

MINUTES

616th MEETING

**STATE LEVEL ENVIRONMENT IMPACT
ASSESSMENT AUTHORITY-TAMIL NADU**

Date: 10.05.2023

**MINUTES OF THE 616th MEETING OF THE STATE LEVEL ENVIRONMENT IMPACT
ASSESSMENT AUTHORITY HELD ON 10.05.2023.**

Agenda No	Description	File No.	Minutes
a)	Confirmation of the minutes of the 615 th meeting of the Authority held on 08.05.2023 & 09.05.2023.		The minutes of the 615 th meeting of the Authority held on 08.05.2023 & 09.05.2023 was confirmed.
b)	The Action taken on the decisions of the 615 th meeting of the Authority held on 08.05.2023 & 09.05.2023.		The Member Secretary informed that 615 th Minutes uploaded in Parivesh website and action taken report will be putup ensuing meeting.
1.	Existing Residential Apartment Building complex in S.F.No. 375/5B (Pt), 376/1B (Pt), 376/2B (Pt), 377/3 (Pt) of Keeranatham Village, Annur Taluk, Coimbatore District, Tamil Nadu by M/s. KGISL Technologies and Infrastructures Private Limited - For Environmental Clearance under violation	372	<p>The proposal was placed in the 369th SEAC Meeting held on 20.04.2023.</p> <p>Based on the presentation and document furnished by the project proponent, SEAC decided to obtain the following additional particulars from the proponent:</p> <ul style="list-style-type: none"> i) To revise the ecological damage assessment as per CPCB Guidelines. ii) Actual Data pertaining to the Water usage and Ground Water recharge and Ground Water Table. iii) Minimum 50% of Roof Area must be covered with Solar Panels. iv) Enumeration of Trees within the Green Belt Area. v) Revised EMP shall be submitted. <p>Meanwhile, the SEAC decided to constitute a sub-committee to make on-site inspection to assess the present status of the proposed project, environmental settings and to assess ecological damage assessment whether it is being carried out in accordance with</p>



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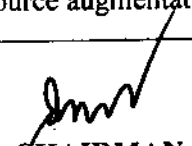

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			<p>CPCB Guidelines, remediation plan, natural resource augmentation and community resource augmentation. After the receipt of the additional details from the proponent and the evaluation report by the Subcommittee, the SEAC will deliberate on the issue of Environmental Clearance under violation category. SEAC also decided to request SEIAA-TN to initiate action under Sec. 19 of the Environment (Protection) Act, to be taken for violation cases, in accordance with law.</p> <p>In view of the above, the authority accepts the decision of SEAC and decided to request the Member Secretary, SEIAA to communicate the SEAC minutes to the project proponent held on 20.04.2023 and the State Government/TNPCB against project proponent under the provisions of Section 19 of the Environment (Protection) Act, 1986 as per the EIA Notification dated: 14.03.2017 and amended 08.03.2018.</p>
2.	Existing Limestone Quarry over an Extent of 3.15.0 Ha located at S.F.No. 806/5 &6, 807/3 of Thennilai Village, Kadavur Taluk, Karur District, Tamil Nadu by Thiru. E. Dhanapal - For Environmental Clearance under violation	6122	<p>The proposal was placed in the 369th SEAC Meeting held on 20.04.2023.</p> <p>Based on the presentation made by the proponent, SEAC decided to call for additional details.</p> <ol style="list-style-type: none"> 1. To revise the ecological damage assessment as per CPCB Guidelines. 2. To Develop Green belt. <p>Meanwhile, the SEAC decided to constitute a sub-committee to make on-site inspection to assess the present status of the proposed project, environmental settings and to assess ecological damage assessment whether it is being carried out in accordance with CPCB Guidelines, remediation plan, natural resource augmentation and community resource augmentation.</p>


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			<p>After the receipt of the additional details from the proponent and the evaluation report by the Subcommittee, the SEAC will deliberate on the issue of Environmental Clearance under violation category. SEAC also decided to request SEIAA-TN to initiate action under Sec. 19 of the Environment (Protection) Act, to be taken for violation cases, in accordance with law.</p> <p>In view of the above, the authority accepts the decision of SEAC and decided to request the Member Secretary, SEIAA to communicate the SEAC minutes to the project proponent held on 20.04.2023 and the State Government/TNPCB against project proponent under the provisions of Section 19 of the Environment (Protection) Act, 1986 as per the EIA Notification dated: 14.03.2017 and amended 08.03.2018.</p>
3.	Existing Rough Stone and Gravel Quarry over an Extent of 2.63.0 Ha located at S.F.No. 202/1(P) & 202/2(P) of Ekkattampalayam Village, Perundurai Taluk, Erode District, Tamil Nadu by Thiru. P. Mahendran – For Extension of validity of Environmental Clearance	6241	<p>The proposal was placed in the 369th SEAC Meeting held on 20.04.2023.</p> <p>During the meeting the PP requested for additional time to submit the details for the appraisal, hence SEAC decided to defer the proposal.</p> <p>In the view of the above, SEIAA accepts the decision of SEAC and decided to request Member Secretary to communicate the minutes of 369th SEAC held on 20.04.2023 to the project proponent.</p>
4.	Existing Lime Stone Mine lease over an extent of 0.24.29Ha at S.F.No.644/4(Part) of Sirungudi Village, Natham Taluk, Dindigul District, Tamil Nadu by M/s. Sivam Mines – For Environmental Clearance under violation	6255	<p>The proposal was placed in the 369th SEAC Meeting held on 20.04.2023.</p> <p>Based on the presentation made by the proponent, SEAC decided to call for additional details</p> <ol style="list-style-type: none"> To revise the ecological damage assessment as per CPCB Guidelines.


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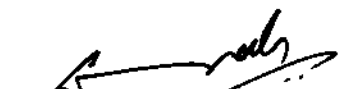
			<p>Meanwhile, the SEAC decided to constitute a sub-committee to make on-site inspection to assess the present status of the proposed project, environmental settings and to assess ecological damage assessment whether it is being carried out in accordance with CPCB Guidelines, remediation plan, natural resource augmentation and community resource augmentation. After the receipt of the additional details from the proponent and the evaluation report by the Sub-committee, the SEAC will deliberate on the issue of Environmental Clearance under violation category. SEAC also decided to request SEIAA-TN to initiate action under Sec. 19 of the Environment (Protection) Act, to be taken for violation cases, in accordance with law.</p> <p>In view of the above, the authority accepts the decision of SEAC and decided to request the Member Secretary, SEIAA to communicate the SEAC minutes to the project proponent held on 20.04.2023 and the State Government/TNPCB against project proponent under the provisions of Section 19 of the Environment (Protection) Act, 1986 as per the EIA Notification dated: 14.03.2017 and amended 08.03.2018.</p>
5.	Existing Limestone Mine lease over an Extent of 4.08.5Ha in S.F.Nos.403/1A, 2, 3, 404/1, 2A, 2B1, 2B2, 2B3, 2B4, 405, 406/1, 2, 407/1A, 1B2/1, 1B2/2, 408/1A, 1B, 1C, 2, 3, 409/1, 2A & 2B of Abishekapatti Village of Tirunelveli Taluk, Tirunelveli District, Tamil Nadu by M/s. Sree	6563	<p>The proposal was placed in the 369th SEAC Meeting held on 20.04.2023.</p> <p>Based on the presentation made by the proponent, SEAC decided to call for additional details.</p> <ol style="list-style-type: none"> 1. To revise the ecological damage assessment as per CPCB Guidelines. 2. Submit the details of the school to carry out CER activity.


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	<p>Ganapathi Mines – For Environmental Clearance under violation</p>		<p>Meanwhile, the SEAC decided to constitute a sub-committee to make on-site inspection to assess the present status of the proposed project, environmental settings and to assess ecological damage assessment whether it is being carried out in accordance with CPCB Guidelines, remediation plan, natural resource augmentation and community resource augmentation. After the receipt of the additional details from the proponent and the evaluation report by the Sub-committee, the SEAC will deliberate on the issue of Environmental Clearance under violation category. SEAC also decided to request SEIAA-TN to initiate action under Sec. 19 of the Environment (Protection) Act, to be taken for violation cases, in accordance with law.</p> <p>In view of the above, the authority accepts the decision of SEAC and decided to request the Member Secretary, SEIAA to communicate the SEAC minutes to the project proponent held on 20.04.2023 and the State Government/TNPCB against project proponent under the provisions of Section 19 of the Environment (Protection) Act, 1986 as per the EIA Notification dated: 14.03.2017 and amended 08.03.2018.</p>
<p>6.</p>	<p>Proposed Limestone Mine lease over an extent of 1.11.0 Ha at S.F.Nos. 1101/2B, 1101/4, 1101/5, 1101/3B & 1101/6B of Thenmalai Village, Sivagiri Taluk, Tirunelveli District, Tamil Nadu by M/s. JanathaCem Industries Limited - for Environmental Clearance.</p>	<p>6523</p>	<p>The Authority noted that this proposal was placed for appraisal in this 369th Meeting of SEAC held on 20.04.2023.</p> <p>Based on the presentation made and documents furnished by the project proponent, the SEAC decided to constitute a Sub Committee to make an on-site inspection to assess the present status of the project site and environmental settings as the proposal falls under</p>


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violation category and submit the report along with the recommendations to the Committee.

Further the Committee called for the following additional details:

1. A letter from the Project Proponent justifying that the project activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006, as amended.
2. Copy of approved review of scheme of mining plan by the competent authority of the Dept of Geology and Mining for the proposed period of quarrying.
3. The PP shall furnish the copy of receipt of the penalty levied by the Dept of Geology and Mining for the exploitation of mineral without prior EC.

