Private Limited, over an extent of 1.1081 Ha. (2.7381 Acres) Re Survey Block. No.29, Re-Survey No. 120/10, Manickal Village, Nedumangad Taluk, Thiruvananthapuram District (Fresh application for extension)

Decision: The committee examined the proposal and discussed it in detail and decided to entrust Er. Dileepkumar and Dr.R. Ajayakumar Varma for field inspection and report.

CONSIDERATION OF TOR PROPOSALS

1. SIA/KL/MIN/83134/2022 , 2134/EC2/2022/SEIAA

Application for Terms of reference for Granite (Building stone)quarry in Re Survey No. 302,305/1 in Vengapally Village , Vythiri Taluk, Wayanad

Decision: The Committee examined the proposal and observed that the site is located in an environmentally sensitive area. The project boundary is found passing through a road. There are many houses located within 200m radius of the site. There area also many abandoned pits around the proposed site. The Malabar Wildlife Sanctuary is located at a distance of around 5km. Considering the environmental sensitivity of the location, **the Committee decided to hear the PP prior to issuance of ToR. Therefore, the Committee decided to invite the PP for presentation.**

2. 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 Authority noted that the SEAC in its 131st meeting decided to approve the ToR submitted by the Project Proponent for conducting environmental impact assessment studies and for submitting the EIA report and EMP for expansion along with damage assessment and Remedial and Natural and Community Resources Augmentation Plan. The Authority observed that the regularization of violation and expansion are to be considered separately. Hence proponent has to apply for regularization of violation committed vide EIA 2006. The proponent has to submit an undertaking that he will not undertake any construction before getting environmental clearance. On completing the process and after obtaining EC for existing BUA, he may apply for expansion. Authority decided to direct the proponent to apply for regularization of existing violation only as per OM F.No. 22-2112020-IA.III [E138949] dated 28.01 .2022) . Authority also decided to inform the above position to SEAC for necessary follow up action. The Committee noted the decision of the Authority and direction to the Project Proponent.

PART 6

CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE

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

Application for the Building Stone Mine (Quarry) project of Mr. V.Sudhakaran at Block No. 4, Re Survey 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, ThiruvananthapuramDistrict, Kerala for an area of 1.7230 hectares (Additional Documents Received)

Decision: The Committee examined the proposal, discussed the field inspection report and verified the additional documents submitted. The proposal is to mine granite building stone from an area of 1.723 Ha of land with production rate of 51,000 TPA for a mine life of 10 years. The depth to the water table as per the application is 5m below ground level and the lowest ground level in the proposed area is 45m above MSL. The survey map submitted by the Proponent on 30.10.2020 and 25.4.2022 in response to repeated directions were not legible. A legible survey map was submitted only on 12.12.2022.

The Committee in its 129th meeting observed that the proposed area is in the Mookkunnimala region, where the environmental fragility is a serious concern due to haphazard mining in the past. There are defence installations in the area and executive and judicial interventions with respect to permission for mining. Therefore, the Committee sought clarification from the Legal Officer, SEIAA and the District Administration, Thiruvananthapuram regarding legal issues and prohibition for mining/quarrying, if any. The Committee in its 134th meeting perused the Legal Opinion and Report from the District Collector. Based on this, the Committee observed that there is no prohibition on mining in the proposed survey numbers and the Air Force Station at Mukkunnimala is located 1.5km from the proposed site. .

As per the field inspection report, there are 27 houses within 200m radius, the nearest being at 88m. As per the Survey Map, there is a Crusher at 16.1m and a house at a distance less than 50m (Exact distance to the building is not marked in the map). As per precautionary principle, it is not desirable to have such structures very close to the mines considering the impact due to the blasting, increase in vibration and noise levels, escalation of pollution load, terrain fragility etc. Therefore, the Committee has not been favourable to have any built structures within 50m distance of the quarries where mining is done by blasting. Accordingly, the Committee has been recommending the distance norm of 50m between the mine and built structures as stipulated in KMMCR, 2017, amended as per SRO No.346/2017 dated 22.6.2017 and extending the norm to structures such as crusher and buildings in addition to residential houses. The Committee was also not in favour of exempting the distance norm for own leased building as per the circular issued by the State Pollution Control Board dated 25.11.2021. However, in the present case, the proponent has not been notified about extending the norm in the case of crusher at any stage of

processing of his application. In the circumstance, the Committee felt it desirable to recommend environmental clearance to the project subject to the readiness of the Proponent to relocate the crusher to comply with the distance norm or maintain a buffer of 50m between the crusher and active boundary of the mine.