Meanwhile, the SEAC decided to constitute a sub-committee to make on-site inspection to assess the present status of the proposed project, environmental settings and to assess ecological damage assessment whether it is being carried out in accordance with CPCB Guidelines, remediation plan, natural resource augmentation and community resource augmentation. After the receipt of the additional details from the proponent and the evaluation report by the Sub-committee, the SEAC will deliberate on the issue of Environmental Clearance under violation category. SEAC also decided to request SEIAA-TN to initiate action under Sec. 19 of the Environment (Protection) Act, to be taken for violation cases, in accordance with law.


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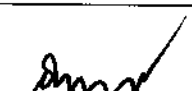

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			In view of the above, the authority accepts the decision of SEAC and decided to request the Member Secretary, SEIAA to communicate the SEAC minutes to the project proponent held on 20.04.2023 and the State Government/TNPCB against project proponent under the provisions of Section 19 of the Environment (Protection) Act, 1986 as per the EIA Notification dated: 14.03.2017 and amended 08.03.2018.
7.	Existing Construction of Super Specialty Block at T.S. No. 525/1 & 2, Block 12 of North Madurai Village, South Madurai Taluk, Madurai District, Tamil Nadu by M/s. Government Rajaji Hospital – For Environmental Clearance under violation	3360	<p>The authority noted that this proposal was placed for appraisal in 369th meeting of SEAC held on 20.04.2023 and the SEAC decided to constitute a sub-committee to make on-site inspection to assess the present status of the proposed project, environmental settings and to assess ecological damage assessment whether it is being carried out in accordance with CPCB Guidelines, remediation plan, natural resource augmentation and community resource augmentation. After the receipt of the additional details from the proponent and the evaluation report by the Sub-committee, the SEAC will deliberate on the issue of Environmental Clearance under violation category. SEAC also decided to request SEIAA-TN to initiate action under Sec. 19 of the Environment (Protection) Act, to be taken for violation cases, in accordance with law.</p> <p>In view of the above, the Authority decided to request Member Secretary, SEIAA to communicate the SEAC minutes to the project proponent. And also requested to initiate action against the proponent under Sec. 19 of the Environment (Protection) Act.</p>
8.	Existing Magnesite mine lease over an extent of 3.23.7 Ha at S.F. No.	6223	The authority noted that this proposal was placed for appraisal in 369 th meeting of SEAC held on 20.04.2023


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<p>55/1, Moongilpadi Village, Omalur Taluk, Salem District, Tamil Nadu by Thiru A. Kesavan – for Environmental Clearance under violation</p>	<p>and the SEAC decided to constitute a sub-committee to make on-site inspection to assess the present status of the proposed project, environmental settings and to assess ecological damage assessment whether it is being carried out in accordance with CPCB Guidelines, remediation plan, natural resource augmentation and community resource augmentation. After the receipt of the additional details from the proponent and the evaluation report by the Sub-committee, the SEAC will deliberate on the issue of Environmental Clearance under violation category. SEAC also decided to request SEIAA-TN to initiate action under Sec. 19 of the Environment (Protection) Act, to be taken for violation cases, in accordance with law.</p> <p>In view of the above, the Authority decided to request Member Secretary, SEIAA to communicate the SEAC minutes to the project proponent. And also requested to initiate action against the proponent under Sec. 19 of the Environment (Protection) Act.</p>
<p>9. Existing Limestone mine lease over an extent of 1.70.0 Ha at S.F.No. 693/1,2,3,4 & 7, Sirugudi Village, Natham Taluk, Dindigul District, Tamil Nadu by M/s. Sivam Mines – for Environmental Clearance under violation</p>	<p>6251 The authority noted that this proposal was placed for appraisal in 369th meeting of SEAC held on 20.04.2023 and the SEAC decided to constitute a sub-committee to make on-site inspection to assess the present status of the proposed project, environmental settings and to assess ecological damage assessment whether it is being carried out in accordance with CPCB Guidelines, remediation plan, natural resource augmentation and community resource augmentation. After the receipt of the additional details from the proponent and the evaluation report by the Sub-committee, the SEAC will deliberate on the issue of</p>


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			<p>Environmental Clearance under violation category. SEAC also decided to request SEIAA-TN to initiate action under Sec. 19 of the Environment (Protection) Act, to be taken for violation cases, in accordance with law.</p> <p>In view of the above, the Authority decided to request Member Secretary, SEIAA to communicate the SEAC minutes to the project proponent. And also requested to initiate action against the proponent under Sec. 19 of the Environment (Protection) Act.</p>
10.	Existing Limestone mine lease over an extent of 1.92.6 Ha at S.F.No.1100/6A, 1100/7, 1100/8, 1102/1 & 1102/2B of Thenmalai Village, Sivagiri Taluk, Tirunelveli District, Tamil Nadu by M/s. JanathaCem Industries Limited – for Environmental Clearance under violation	6524	<p>The authority noted that this proposal was placed for appraisal in 369th meeting of SEAC held on 20.04.2023 and the SEAC decided to constitute a sub-committee to make on-site inspection to assess the present status of the proposed project, environmental settings and to assess ecological damage assessment whether it is being carried out in accordance with CPCB Guidelines, remediation plan, natural resource augmentation and community resource augmentation.</p> <p>After the receipt of the additional details from the proponent and the evaluation report by the Sub-committee, the SEAC will deliberate on the issue of Environmental Clearance under violation category. SEAC also decided to request SEIAA-TN to initiate action under Sec. 19 of the Environment (Protection) Act, to be taken for violation cases, in accordance with law.</p> <p>In view of the above, the Authority decided to request Member Secretary, SEIAA to communicate the SEAC minutes to the project proponent. And also requested to initiate action against the proponent under Sec. 19 of the Environment (Protection) Act.</p>


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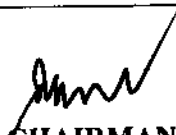

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11.	Existing Black Granite Quarry lease over an extent of 1.01.0 Ha at S.F.No.431/3, 431/4D5, 431/4D6, 431/4D8, 431/4D9, 431/4D10 & 431/4F, Agaram Village, Krishnagiri Taluk, Krishnagiri District, Tamil Nadu by Thiru. P. Arunraja - for Environmental Clearance under violation	6538	<p>The authority noted that this proposal was placed for appraisal in 369th meeting of SEAC held on 20.04.2023 and the SEAC decided to constitute a sub-committee to make on-site inspection to assess the present status of the proposed project, environmental settings and to assess ecological damage assessment whether it is being carried out in accordance with CPCB Guidelines, remediation plan, natural resource augmentation and community resource augmentation. After the receipt of the additional details from the proponent and the evaluation report by the Sub-committee, the SEAC will deliberate on the issue of Environmental Clearance under violation category. SEAC also decided to request SEIAA-TN to initiate action under Sec. 19 of the Environment (Protection) Act, to be taken for violation cases, in accordance with law.</p> <p>In view of the above, the Authority decided to request Member Secretary, SEIAA to communicate the SEAC minutes to the project proponent. And also requested to initiate action against the proponent under Sec. 19 of the Environment (Protection) Act.</p>
12.	Existing Lime stone Mine Lease over an extent of 0.94.5Ha at S.F.No.630/1A, 1B, 2, 631/10 & 631/11 of Sirungudi Village, Natham Taluk, Dindigul District, Tamil Nadu by M/s. Sivam Mines Represented by Thiru. S. Ilangoan (Managing Partner) - For Environmental Clearance under Violation	6252	<p>The Authority noted that this proposal was placed for appraisal in this 369th Meeting of SEAC held on 20.04.2023 and the SEAC decided to constitute a SUB COMMITTEE to make an on-site inspection to assess the present status of the project site and environmental settings as the proposal falls under violation category and submit the report along with the recommendations to the Committee.</p> <p>Further the Committee called for the following additional details:</p>


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1. A letter from the Project Proponent justifying that the project activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006, as amended.
2. Valid mine plan approved by the competent authority for the proposed period of quarrying.
3. The PP shall furnish the copy of receipt of the penalty levied by the Dept of Geology and Mining for the exploitation of mineral without prior EC.
4. The PP shall obtain NOC from DFO, Dindigul District in regard to Kadavur Slender Loris Sanctuary.

Meanwhile, the SEAC decided to constitute a sub-committee to make on-site inspection to assess the present status of the proposed project, environmental settings and to **assess ecological damage assessment whether it is being carried out in accordance with CPCB Guidelines**, remediation plan, natural resource augmentation and community resource augmentation. After the receipt of the additional details from the proponent and the evaluation report by the Sub-committee, the SEAC will deliberate on the issue of Environmental Clearance under violation category. SEAC also decided to request SEIAA-TN to initiate action under Sec. 19 of the Environment (Protection) Act, to be taken for violation cases, in accordance with law.

In view of the above, the authority decided to request the Member Secretary, SEIAA to communicate the SEAC minutes to the project proponent held on 20.04.2023



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13.	Existing Limestone Quarry over an Extent of 2.63.0Ha located at S.F.No.1100/9, 1101/8, 1101/9, 1101/10, 1102/5C, 1103/3A, 3B(P)& 1104, Thenmalai Village, Sivagiri Taluk, Tirunelveli District, Tamil Nadu by M/s. Janatha Cem Industries Limited represented by Thiru. T. Venkatarajgopalan – For Environmental Clearance under Violation	6525	<p>The Authority noted that this proposal was placed for appraisal in this 369th Meeting of SEAC held on 20.04.2023 and the SEAC decided to constitute a SUB Committee to make an on-site inspection to assess the present status of the project site and environmental settings as the proposal falls under violation category and submit the report along with the recommendations to the Committee.</p> <p>Further the Committee called for the following additional details:</p> <ol style="list-style-type: none"> 1. A letter from the Project Proponent justifying that the project activity is covered under Category “B2” of Item 1(a) “Mining of Minerals Projects” of the Schedule to the EIA Notification, 2006, as amended. 2. Valid mine plan approved by the competent authority for the proposed period of quarrying. 3. The PP shall furnish the copy of receipt of the penalty levied by the Dept of Geology and Mining for the exploitation of mineral without prior EC. <p>Meanwhile, the SEAC decided to constitute a sub-committee to make on-site inspection to assess the present status of the proposed project, environmental settings and to assess ecological damage assessment whether it is being carried out in accordance with CPCB Guidelines, remediation plan, natural resource augmentation and community resource augmentation. After the receipt of the additional details from the proponent and the evaluation report by the Sub-committee, the SEAC will deliberate on the issue of Environmental Clearance under violation category. SEAC also decided to request SEIAA-TN to initiate</p>
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			<p>action under Sec. 19 of the Environment (Protection) Act, to be taken for violation cases, in accordance with law.</p> <p>In view of the above, the authority decided to request the Member Secretary, SEIAA to communicate the SEAC minutes to the project proponent held on 20.04.2023</p>
14.	Existing Limestone Quarry over an Extent of 0.58.5 Ha located at S.F.No.1100/9, 1101/8, 1101/9, 1101/10, 1102/5C, 1103/3A, 3B(P) & 1104, Thenmalai Village, Sivagiri Taluk, Tirunelveli District, Tamil Nadu by M/s. Renuka Chemicals- For Environmental Clearance under Violation	6532	<p>The Authority noted that this proposal was placed for appraisal in this 369th Meeting of SEAC held on 20.04.2023 and the SEAC decided to constitute a SUB committee to make an on-site inspection to assess the present status of the project site and environmental settings as the proposal falls under violation category and submit the report along with the recommendations to the Committee.</p> <p>Further the Committee called for the following additional details:</p> <ol style="list-style-type: none"> 1. A letter from the Project Proponent justifying that the project activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006, as amended. 2. Valid mine plan approved by the competent authority for the proposed period of quarrying. 3. The PP shall furnish the copy of receipt of the penalty levied by the Dept of Geology and Mining for the exploitation of mineral without prior EC. <p>Meanwhile, the SEAC decided to constitute a sub-committee to make on-site inspection to assess the present status of the proposed project, environmental settings and to assess ecological damage assessment</p>


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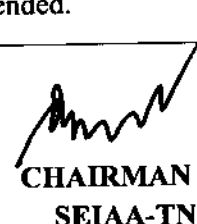

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			<p>whether it is being carried out in accordance with CPCB Guidelines, remediation plan, natural resource augmentation and community resource augmentation.</p> <p>After the receipt of the additional details from the proponent and the evaluation report by the Sub-committee, the SEAC will deliberate on the issue of Environmental Clearance under violation category. SEAC also decided to request SEIAA-TN to initiate action under Sec. 19 of the Environment (Protection) Act, to be taken for violation cases, in accordance with law.</p> <p>In view of the above, the authority decided to request the Member Secretary, SEIAA to communicate the SEAC minutes to the project proponent held on 20.04.2023.</p>
15.	Existing Limestone Mine over an extent of 2.53.0 Ha (patta land) at S.F.No. 693/5A(P), 696/2, 3(P), 4(P), 5, 698/1, 2, 3, 4A, 4B, 4C & 5, Sirugudi Village, Natham Taluk, Dindigul District, Tamil Nadu by M/s. Sivam Mines – For Environmental Clearance under Violation	6253	<p>The Authority noted that this proposal was placed for appraisal in this 369th Meeting of SEAC held on 20.04.2023.</p> <p>Based on the presentation made and documents furnished by the project proponent, the SEAC decided to constitute a Sub Committee to make an on-site inspection to assess the present status of the project site and environmental settings as the proposal falls under violation category and submit the report along with the recommendations to the Committee.</p> <p>Further the Committee called for the following additional details:</p> <ol style="list-style-type: none"> 1. A letter from the Project Proponent justifying that the project activity is covered under Category “B2” of Item 1(a) “Mining of Minerals Projects”, of the Schedule to the EIA Notification, 2006, as amended.


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2. Copy of approved review of scheme of mining plan by the competent authority of the Dept of Geology and Mining for the proposed period of quarrying.
3. The PP shall furnish the copy of receipt of the penalty levied by the Dept of Geology and Mining for the exploitation of mineral without prior EC.

Meanwhile, the SEAC decided to constitute a sub-committee to make on-site inspection to assess the present status of the proposed project, environmental settings and to assess ecological damage assessment whether it is being carried out in accordance with CPCB Guidelines, remediation plan, natural resource augmentation and community resource augmentation.

After the receipt of the additional details from the proponent and the evaluation report by the Sub-committee, the SEAC will deliberate on the issue of Environmental Clearance under violation category. SEAC also decided to request SEIAA-TN to initiate action under Sec. 19 of the Environment (Protection) Act, to be taken for violation cases, in accordance with law.

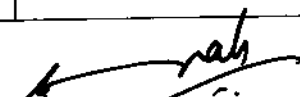
In view of the above, the authority accepts the decision of SEAC and decided to request the Member Secretary, SEIAA to communicate the SEAC minutes to the project proponent held on 20.04.2023 and the State Government/TNPCB against project proponent under the provisions of Section 19 of the Environment (Protection) Act, 1986 as per the EIA Notification dated: 14.03.2017 and amended 08.03.2018.


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16.	Existing Limestone Mine lease over an extent of 3.21.5 Ha at S.F.Nos. 285/1B(P), 285/2B(P), 287/1B, 287/2 (1.81.0Ha of patta land) and 283(P) & 286(P) (1.40.5 Ha of Govt. land) in Palayam Village, Vedasandur Taluk, Dindigul District, Tamil Nadu by Thiru. J. Sheik Abdulla- For Environmental Clearance under Violation	6351	<p>The Authority noted that this proposal was placed for appraisal in this 369th Meeting of SEAC held on 20.04.2023.</p> <p>Based on the presentation made and documents furnished by the project proponent, the SEAC decided to obtain the following additional details:</p> <ol style="list-style-type: none"> 1. A letter from the Project Proponent justifying that the project activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006, as amended. 2. The PP shall furnish the letter received from DFO concerned stating the proximity details of Reserve Forests, Protected Areas, Sanctuaries, Tiger reserve etc., upto a radius of 25 km from the proposed site. 3. Copy of approved review of scheme of mining plan by the competent authority of the Dept of Geology and Mining for the proposed period of quarrying. 4. The PP shall furnish the copy of receipt of the penalty levied by the Dept of Geology and Mining for the exploitation of mineral without prior EC. <p>Based on the presentation made and documents furnished by the project proponent, the SEAC observed that, the Thoppaiswami Malai RF is located at a distance of 8 KM from the project site and it also part of Kadavur Slender Lories Sanctuary. Therefore, SEAC decided to defer the proposal and called for the following details.</p> <ol style="list-style-type: none"> 1. The PP shall obtain NBWL clearance from SCNBWL
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			<p>On the receipt of the same further deliberation will be done.</p> <p>In view of the above, the Authority decided to request the Member Secretary, SEIAA to communicate the SEAC minutes to the project proponent held on 20.04.2023.</p>
17.	Existing Limestone Mine lease over an Extent of 2.52.0Ha at S.F.Nos. 1101/7, 1101/11, 1102/5A1 & 1102/5A2 of Thenmalai Village, Sivagiri Taluk, Tirunelveli District, Tamil Nadu by M/s. JanathaCem Industries Limited- For Environmental Clearance under Violation	6526	<p>The Authority noted that this proposal was placed for appraisal in this 369th Meeting of SEAC held on 20.04.2023.</p> <p>Based on the presentation made and documents furnished by the project proponent, the SEAC decided to constitute a SUB COMMITTEE to make an on-site inspection to assess the present status of the project site and environmental settings as the proposal falls under violation category and submit the report along with the recommendations to the Committee.</p> <p>Further the Committee called for the following additional details:</p> <ol style="list-style-type: none"> 1. A letter from the Project Proponent justifying that the project activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006, as amended. 2. Copy of approved review of scheme of mining plan by the competent authority of the Dept of Geology and Mining for the proposed period of quarrying. 3. The PP shall furnish the copy of receipt of the penalty levied by the Dept of Geology and Mining for the exploitation of mineral without prior EC.