Subject to this, the Committee decided to recommend environmental clearance for the project with proposed mine life of 10 years with following specific conditions, in addition to the general condition.

1. Proponent shall relocate the crusher to comply with the distance norm or maintain a buffer of 50m between the crusher and active boundary of the mine.
2. Considering the depth to water table as mentioned in Form 2, the depth of mining shall be limited to 40m above MSL instead of 25m above MSL. Appropriate modification in the mine plan shall be made under authentication from the Mining & Geology Department.
3. A temporary wall of height 2.5m shall be erected at the boundary connecting BP6-BP7-BP8-BP9-BP10.
4. Impact vibration due to blasting shall be monitored at the built structures up to 100m in terms of peak particle velocity and amplitude for maximum charge per delay and the result should be submitted along with HYCR.
5. Green belt shall be developed and nurtured all along the buffer zone and geo-tagged photographs showing the status should be submitted along with HYCR. It should be initiated prior to the commencement of mining.
6. Compensatory afforestation shall be done by planting trees, climbers and herbs of local species and geo-tagged photographs showing the status should be submitted along with HYCR. It should be initiated prior to the commencement of mining.
7. Drainage management system incorporating garland canal, silt traps, siltation ponds, outflow channel connecting to natural drain shall be in place prior to the commencement of mining.
8. Garland canal, silt traps, siltation ponds and outflow channel shall be desilted and cleaned periodically to sustain the carrying capacity and geo-tagged photographs of the process should be submitted along with HYCR.

9. The recurring expenditure required for implementation of EMP and CER is earmarked only up to 5th year. It shall be extended to the entire life of mine up to the completion of mine closure plan.
10. The overburden dumping site shall be protected with gabion walls.
11. Transportation of mined material shall not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).
12. The haulage road shall be maintained well and dust-free with sprinkling arrangement.
13. Adequate sanitation, waste management, and rest room facilities shall be provided to the workers.
14. Adequate energy conservation measures proposed shall be implemented including solar power installations for street lights and office.
15. The Environment Management Cell (EMC) shall include an Environment expert and the proceedings of the monthly meeting of the Environment Management Cell (EMC) should be submitted along with the HYCR.

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

'Granite Building Stone Quarry of Shri. K. M. Stephen' over an extent of 4.9003 Ha. at Re-Sy Block. No: 37, Re-Sy. Nos. 399/2, 399/2-1, 399/2-2, 399/2-3, 399/3, 745/2, 745/3, 745/4, 745/5, 745/7, 745/8, 745/9, 745/10, 745/11, 745/12, 745/13, 745/14, 746/1, 746/2, 746/2-1 in Karimannur Village, Thodupuzha Taluk, Idukki District, Kerala (Rejected and after reconsideration the proposal was recommended by 133rd SEAC meeting)

Writ petition (WP(C) No.36171/2022) was filed by Sri. Vincent K. George.

Decision: The Committee examined the proposal and verified the documents submitted by the proponent and found that the proposal was recommended to be rejected in the 127th meeting of SEAC due to non-compliance of distance to built structures. The Authority accepted the decision of SEAC in its 114th meeting. Now the Village Officer as per the Certificate dated 30.07.2022 intimated that the buildings in the project area are demolished and there are no houses within 50m distance of the buffer zone area. In the circumstance the PP resubmitted the application afresh. The total mineable reserve is 18,99,912 MT, life of mine proposed is 13

years, distance to nearest built structure is 56 m. However, it is understood from the mine plan that after 5 years of mining, the bottom most bench will be at 95 m above MSL and hence may intercept the phreatic water table of the area at around 97m above MSL leading to likelihood of affecting open wells in the down side of project area. The EMP submitted is also envisaged for five years. In the circumstance, in continuation to the decision of the 133rd SEAC, **the Committee decided to recommend issuance of EC for a period of 5 years subject to the following specific conditions in addition to the general conditions:**