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			<p>Meanwhile, the SEAC decided to constitute a sub-committee to make on-site inspection to assess the present status of the proposed project, environmental settings and to assess ecological damage assessment whether it is being carried out in accordance with CPCB Guidelines, remediation plan, natural resource augmentation and community resource augmentation.</p> <p>After the receipt of the additional details from the proponent and the evaluation report by the Sub-committee, the SEAC will deliberate on the issue of Environmental Clearance under violation category. SEAC also decided to request SEIAA-TN to initiate action under Sec. 19 of the Environment (Protection) Act, to be taken for violation cases, in accordance with law.</p> <p>In view of the above, the authority accepts the decision of SEAC and decided to request the Member Secretary, SEIAA to communicate the SEAC minutes to the project proponent held on 20.04.2023 and the State Government/TNPCB against project proponent under the provisions of Section 19 of the Environment (Protection) Act, 1986 as per the EIA Notification dated: 14.03.2017 and amended 08.03.2018.</p>
18.	<p>Proposal Seeking Environmental Clearance (EC) under Violation Category for Existing Limestone mine over an Extent 3.42.5ha in SF. No: 219/1, Olaipadi (West) Village, Kunnam Taluk, Perambalur District, Tamil Nadu by M/s. YESSAREX, T.R.Dasappan</p>	6114	<p>The authority noted that the subject was appraised in 369th SEAC Meeting held on 20.04.2023. The SEAC decided to constitute a SUB COMMITTEE to make an on-site inspection to assess the present status of the project site and environmental settings as the proposal falls under violation category and submit the report along with the recommendations to the Committee.</p>

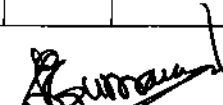

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<p>(Proprietor)- For Environmental Clearance</p>	<p>Further the Committee called for the following additional details:</p> <ol style="list-style-type: none"> 1. A letter from the Project Proponent justifying that the project activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006, as amended. 2. Valid mine plan approved by the competent authority for the proposed period of quarrying. 3. The PP shall furnish the copy of receipt of the penalty levied by the Dept of Geology and Mining for the exploitation of mineral without prior EC. <p>Meanwhile, the SEAC decided to constitute a sub-committee to make on-site inspection to assess the present status of the proposed project, environmental settings and to assess ecological damage assessment whether it is being carried out in accordance with CPCB Guidelines, remediation plan, natural resource augmentation and community resource augmentation.</p> <p>After the receipt of the additional details from the proponent and the evaluation report by the Sub-committee, the SEAC will deliberate on the issue of Environmental Clearance under violation category. SEAC also decided to request SEIAA-TN to initiate action under Sec. 19 of the Environment (Protection) Act, to be taken for violation cases, in accordance with law.</p> <p>In view of the above, the Authority accepts the decision of SEAC and decided to request the Member Secretary, SEIAA to communicate the SEAC minutes to the project proponent and to write to the State Government/TNPCB to take credible action under the</p>
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			provisions of Section 19 of the Environment (Protection) Act, 1986 against the Project proponent as per the EIA Notifications dated: 14.03.2017 and 08.03.2018.
19.	Existing Limestone mine over an Extent 2.51.5ha in SF. No: 809/2, 3, 4 & 5 (P), Thennilai Village, Kadavur Taluk, Karur District, Tamil Nadu by M/S.Ragavendra Minerals and Chemicals, Thiru.E.Dhanapal (Managing Partner) – For Environmental Clearance under violation	6121	<p>The authority noted that the subject was appraised in 369th SEAC Meeting held on 20.04.2023. The SEAC decided to constitute a sub committee to make an on-site inspection to assess the present status of the project site and environmental settings as the proposal falls under violation category and submit the report along with the recommendations to the Committee.</p> <p>Further the Committee called for the following additional details:</p> <ol style="list-style-type: none"> 1. A letter from the Project Proponent justifying that the project activity is covered under Category “B2” of Item 1(a) “Mining of Minerals Projects” of the Schedule to the EIA Notification, 2006, as amended. 2. Valid mine plan approved by the competent authority for the proposed period of quarrying. 3. The PP shall furnish the copy of receipt of the penalty levied by the Dept of Geology and Mining for the exploitation of mineral without prior EC. <p>Meanwhile, the SEAC decided to constitute a sub-committee to make on-site inspection to assess the present status of the proposed project, environmental settings and to assess ecological damage assessment whether it is being carried out in accordance with CPCB Guidelines, remediation plan, natural resource augmentation and community resource augmentation.</p>


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			<p>After the receipt of the additional details from the proponent and the evaluation report by the Subcommittee, the SEAC will deliberate on the issue of Environmental Clearance under violation category. SEAC also decided to request SEIAA-TN to initiate action under Sec. 19 of the Environment (Protection) Act, to be taken for violation cases, in accordance with law.</p> <p>In view of the above, the Authority accepts the decision of SEAC and decided to request the Member Secretary, SEIAA to communicate the SEAC minutes to the project proponent and to write to the State Government/TNPCB to take credible action under the provisions of Section 19 of the Environment (Protection) Act, 1986 against the Project proponent as per the EIA Notifications dated: 14.03.2017 and 08.03.2018.</p>
20.	Existing Limestone mine over an Extent 0.94.0ha in SF. No: 616/1B (P), 1C,618/1 (P) & 619, Sirugudi Village, Natham Taluk, Dindigul District, Tamil Nadu by M/s. Sivam Mines, Represented By – Thiru. S. Ilangovan (Managing Partner) – For Environmental Clearance under Violation	6254	<p>The authority noted that the subject was appraised in 369th SEAC Meeting held on 20.04.2023. The SEAC decided to constitute a sub committee to make an on-site inspection to assess the present status of the project site and environmental settings as the proposal falls under violation category and submit the report along with the recommendations to the Committee.</p> <p>Further the Committee called for the following additional details:</p> <ol style="list-style-type: none"> 1. A letter from the Project Proponent justifying that the project activity is covered under Category “B2” of Item 1(a) “Mining of Minerals Projects” of the Schedule to the EIA Notification, 2006, as amended.


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			<p>2. Valid mine plan approved by the competent authority for the proposed period of quarrying.</p> <p>3. The PP shall furnish the copy of receipt of the penalty levied by the Dept of Geology and Mining for the exploitation of mineral without prior EC.</p> <p>Meanwhile, the SEAC decided to constitute a sub-committee to make on-site inspection to assess the present status of the proposed project, environmental settings and to assess ecological damage assessment whether it is being carried out in accordance with CPCB Guidelines, remediation plan, natural resource augmentation and community resource augmentation. After the receipt of the additional details from the proponent and the evaluation report by the Sub-committee, the SEAC will deliberate on the issue of Environmental Clearance under violation category. SEAC also decided to request SEIAA-TN to initiate action under Sec. 19 of the Environment (Protection) Act, to be taken for violation cases, in accordance with law.</p> <p>In view of the above, the Authority accepts the decision of SEAC and decided to request the Member Secretary, SEIAA to communicate the SEAC minutes to the project proponent and to write to the State Government/TNPCB to take credible action under the provisions of Section 19 of the Environment (Protection) Act, 1986 against the Project proponent as per the EIA Notifications dated: 14.03.2017 and 08.03.2018.</p>
21.	Existing Limestone Mine lease over an extent of 2.18.9Ha at S.F.	6527	The Authority noted that the subject was appraised in 369 th SEAC Meeting held on 20.04.2023. The SEAC

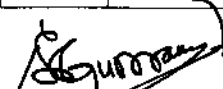

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<p>No. 1102/4, 1102/5B, 1102/6, 1102/7 & 1103/3B (P) of Thenmalai Village, Sivagiri Taluk, Tirunelveli District, Tamil Nadu by M/s. JanathaCem Industries Limited - For Environmental Clearance under Violation</p>	<p>decided to constitute a SUB COMMITTEE to make an on-site inspection to assess the present status of the project site and environmental settings as the proposal falls under violation category and submit the report along with the recommendations to the Committee.</p> <p>Further the Committee called for the following additional details:</p> <ol style="list-style-type: none"> 1. A letter from the Project Proponent justifying that the project activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006, as amended. 2. Valid mine plan approved by the competent authority for the proposed period of quarrying. 3. The PP shall furnish the copy of receipt of the penalty levied by the Dept of Geology and Mining for the exploitation of mineral without prior EC. <p>Meanwhile, the SEAC decided to constitute a sub-committee to make on-site inspection to assess the present status of the proposed project, environmental settings and to assess ecological damage assessment whether it is being carried out in accordance with CPCB Guidelines, remediation plan, natural resource augmentation and community resource augmentation. After the receipt of the additional details from the proponent and the evaluation report by the Sub-committee, the SEAC will deliberate on the issue of Environmental Clearance under violation category. SEAC also decided to request SEIAA-TN to initiate action under Sec. 19 of the Environment (Protection) Act, to be taken for violation cases, in accordance with law.</p>
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			In view of the above, the Authority accepts the decision of SEAC and decided to request the Member Secretary, SEIAA to communicate the SEAC minutes to the project proponent and to write to the State Government/TNPCB to take credible action under the provisions of Section 19 of the Environment (Protection) Act, 1986 against the Project proponent as per the EIA Notifications dated: 14.03.2017 and 08.03.2018.
22.	Proposed Rough Stone & Gravel Quarry lease over an extent of 2.64.50Ha at S.F.No.728/2, 728/3, 728/4, 728/5, 728/6, 728/7, 728/8, 728/9, 728/10, 728/11, 728/12, 728/13, 728/14, 728/15, 728/16, 728/17 & 728/18 of Magaral-B Village, Walajabad Taluk, Kancheepuram District, Tamil Nadu by M/s. Sri Sai Infrastructures - for Environmental Clearance	8667	<p>The Authority noted that this proposal was placed for appraisal in this 369th Meeting of SEAC held on 20.04.2023. Based on the presentation and documents furnished by the project proponent, SEAC observed the following</p> <ul style="list-style-type: none"> i) During the Public Hearing, it was observed that high number of Public objections have been registered against this proposed quarry from the Villagers in regard to impact of mining & its transportation of quarried minerals was recorded in the minutes of public hearing conducted on 13.09.2022. ii) Also, it was noted that the Panchayat Union Primary School located in the haul road leading to the proposed quarry has been severely affected due to movement of large number of loaded trucks from the adjacent operating quarries and forcing the school management to shut down the doors & windows in order to reduce the dust and noise environment.


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			<p>iii) It was also observed that the roads are very poorly managed by the existing quarry operators resulting in creation of pot holes, etc.</p> <p>iv) It was also noted that the existing quarries located adjacent to the proposed quarries are operating huge number of trucks resulting in creation of crowded truck movement in the road leading to the village so as to create a dangerous situation for the pedestrians and other vehicle operators.</p> <p>Further, SEAC noted that due the presence of a number of quarries & crushers, the area has been subjected to heavy load of pollution from the point sources and fugitive emissions and due to transportation of mined materials have led to deterioration of roads. The report submitted by the EIA coordinator indicated that the windows of the school on the roadside had to be kept closed to prevent dust affecting the health of students. The entry gate to the school also had to be shifted to the backside for the same reason. Allowing more mines in this area will be detrimental to the environment and health of people living in the area. In view of the above, SEAC decided not to recommend EC for this project. In view of the above, the authority after detailed discussion decided unanimously to accept the recommendation of SEAC, hence this proposal seeking EC is not recommended and stands rejected. This file shall be closed and recorded</p>
23.	Proposed Rough Stone & Gravel lease over an extent of 2.01.5Ha at S.F.No. 1193/1, 1193/2, 1199/1B,	9858	The Authority noted that this proposal was placed for appraisal in this 369 th Meeting of SEAC held on 20.04.2023. After detailed discussions, the Authority


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	<p>1199/1C, 1199/1D, 1199/1E, 1199/1F, 1199/1H, 1199/1I, 1199/1J & 1199/1K in Katchaikatti Village, Vadipatti Taluk, Madurai District, Tamil Nadu by Thiru.B.Karuppaiah -For Terms of Reference</p>		<p>accepts the recommendation of SEAC and decided to grant Terms of Reference (ToR) along with Public Hearing under cluster for undertaking the combined Environment Impact Assessment Study and preparation of separate Environment Management Plan subject to the conditions as recommended by SEAC & normal conditions in addition to the conditions in 'Annexure B' of this minute.</p> <p>In addition to that the PP shall study about the following,</p> <p>From the kml uploaded by PP, it is ascertained that the proposed mining lease area is surrounded by agricultural activities and Veguthumalai RF is located at a distance of 340m from this area. Hence,</p> <ol style="list-style-type: none"> 1. Detailed study shall be carried out in regard to impact of mining around the proposed mine lease area covering the entire mine lease period as per precise area communication order issued from reputed research institutions on the following <ul style="list-style-type: none"> b) Soil health c) Climate change d) rise in Temperature e) Water Table and drainage pattern f) Agriculture g) Wild life 2. The PP shall obtain a letter from the Concerned Director of Agriculture stating that proposed mining activity has no impact on the surrounding Agriculture.
24.	Proposed Rough Stone & Gravel lease over an extent of 4.82.70Ha at	9905	The Authority noted that this proposal was placed for appraisal in this 369 th Meeting of SEAC held on


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	<p>S.F.No. 764/3, 765/3, 766/1, 766/2, 766/3A, 767/1 & 767/2A in Anjur Village, Pugalur Taluk, Karur District, Tamil Nadu by Thiru.S.Kuppusamy -For Terms of Reference</p>		<p>20.04.2023. After detailed discussions, the Authority accepts the recommendation of SEAC and decided to grant Terms of Reference (ToR) along with Public Hearing under cluster for undertaking the combined Environment Impact Assessment Study and preparation of separate Environment Management Plan subject to the conditions as recommended by SEAC & normal conditions in addition to the conditions in 'Annexure B' of this minute.</p> <p>In addition to that the PP shall study about the following,</p> <ol style="list-style-type: none"> 1. Detailed study shall be carried out in regard to impact of mining around the proposed mine lease area covering the entire mine lease period as per precise area communication order issued from reputed research institutions on the following <ol style="list-style-type: none"> h) Soil health i) Climate change j) rise in Temperature k) Water Table and drainage pattern l) Agriculture 2. The PP shall obtain a letter from the Concerned Director of Agriculture stating that proposed mining activity has no impact on the surrounding Agriculture.
<p>25.</p>	<p>Proposed Rough stone and Gravel quarry lease over an extent of 9.55.14 Ha in S.F. Nos. 1092/1, 1094, 1095/1, 1136/1 Thennilai West Village Pugalur Taluk, Karur District Tamil Nadu by Tmt G.</p>	<p>9714</p>	<p>The authority noted that the subject was appraised in 369th SEAC Meeting held on 20.04.2023. After detailed discussions, the Authority accepts the recommendation of SEAC and decided to grant Terms of Reference (ToR) along with Public Hearing under cluster for undertaking the combined Environment</p>


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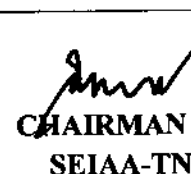

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<p>Parameswari- For Terms of Reference.</p>	<p>Impact Assessment Study and preparation of separate Environment Management Plan subject to the conditions as recommended by SEAC, the normal conditions in addition to the following conditions and the conditions imposed in 'Annexure B' of this minute.</p> <ol style="list-style-type: none"> 1. Study report on impact of mining on agriculture and allied activities. 2. The PP shall furnish the letter obtained from the Director, Department of Agriculture stating that the proposed mine lease area/ about the productivity status and productive potential of the land. 3. The PP shall furnish the remarks obtained from local panchayat on the proposed mining activity. 4. The project proponent shall prepare mine closure plan considering mineable quantity of Topsoil, Weathered rock & mineral reject/waste. If any. 5. Copy of valid mining lease approval obtained from the competent Authority. 6. Copy of approved review of scheme of mining plan by the competent authority (Dept. of Geology and Mining / IBM). 7. Details of habitations around the proposed mining area and latest VAO certificate regarding the location of habitations within 300m radius from the periphery of the site. 8. The DFO letter stating that the proximity distance of Reserve Forests, Protected Areas, Sanctuaries, Tiger reserve etc., up to a radius
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			<p>of 25 km from the proposed site.</p> <p>9. A letter from the local District Agriculture regarding non suitability of land for agriculture.</p>
26.	<p>Proposed Rough Stone and Gravel quarry over an extent of 1.99.00 Ha in S.F.No. 49/2, 49/3 & 49/4A of Kovundampalayam Village, Gobichettipalayam Taluk, Erode District, Tamil Nadu by 1. Thiru. T. M. Manoharan, 2. Thiru. K. SUBRAMANIAM, 3. Thiru. R.P. JAGANATHAN for Terms of Reference.</p>	9860	<p>The proposal was placed in the 369th SEAC Meeting held on 20.04.2023.</p> <p>Based on the presentation made by the proponent SEAC recommended grant of Terms of Reference (TOR) with Public Hearing.</p> <p>After detailed deliberations, the Authority accepted the recommendations of SEAC and decided to grant Terms of Reference subject to the conditions as recommended by SEAC in addition to the following conditions and conditions stated therein vide Annexure 'B':</p> <ol style="list-style-type: none"> 1. The proponent shall submit the impact of mining activity on straying animals and migratory wildlife shall be submitted along with EIA Report. 2. The proponent shall submit the impact of mining activity on Agricultural lands nearby, drainage pattern and underground water flow along with EIA Report. 3. The proponent shall submit the details regarding the impact of mining activity on Climate change, Temperature, Biodiversity, CO₂ Emission, Green House Gas Emission along with EIA Report.
27.	<p>Proposed Earth Quarry lease over an extent of 1.01.5 Ha in S.F.No. 120/2D3 of Silamalai Village, Bodinaickanur Taluk, Theni District, Tamil Nadu by</p>	7916	<p>The authority noted that this proposal was placed for appraisal in 342nd meeting of SEAC held on 30.12.2022 and SEAC recommended the proposal for the grant of Environmental Clearance subject to the standard conditions. The Authority in its 587th meeting</p>


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	<p>Thiru.M.Ganesan - for Environmental Clearance</p>	<p>raised ADS. The PP has submitted reply for SEIAA ADS.</p> <p>After detailed discussions, the Authority decided to grant Environmental Clearance for the quantity of 13,924m³ of Earth up to the depth of mining 2m BGL for two years, as per the mine plan approved by the Department of Geology & Mining. This is also subject to the standard conditions as per Annexure - (I) of SEAC minutes, other normal conditions stipulated by MOEF&CC & all other specific conditions as recommended by SEAC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.</p> <ol style="list-style-type: none"> 1. Keeping in view of MoEF&CC's notification S.O.1533(E) dated.14.09.2006 and S.O. 1807(E) dated 12.04.2022, this Environmental Clearance is valid as per the approved mine plan period. 2. The project proponent shall furnish a Certified Compliance Report obtained from MoEF&CC while seeking a renewal of the mining plan to cover the project life. 3. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP. 4. As per the OM vide F. No. IA3-22/1/2022-IA-III [E- 172624] Dated: 14.06.2022, the Project Proponents are directed to submit the six-monthly compliance on the environmental conditions prescribed in the prior environmental clearance letter(s) through
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			<p>newly developed compliance module in the PARIVESH Portal from the respective login.</p> <p>The amount allocated for EMP should be kept in a separate account and both the capital and recurring expenditures should be done year wise for the works identified, approved and as committed. The work & expenditure made under EMP should be elaborated in the bi-annual compliance report submitted and also should be brought to the notice of concerned authorities during inspections.</p>
28.	<p>Proposed Rough Stone and Gravel quarry over an extent of 1.39.81 Ha in S.F.No. 15/1 (P), 2 (P), 3 (P), 4 (P), 5 (P), 6 (P), 7, 8, 9, 10, 11, 12, 13A, 13B, 14, 15A, 15B, 16, 16/1, 2, 3 (P), 4 (P), 5 (P), 6 (P) & 7 of Sirumailour Village, Uthiramerur Taluk, Kancheepuram District, Tamil Nadu by M/s. Murugappa Blue Metal for Terms of Reference.</p>	9806	<p>The Authority noted that the proposal was placed in the 366th SEAC Meeting held on 30.03.2023.</p> <p>Based on the presentation made by the proponent SEAC recommended grant of Terms of Reference (TOR) with Public Hearing.</p> <p>Subsequently, the proposal was placed in 613th SEIAA meeting held on 21.04.2023. The Authority after detailed deliberation decided to call for additional details as follows</p> <ol style="list-style-type: none"> 1. The PP shall submit NOC from Director, Agriculture department that the proposed mining lease area is not fit for agriculture purpose and NOC for Local panchayat. 2. Report on loss of landcover and change in land use pattern due to the proposed activity. 3. Impact of mining on agriculture and allied activities in and around the proposed mine lease area. 4. Letter from the Director, Department of Agriculture stating that the proposed mine lease area about the productivity status and productive potential of the land.