1. The mining should be limited to the depth of 95m above MSL considering the depth to water table reported as 97m above MSL.
2. Blasting should be conducted with a maximum of 30 holes in a blast round using 32mm diameter blast holes drilled with handheld Jack hammer drill to a maximum depth of 1.5m and each hole charged with a maximum of 250gm of explosive.
3. Nonel based shock-tube detonators should be used for initiation so as to have hole to hole delay of 17ms and 25ms and accordingly row to row delay of 25ms or 42ms.
4. Adequate muffling arrangement should be made to restrict fly rocks within 10m.
5. 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.
6. The garland canal, silt traps, siltation pond and outflow channel covering the entire project area should be provided with immediate effect. The outflow channel should be connected to the nearest natural drain.
7. The siltation pond should be set up at the bottom portion of the site so as to prevent outflow of turbid water.
8. The proponent should periodically clean and maintain the garland canal, silt traps, outflow channel and connected drains and geo-tagged photographs of the activity should be submitted along with Half Yearly Compliance Reports.
9. The garland canal, catchwater drains, silt traps, water holding and clarifier pond and outflow channel should be cleaned and desilted periodically and geo-tagged photographs of the process should be included in the Half Yearly Compliance Report.

10. Overburden dumping site should be provided with protective walls in the lower slope portion of the project area and overburden dump should be protected with retention wall of appropriate height.
11. Planting of trees of local species on both sides of the road within the project site should be completed prior to commencement regular mining.
12. The green belt should be developed and nurtured on a regular basis and the status of the green belt should be uploaded along with geo-tagged photographs in the HYCR
13. Compensatory afforestation should be done with indigenous species of trees as mentioned in the biodiversity in the land earmarked for the purpose. The geo-tagged photographs of the compensatory afforestation site should be uploaded along with the HYCR.
14. Environment Management Cell (EMC) should include one subject expert in environment management. The proceedings of the monthly meeting of the EMC should be submitted along with the HYCR
15. Transportation of mined material should not be done during the peak hours in the forenoon (8.30am to 10.30am) and afternoon (3.30pm to 5 pm).
16. Adequate sanitation, waste management and rest room facilities should be provided to the workers
17. Adequate energy conservation measures should be implemented including solar power installations
18. The overburden material should be stored at the designed place and the height of the retaining wall should be raised appropriately for protecting the overburden stock.
19. It is desirable to erect a temporary barrier with light roofing material covering the boundary of the project area connecting Boundary Pillar No. 5,4,3,2,1,21,20,19,18,17 and 16.

The EC shall be issued subject to the verification of the complaint from Sri. Vincent K. George, intimating that the PP has submitted documents by suppressing the facts.

3. SIA/KL/MIN/408621/2022, 1748/EC1/2020/SEIAA]

Proposed Granite (Building Stone) Quarry in Block No: 25 Re-Survey Nos. 191/1-3, 192/1-4, 192/1-3, 192/2, 193/20, 193/20-1, 180/4, 180/3- 1, 180/3-2 in Perumkadavila Village, Neyyattinkara Taluk, Thiruvananthapuram District, Kerala (Re-uploading of previous file SIA/KL/MIN/162661/2020)

Decision: The committee examined the proposal in detail and observed that the EMP has to be revised by incorporating site specific mitigation measures and by earmarking adequate fund. The activities that has to be incorporated in under the project cost has to be removed from the EMP. **The committee decided to invite the proponent for presentation.**

The offline meeting ended at 5.00 pm on 9th December 2022 and online meeting ended at 5pm on 17.12.2022.

It is decided to convene the next meeting of SEAC from 9th to 11th January 2022.

Sd/

**Suneel Pamidi, IFS
Secretary, SEAC**

Sd/

**Dr.Ajayakumar Varma
Chairman, SEAC**

Sl.No.	Name	07.12.2022	08.12.2022	09.12.2022	14.11.22	17.11.22
1.	Shri. Sheik Hyder Hussain	✓	✓	✓	✓	✓
2.	Dr.A.Bijukumar.	X	X	X	X	X
3.	Dr.A.N.Manoharan	✓	✓	✓	✓	✓
4.	Shri. M.Dileepkumar	✓	✓	✓	X	✓
5.	Smt. Beena Govindan	✓	✓	✓	✓	✓
6.	Dr.C.C.Harilal	✓	✓	✓	X	X
7.	Dr.K.VasudevanPillai	✓	✓	✓	✓	✓
8.	Dr.MaheshMohan	✓	✓	✓	✓	X
9.	Dr.K.N.Krishna kumar	✓	✓	✓	✓	✓
10.	V.Gopinathan	✓	✓	✓	✓	✓
11.	Dr.A.V.Raghu	✓	✓	X	✓	✓
12.	Dr.N.Ajithkumar	X	✓	✓	✓	✓
13.	Shri.Suneel Pamidi,IFS (Secretary)	X	✓	✓	✓	✓
14.	Dr.R.Ajayakumar Varma (Chairman)	✓	✓	✓	✓	✓