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5. Remarks from local panchayat on the proposed mining activity.

6. The proponent shall study the impact of mining activity on the odai passing in the northern side of the proposed mine lease area and shall submit the mitigation measures.

upon receipt of the above said details, further deliberation shall be done.

Subsequently, the proponent had furnished the details called for to this O/o SEIAA on 08.05.2023.

Based on the above, the proposal was placed in 616th Authority meeting held on 10.05.2023. After detailed deliberations, the Authority accepted the recommendations of SEAC and the request given by the proponent and decided to grant Terms of Reference subject to the conditions as recommended by SEAC in addition to the following conditions and conditions stated therein vide Annexure 'B':

1. The PP shall submit NOC from Director, Agriculture department that the proposed mining lease area is not fit for agriculture purpose and NOC from Local panchayat along with EIA Report.
2. Report on loss of landcover and change in land use pattern due to the proposed activity shall be submitted along with EIA Report.
3. Impact of mining on agriculture and allied activities in and around the proposed mine lease area shall be submitted along with EIA Report.
4. Letter from the Director, Department of Agriculture stating that the proposed mine lease area about the productivity status and


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			<p>productive potential of the land shall be submitted along with EIA Report.</p> <p>5. Remarks from local panchayat on the proposed mining activity shall be submitted along with EIA Report.</p> <p>6. The proponent shall study the impact of mining activity on the odai passing in the northern side of the proposed mine lease area and shall submit the mitigation measures along with EIA Report.</p>
29.	<p>Proposed Rough Stone and Gravel quarry over an extent of 6.73.0 Ha in S.F.No. 136/3, 142/1, 2A, 2B, 3, 4, 5A, 143/1, 2, 3, 144/1A, 1B, 1C, 3A, 3B, 3C, 4, 5A, 5B, 5C, 6, 7, 145/1, 2, 3, 146/9, 10A, 11, 147/2, 3, 4, 5, 6, 7, 8B, 9B, 10, 11A, 12A, 13, 148/2A (P) & 2B2 of Udaiyalipatti Village, Kulathur Taluk, Pudukkottai District, Tamil Nadu by Thiru.R. Kumar for Terms of Reference.</p>	9764	<p>The Authority noted the proposal was earlier placed in 366th SEAC Meeting held on 30.03.2023.</p> <p>Based on the presentation made by the proponent SEAC recommended grant of Terms of Reference (TOR) with Public Hearing.</p> <p>Subsequently, the proposal was placed in 613th SEIAA meeting held on 21.04.2023. The Authority after detailed deliberation decided to call for additional details as follows</p> <ol style="list-style-type: none"> 1. The PP shall submit NOC from Director, Agriculture department that the proposed mining lease area is not fit for agriculture purpose and NOC for Local panchayat. 2. Report on loss of landcover and change in land use pattern due to the proposed activity. 3. Impact of mining on agriculture and allied activities in and around the proposed mine lease area. 4. Letter from the Director, Department of Agriculture stating that the proposed mine lease area about the productivity status and productive potential of the land.


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5. Remarks from local panchayat on the proposed mining activity.
6. The PP shall submit a detailed report regarding the impact of mining on the water body.
7. The impact of mining on the surface water and subterranean water.
8. Further, due to the proposed mining activity, the surface water which contributes to the tank will get affected. Hence, the proponent is requested to provide mitigation measures regarding the same.
9. The proponent shall submit the details regarding soil erosion that will occur due to the mining activity and subsequently the effect of siltation in the tank.
10. The proponent shall submit a 'Standard Operating Procedure' (SoP) laid for water ingress and water egress situation in the proposed quarrying operation considering the existence of the above-mentioned water body.
11. The project name in Parivesh Portal is mentioned as Thiru R. Kumar and company name is Veerapan D. Hence, the above shall be clarified.

upon receipt of the above said details, further deliberation shall be done.


Subsequently, the proponent had furnished the details called for to this O/o SEIAA on 08.05.2023.

Based on the above, the proposal was placed in 616th Authority meeting held on 10.05.2023.

After detailed deliberations, the Authority accepted the recommendations of SEAC and the request given by the proponent and decided to grant Terms of Reference


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subject to the conditions as recommended by SEAC in addition to the following conditions and conditions stated therein vide Annexure 'B':

1. The PP shall submit NOC from Director, Agriculture department that the proposed mining lease area is not fit for agriculture purpose and NOC from Local panchayat along with EIA Report.
2. Report on loss of landcover and change in land use pattern due to the proposed activity shall be submitted along with EIA Report.
3. Impact of mining on agriculture and allied activities in and around the proposed mine lease area shall be submitted along with EIA Report.
4. Letter from the Director, Department of Agriculture stating that the proposed mine lease area about the productivity status and productive potential of the land shall be submitted along with EIA Report.
5. Remarks from local panchayat on the proposed mining activity shall be submitted along with EIA Report.
6. The PP shall submit a detailed report regarding the impact of mining on the water body shall be submitted along with EIA Report.
7. The impact of mining on the surface water and subterranean water shall be submitted along with EIA Report.
8. Further, due to the proposed mining activity, the surface water which contributes to the tank will get affected. Hence, the proponent is requested to provide mitigation measures


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		<p>regarding the same and shall be submitted along with EIA Report.</p> <p>9. The proponent shall submit the details regarding soil erosion that will occur due to the mining activity and subsequently the effect of siltation in the tank shall be submitted along with EIA Report.</p> <p>10. The proponent shall submit a 'Standard Operating Procedure' (SoP) laid for water ingress and water egress situation in the proposed quarrying operation considering the existence of the above-mentioned water body shall be submitted along with EIA Report.</p> <p>11. The proponent shall enter the project proponent name in the field corresponding to Project Name and Company Name while submitting for grant of Environmental Clearance along with EIA report in PARIVESH portal.</p>
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Annexure-'A'

EC Compliance

1. The Environmental Clearance is accorded based on the assurance from the project proponent that there will be full and effective implementation of all the undertakings given in the Application Form, Pre-feasibility Report, mitigation measures as assured in the Environmental Impact Assessment/ Environment Management Plan and the mining features including Progressive Mine Closure Plan as submitted with the application.
2. All the conditions as presented by the proponent in the PPT during SEAC appraisal should be addressed in Full.
3. The proponent shall submit Compliance Reports on the status of compliance of the stipulated EC conditions including results of monitored data. It shall be sent to the respective Regional Office of Ministry of Environment, Forests and Climate Change,


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Govt. of India and also to the Office of State Environment Impact Assessment Authority (SEIAA).

4. Concealing the factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

Applicable Regulatory Frameworks

5. The project proponent shall strictly adhere to the provisions of Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability Insurance Act, 1991, along with their amendments, Minor Mineral Conservation & Development Rules, 2010 framed under MMDR Act 1957, National Commission for protection of Child Right Rules, 2006, Wildlife Protection Act, 1972, Forest Conservation Act, 1980, Biodiversity Conservation Act, 2016, the Biological Diversity Act, 2002 and Biological diversity Rules, 2004 and Rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/Hon'ble High Court of Madras and any other Courts of Law relating to the subject matter


Safe mining Practices

6. The AD/DD, Dept. of Geology & Mining shall ensure operation of the proposed quarry after the submission slope stability study conducted through the reputed research & Academic Institutions such as NIRM, IITs, NITS Anna University, and any CSIR Laboratories etc.
7. The AD/DD, Dept. of Geology & Mining & Director General of Mine safety shall ensure strict compliance and implementation of bench wise recommendations/action plans as recommended in the scientific slope stability study of the reputed research & Academic Institutions as a safety precautionary measure to avoid untoward accidents during mining operation.
8. A minimum buffer distance specified as per existing rules and statutory orders shall be maintained from the boundary of the quarry to the nearest dwelling unit or other structures, and from forest boundaries or any other ecologically sensitive and archeologically important areas or the specific distance specified by SEIAA in EC as per the recommendations of SEAC depending on specific local conditions.

Water Environment – Protection and mitigation measures


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9. The proponent shall ensure that the activity does not disturb the water bodies and natural flow of surface and groundwater, nor cause any pollution, to water sources in the area.
10. The proponent shall ensure that the activities do not impact the water bodies/wells in the neighboring open wells and bore wells. The proponent shall ensure that the activities do not in any way affect the water quantity and quality in the open wells and bore wells in the vicinity or impact the water table and levels. The proponent shall ensure that the activities do not disturb the river flow, nor affect the Odai, Water bodies, Dams in the vicinity.
11. Water level in the nearest dug well in the downstream side of the quarry should be monitored regularly and included in the Compliance Report.
12. Quality of water discharged from the quarry should be monitored regularly as per the norms of State Pollution Control Board and included in the Compliance Report.
13. Rain Water Harvesting facility should be installed as per the prevailing provisions of TNMBR/TNCDBR, unless otherwise specified. Maximum possible solar energy generation and utilization shall be ensured as an essential part of the project.
14. Regular monitoring of flow rates and water quality upstream and downstream of the springs and perennial nallahs flowing in and around the mine lease area shall be carried out and reported in the compliance reports to SEIAA.
15. Regular monitoring of ground water level and water quality shall be carried out around the mine area during mining operation. At any stage, if it is observed that ground water table is getting depleted due to the mining activity; necessary corrective measures shall be carried out.
16. Garland drains and silt traps are to be provided in the slopes around the core area to channelize storm water. De-silting of Garland canal and silt traps have to be attended on a daily basis. A labour has to be specifically assigned for the purpose. The proponent shall ensure the quality of the discharging storm water as per the General Effluent Discharge Standards of CPCB.

Air Environment – Protection and mitigation measures

17. The activity should not result in CO₂ release and temperature rise and add to micro climate alternations.
18. The proponent shall ensure that the activities undertaken do not result in carbon emission, and temperature rise, in the area.


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19. The proponent shall ensure that Monitoring is carried out with reference to the quantum of particulate matter during excavation; blasting; material transport and also from cutting waste dumps and haul roads.

Soil Environment – Protection and mitigation measures

20. The proponent shall ensure that the operations do not result in loss of soil biological properties and nutrients.
21. The proponent shall ensure that activity does not deplete the indigenous soil seed bank and disturb the mycorrhizal fungi, soil organism, soil community nor result in eutrophication of soil and water.
22. The activities should not disturb the soil properties and seed and plant growth. Soil amendments as required to be carried out, to improve soil health.
23. Bio remediation using microorganisms should be carried out to restore the soil environment to enable carbon sequestration.
24. The proponent shall ensure that the mine restoration is done using mycorrhizal VAM, vermin-composting, Biofertilizers to ensure soil health and biodiversity conservation.
25. The proponent shall ensure that the topsoil is protected and used in planting activities in the area.
26. The proponent shall ensure that topsoil to be utilized for site restoration and Green belt alone within the proposed area.
27. The top soil shall be temporarily stored at earmarked place (s) and used for land reclamation and plantation. The over burden (OB) generated during the mining operations shall be stacked at earmarked dump site(s) only. The OB dumps should be scientifically vegetated with suitable native species to prevent erosion and surface run off. At critical points, use of geotextile shall be undertaken for stabilization of the dump. Protective wall or gabions should be made around the dump to prevent erosion / flow of sediments during rains. The entire excavated area shall be backfilled.

Noise Environment – Protection and mitigation measures

28. The peak particle velocity at 500m distance or within the nearest habitation, whichever is closer shall be monitored periodically as per applicable DGMS guidelines.
29. The sound at project sites disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations. Hence, the PP shall ensure that the biological clock of the villages are not disturbed because of the mining activity.


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Biodiversity - Protection and mitigation measures

30. The proponent should ensure that there is no disturbance to the agriculture plantations, social forestry plantations, waste lands, forests, sanctuary or national parks. There should be no impact on the land, water, soil and biological environment and other natural resources due to the mining activities.
31. No trees in the area should be removed and all the trees numbered and protected. In case trees fall within the proposed quarry site the trees may be transplanted in the Greenbelt zone. The proponent shall ensure that the activities in no way result in disturbance to forest and trees in vicinity. The proponent shall ensure that the activity does not disturb the movement of grazing animals and free ranging wildlife. The proponent shall ensure that the activity does not disturb the biodiversity, the flora & fauna in the ecosystem. The proponent shall ensure that the activity does not result in invasion by invasive alien species. The proponent shall ensure that the activities do not disturb the resident and migratory birds. The proponent shall ensure that the activities do not disturb the vegetation and wildlife in the adjoining reserve forests and areas around.
32. The proponent shall ensure that the activities do not disturb the agro biodiversity and agro farms. Actions to be taken to promote agroforestry, mixed plants to support biodiversity conservation in the mine restoration effort.
33. The proponent shall ensure that all mitigation measures listed in the EIA/EMP are taken to protect the biodiversity and natural resources in the area.
34. The proponent shall ensure that the activities do not impact green lands/grazing fields of all types surrounding the mine lease area which are food source for the grazing cattle.

Climate Change

35. The project activity should not in any way impact the climate and lead to a rise in temperature.
36. There should be least disturbance to landscape resulting in land use change, contamination and alteration of soil profiles leading to Climate Change.
37. Intensive mining activity should not add to temperature rise and global warming.
38. Operations should not result in GHG releases and extra power consumption leading to Climate Change.
39. Mining through operational efficiency, better electrification, energy use, solar usage, use of renewable energy should try to decarbonize the operations.


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40. Mining Operation should not result in droughts, floods and water stress, and shortages, affecting water security both on site and in the vicinity.
41. Mining should not result in water loss from evaporation, leaks and wastage and should support to improve the ground water.
42. Mining activity should be flood proof with designs and the drainage, pumping techniques shall ensure climate-proofing and socio-economic wellbeing in the area and vicinity.

Reserve Forests & Protected Areas

43. The activities should provide nature based support and solutions for forest protection and wildlife conservation.
44. The project activities should not result in forest fires, encroachments or create forest fragmentation and disruption of forest corridors.
45. There should be no disturbance to the freshwater flow from the forest impacting the water table and wetlands.
46. The project proponent should support all activities of the forest department in creating awareness to local communities on forest conservation.
47. The project activities should not alter the geodiversity and geological heritage of the area.
48. The activities should not result in temperature rise due to increased fossil fuels usage disrupting the behaviour of wildlife and flora.
49. The activities should support and recognise the rights and roles of indigenous people and local communities and also support sustainable development.
50. The project activities should support the use of renewables for carbon capture and carbon storage in the project site and forest surrounds.
51. The project activities should not result in changes in forest structure, habitats and genetic diversity within forests.

Green Belt Development

52. The proponent shall ensure that in the green belt development more indigenous trees species (Appendix as per the SEAC Minutes) are planted.
53. The proponent shall ensure the area is restored and rehabilitated with native trees as recommended in SEAC Minutes (in Appendix).

Workers and their protection

54. The project proponent is responsible for implementing all the provisions of labour laws applicable from time to time to quarrying /Mining operations. The workers on the site


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should be provided with on-site accommodation or facilities at a suitable boarding place, protective equipment such as ear muffs, helmet, etc.

55. The proponent has to provide insurance protection to the workers in the case of existing mining or provide the affidavit in case of fresh lease before execution of mining lease.
56. The workers shall be employed for working in the mines and the working hours and the wages shall be implemented/enforced as per the Mines Act, 1952.

Transportation

57. No Transportation of the minerals shall be allowed in case of roads passing through villages/ habitations. In such cases, PP shall construct a bypass road for the purpose of transportation of the minerals leaving an adequate gap (say at least 200 meters) so that the adverse impact of sound and dust along with chances of accidents could be mitigated. All costs resulting from widening and strengthening of existing public road network shall be borne by the PP in consultation with nodal State Govt. Department. Transportation of minerals through road movement in case of existing village/ rural roads shall be allowed in consultation with nodal State Govt. Department only after required strengthening such that the carrying capacity of roads is increased to handle the traffic load. The pollution due to transportation load on the environment will be effectively controlled and water sprinkling will also be done regularly. Vehicular emissions shall be kept under control and regularly monitored. Project should obtain Pollution Under Control (PUC) certificate for all the vehicles from authorized pollution testing centers.
58. The Main haulage road within the mine lease should be provided with a permanent water sprinkling arrangement for dust suppression. Other roads within the mine lease should be wetted regularly with tanker-mounted water sprinkling system. The other areas of dust generation like crushing zone, material transfer points, material yards etc. should invariably be provided with dust suppression arrangements. The air pollution control equipments like bag filters, vacuum suction hoods, dry fogging system etc. shall be installed at Crushers, belt-conveyors and other areas prone to air pollution. The belt conveyor should be fully covered to avoid generation of dust while transportation. PP shall take necessary measures to avoid generation of fugitive dust emissions.

Storage of wastes

59. The project proponent shall store/dump the granite waste generated within the earmarked area of the project site for mine closure as per the approved mining plan.

CER/EMP


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60. The CER Should be fully Implemented and fact reflected in the Half-yearly compliance report.
61. The EMP Shall also be implemented in consultation with local self-government institutions.
62. The follow-up action on the implementation of CER Shall be included in the compliance report.

Directions for Reclamation of mine sites

63. The mining closure plan should strictly adhere to appropriate soil rehabilitation measures to ensure ecological stability of the area. Reclamation/Restoration of the mine site should ensure that the Geotechnical, physical, chemical properties are sustainable that the soil structure composition is buildup, during the process of restoration.
64. The proponent shall ensure that the mine closure plan is followed as per the mining plan and the mine restoration should be done with native species, and site restored to near original status. The proponent shall ensure that the area is ecologically restored to conserve the ecosystems and ensure flow of goods and services.
65. A crucial factor for success of reclamation site is to select sustainable species to enable develop a self-sustaining eco system. Species selected should easily establish, grow rapidly, and possess good crown and preferably be native species. Species to be planted in the boundary of project site should be un palatable for cattle's/ goats and should have proven capacity to add leaf-litter to soil and decompose. The species planted should be adaptable to the site conditions. Should be preferably pioneer species, deciduous in nature to allow maximum leaf-litter, have deep root system, fix atmospheric nitrogen and improve soil productivity. Species selected should have the ability to tolerate altered pit and toxicity of and site. They should be capable of meeting requirement of local people in regard to fuel fodder and should be able to attract bird, bees and butterflies. The species should be planted in mixed association.
66. For mining area reclamation plot culture experiments to be done to identify/ determine suitable species for the site.
67. Top soil with a mix of beneficial microbes (Bacteria/Fungi) to be used for reclamation of mine spoils. AM Fungi (Arbuscular mycorrhizal fungi), plant growth promoting Rhizo Bacteria and nitrogen fixing bacteria to be utilized.
68. Soil and moisture conservation and water harvesting structures to be used where ever possible for early amelioration and restoration of site.


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69. Top soil is most important for successful rehabilitation of mined sites. Topsoil contains majority of seeds and plant propagation, soil microorganism, Organic matter and plant nutrients. Wherever possible the topsoil should be immediately used in the area of the for land form reconstruction, to pre mining conditions.
70. Over burdens may be analyzed and tested for soil characteristics and used in the site for revegetation. Wherever possible seeds, rhizome, bulbs, etc of pioneering spices should be collected, preserved and used in restoring the site.
71. Native grasses seeds may be used as colonizers and soil binders, to prevent erosion and allow diverse self- sustaining plant communities to establish. Grasses may offer superior tolerance to drought, and climatic stresses.
72. Reclamation involves planned topographical reconstruction of site. Care to be taken to minimize erosion and runoff. Topsoils should have necessary physical, chemicals, ecological, properties and therefore should be stored with precautions and utilized for reclamation process. Stocked topsoil should be stabilized using grasses to protect from wind. Seeds of various indigenous and local species may be broad casted after topsoil and treated overburden are spread.
73. Alkaline soils, acidic soils, Saline soils should be suitably treated/amended using green manure, mulches, farmyard manure to increase organic carbon. The efforts should be taken to landscape and use the land post mining. The EMP and mine closure plan should provide adequate budget for re-establishing the site to pre-mining conditions. Effective steps should be taken for utilization of over burden. Mine waste to be used for backfilling, reclamation, restoration, and rehabilitation of the terrain without affecting the drainage and water regimes. The rate of rehabilitation should be similar to rate of mining. The land disturbed should be reshaped for long term use. Mining should be as far as possible be eco-friendly. Integration of rehabilitation strategies with mining plan will enable speedy restoration.
74. Efforts should to taken to aesthetically improve the mine site. Generally, there are two approaches to restoration i.e Ecological approach which allows tolerant species to establish following the succession process allowing pioneer species to establish. The other approach i.e plantation approach is with selected native species are planted. A blend of both methods may be used to restore the site by adding soil humus and mycorrhiza.
75. Action taken for restoration of the site should be specifically mentioned in the EC compliances.


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Annexure 'B'

Cluster Management Committee

1. Cluster Management Committee shall be framed which must include all the proponents in the cluster as members including the existing as well as proposed quarry.
2. The members must coordinate among themselves for the effective implementation of EMP as committed including Green Belt Development, Water sprinkling, tree plantation, blasting etc.,
3. The List of members of the committee formed shall be submitted to AD/Mines before the execution of mining lease and the same shall be updated every year to the AD/Mines.
4. Detailed Operational Plan must be submitted which must include the blasting frequency with respect to the nearby quarry situated in the cluster, the usage of haul roads by the individual quarry in the form of route map and network.
5. The committee shall deliberate on risk management plan pertaining to the cluster in a holistic manner especially during natural calamities like intense rain and the mitigation measures considering the inundation of the cluster and evacuation plan.
6. The Cluster Management Committee shall form Environmental Policy to practice sustainable mining in a scientific and systematic manner in accordance with the law. The role played by the committee in implementing the environmental policy devised shall be given in detail.
7. The committee shall furnish action plan regarding the restoration strategy with respect to the individual quarry falling under the cluster in a holistic manner.
8. The committee shall furnish the Emergency Management plan within the cluster.
9. The committee shall deliberate on the health of the workers/staff involved in the mining as well as the health of the public.
10. The committee shall furnish an action plan to achieve sustainable development goals with reference to water, sanitation & safety.
11. The committee shall furnish the fire safety and evacuation plan in the case of fire accidents.

Impact study of mining

12. Detailed study shall be carried out in regard to impact of mining around the proposed mine lease area covering the entire mine lease period as per precise area communication order issued from reputed research institutions on the following
 - m) Soil health & soil biological, physical land chemical features .
 - n) Climate change leading to Droughts, Floods etc.
 - o) Pollution leading to release of Greenhouse gases (GHG), rise in Temperature, & Livelihood of the local people.


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- p) Possibilities of water contamination and impact on aquatic ecosystem health.
- q) Agriculture, Forestry & Traditional practices.
- r) Hydrothermal/Geothermal effect due to destruction in the Environment.
- s) Bio-geochemical processes and its foot prints including environmental stress.
- t) Sediment geochemistry in the surface streams.

Agriculture & Agro-Biodiversity

- 13. Impact on surrounding agricultural fields around the proposed mining Area.
- 14. Impact on soil flora & vegetation around the project site.
- 15. Details of type of vegetations including no. of trees & shrubs within the proposed mining area and. If so, transplantation of such vegetations all along the boundary of the proposed mining area shall committed mentioned in EMP.
- 16. The Environmental Impact Assessment should study the biodiversity, the natural ecosystem, the soil micro flora, fauna and soil seed banks and suggest measures to maintain the natural Ecosystem.
- 17. Action should specifically suggest for sustainable management of the area and restoration of ecosystem for flow of goods and services.
- 18. The project proponent shall study and furnish the impact of project on plantations in adjoining patta lands, Horticulture, Agriculture and livestock.

Forests

- 19. The project proponent shall detailed study on impact of mining on Reserve forests free ranging wildlife.
- 20. The Environmental Impact Assessment should study impact on forest, vegetation, endemic, vulnerable and endangered indigenous flora and fauna.
- 21. The Environmental Impact Assessment should study impact on standing trees and the existing trees should be numbered and action suggested for protection.
- 22. The Environmental Impact Assessment should study impact on protected areas, Reserve Forests, National Parks, Corridors and Wildlife pathways, near project site.

Water Environment

- 23. Hydro-geological study considering the contour map of the water table detailing the number of ground water pumping & open wells, and surface water bodies such as rivers, tanks, canals, ponds etc. within 1 km (radius) so as to assess the impacts on the nearby waterbodies due to mining activity. Based on actual monitored data, it may clearly be shown whether working


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will intersect groundwater. Necessary data and documentation in this regard may be provided, covering the entire mine lease period.

24. Erosion Control measures.
25. Detailed study shall be carried out in regard to impact of mining around the proposed mine lease area on the nearby Villages, Water-bodies/ Rivers, & any ecological fragile areas.
26. The project proponent shall study impact on fish habitats and the food WEB/ food chain in the water body and Reservoir.
27. The project proponent shall study and furnish the details on potential fragmentation impact on natural environment, by the activities.
28. The project proponent shall study and furnish the impact on aquatic plants and animals in water bodies and possible scars on the landscape, damages to nearby caves, heritage site, and archaeological sites possible land form changes visual and aesthetic impacts.
29. The Terms of Reference should specifically study impact on soil health, soil erosion, the soil physical, chemical components and microbial components.
30. The Environmental Impact Assessment should study on wetlands, water bodies, rivers streams, lakes and farmer sites.

Energy

31. The measures taken to control Noise, Air, Water, Dust Control and steps adopted to efficiently utilise the Energy shall be furnished.

Climate Change

32. The Environmental Impact Assessment shall study in detail the carbon emission and also suggest the measures to mitigate carbon emission including development of carbon sinks and temperature reduction including control of other emission and climate mitigation activities.
33. The Environmental Impact Assessment should study impact on climate change, temperature rise, pollution and above soil & below soil carbon stock.

Mine Closure Plan

34. Detailed Mine Closure Plan covering the entire mine lease period as per precise area communication order issued.

EMP

35. Detailed Environment Management Plan along with adaptation, mitigation & remedial strategies covering the entire mine lease period as per precise area communication order issued.


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36. The Environmental Impact Assessment should hold detailed study on EMP with budget for Green belt development and mine closure plan including disaster management plan.

Risk Assessment

37. To furnish risk assessment and management plan including anticipated vulnerabilities during operational and post operational phases of Mining.

Disaster Management Plan


38. To furnish disaster management plan and disaster mitigation measures in regard to all aspects to avoid/reduce vulnerability to hazards & to cope with disaster/untoward accidents in & around the proposed mine lease area due to the proposed method of mining activity & its related activities covering the entire mine lease period as per precise area communication order issued.

Others

39. The project proponent shall furnish VAO certificate with reference to 300m radius regard to approved habitations, schools, Archaeological sites, Structures, railway lines, roads, water bodies such as streams, odai, vaari, canal, channel, river, lake pond, tank etc.

40. As per the MoEF& CC office memorandum F.No.22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall address the concerns raised during the public consultation and all the activities proposed shall be part of the Environment Management Plan.

41. The project proponent shall study and furnish the possible pollution due to plastic and microplastic on the environment. The ecological risks and impacts of plastic & microplastics on aquatic environment and fresh water systems due to activities, contemplated during mining may be investigated and reported.


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