

MINUTES

715th MEETING

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

Date: 29.04.2024

MINUTES OF THE 715th MEETING OF THE STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY HELD ON 29.04.2024.

Agenda No	Description	File No.	Minutes				
a)	Confirmation of the minutes of the 714 th meeting of the Authority held on 24.04.2024.		The minutes of the 714 th meeting of the Authority held on 24.04.2024 was confirmed.				
1.	<p>File No: 10255</p> <p>Proposed Gravel quarry lease over an extent of 2.47.0 Ha at S.F.Nos. 85/4 and 85/5A of Malaikandan village, Karaikudi Taluk, Sivagangai District, Tamil Nadu by Thiru. R.Suresh Kumar - For Environment Clearance. (SIA/TN/MIN/437583/2023)</p> <p>The SEIAA noted that the subject was placed in the 456th meeting of SEAC held on 02.04.2024 and it has been minuted that,</p> <p>SEAC noted that a part of the sentence was omitted to be included in the minutes inadvertently in Agenda No. 17 of 440th SEAC meeting held on 11.01.2024 and hence, the Committee decided to issue the following corrigendum:</p> <table border="1" data-bbox="300 1061 1401 1850"> <thead> <tr> <th data-bbox="300 1061 842 1118">As per the 440th minutes</th> <th data-bbox="842 1061 1401 1118">To be read as</th> </tr> </thead> <tbody> <tr> <td data-bbox="300 1118 842 1850"> <p>SEAC carefully examined the reply furnished by the PP and decided to remove the following condition stipulated in the minutes of 412th meeting of SEAC held on 29.09.2023.</p> <p>The SEAC further decided to reiterate the recommendations already made in the 412th meeting of SEAC held on 29.09.2023. All the other conditions remain unaltered.</p> </td> <td data-bbox="842 1118 1401 1850"> <p>SEAC carefully examined the reply furnished by the PP and decided to remove the following condition stipulated in the minutes of 412th meeting of SEAC held on 29.09.2023.</p> <p><i>The PP shall furnish an affidavit stating that the mining of gravel from the quarry is used only for own purposes, at the time of lease of execution.</i></p> <p>The SEAC further decided to reiterate the recommendations already made in the 412th meeting of SEAC held on 29.09.2023. All the other conditions remain unaltered.</p> </td> </tr> </tbody> </table>			As per the 440 th minutes	To be read as	<p>SEAC carefully examined the reply furnished by the PP and decided to remove the following condition stipulated in the minutes of 412th meeting of SEAC held on 29.09.2023.</p> <p>The SEAC further decided to reiterate the recommendations already made in the 412th meeting of SEAC held on 29.09.2023. All the other conditions remain unaltered.</p>	<p>SEAC carefully examined the reply furnished by the PP and decided to remove the following condition stipulated in the minutes of 412th meeting of SEAC held on 29.09.2023.</p> <p><i>The PP shall furnish an affidavit stating that the mining of gravel from the quarry is used only for own purposes, at the time of lease of execution.</i></p> <p>The SEAC further decided to reiterate the recommendations already made in the 412th meeting of SEAC held on 29.09.2023. All the other conditions remain unaltered.</p>
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After detailed discussions, the SEIAA taking into account the recommendations of SEAC and also the safety aspects and to ensure sustainable, scientific and systematic mining, decided to **grant Environmental Clearance for the quantity of 37966 m³ of Gravel** upto the depth of **2m BGL** and the **annual peak production of 18983 m³ of Gravel** as per the approved mining plan. 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.

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 EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every 5 years and also during the mine plan period, till the project life so as to review the EC conditions and to ensure that they have all been adhered to and implemented.
3. The project proponent shall submit a Certified Compliance Report obtained from IRO of MoEF&CC to the monitoring, regulatory and other concerned authorities including SEIAA, while seeking a renewal of the mining plan to cover the project life.
4. There should be regular monitoring of air quality, water quality, ground water level and noise quality and reports regarding the same should be submitted to TNPCB, SEIAA & IRO of MoEF&CC once in every 6 months.
5. The proponent shall strictly adhere to the mining plan and half yearly and annual returns shall be submitted to the Director of Geology and Mining Department with copy marked to TNPCB, SEIAA & IRO of MoEF&CC.
6. Biodiversity in and around the project area should be monitored frequently and detailed biodiversity report should be submitted every year to SEIAA & IRO of MoEF&CC.
7. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP and as per the amount committed and approved in EC for EMP. Status of progressive mine closure and green belt implementation should be included in the half yearly compliance report submitted to TNPCB, SEIAA & IRO of MoEF&CC.
8. 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


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	<p>environmental conditions prescribed in the prior environmental clearance letter(s) through newly developed compliance module in the PARIVESH Portal from the respective login.</p> <p>9. 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</p>		
2.	<p>Proposed Rough Stone and Gravel quarry over an extent of 4.87.88Ha in S.F.No. 124/30, 124/31, 124/32, 124/33, 117/1, 117/5, 117/6, 117/4, 117/12B, 117/2, 141/2B2(P), 141/2E1, 124/17, 124/22, 124/23, 124/24, 124/25A, 124/25B, 124/35A, 124/34, 124/35B, 124/16, 124/29, 124/6, 124/7, 124/11, 124/36, 124/14, 124/15, 141/2C1, 141/2C2, 141/2E2(P), 141/3(P), 141/4(P), 117/7, 124/8A, 124/8B, 124/12, 124/18, 124/9, 124/10, 124/13, 124/19, 124/20 and 124/21 of poonaithangal Village, Vembakkam Taluk, Tiruvannamalai District, Tamil Nadu by M/s.Aditya Durga Aggregates Pvt Ltd - for Terms of Reference. (SIA/TN/MIN/82361/2022)</p>	9457	<p>The authority noted that this proposal was placed for appraisal in 456th meeting of SEAC held on 28.03.2024. The SEAC noted the following:</p> <p>The Project Proponent was absent. Hence the subject was not taken up for discussion. The project proponent shall furnish the reason for his absence.</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 28.03.2024.</p>
3.	<p>Proposed Rough stone quarry lease over an extent of 4.60.0 Ha at S.F.No. 420 (Part 3) of</p>	9544	<p>The authority noted that the proposal was placed for appraisal in the 456th meeting of SEAC held on 28.03.2024. Based on the</p>


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<p>Thuppuganapalli Village, Shoolagiri Taluk, Krishnagiri District, Tamil Nadu by M/s. Sumukha Blue Metals & Blocks LLP - for Environmental Clearance. (SIA/TN/MIN/449485/2023)</p>		<p>presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance subject to the conditions stated therein.</p> <p>The Authority noted that many of the Terms of Reference conditions not been studied by the Proponent. The following conditions should be studied.</p> <ol style="list-style-type: none"> 1. The PP shall incorporate the detailed study on mitigation measures in consultation with the DFO, since the CNWLS is located within 10 Km and spell out the items of works to be carried out by the DFO concerned for the amount of Rs. 10 Lakhs. 2. The PP shall carry out the scientific studies to assess the hydrogeological condition of the quarry for ensuring the safety of the persons working in the mine and to determine impacts of the mining operation on the ground water conditions in the waterbodies, by involving any one of the reputed Research and Academic Institution - CSIR-Central Institute of Mining & Fuel Research / Dhanbad, NIRM/Bangalore, Division of Geotechnical Engineering-IIT-Madras, NIT-Dept of Mining Engg, Surathkal, University of Madras – Centre for Environmental Studies, and Anna
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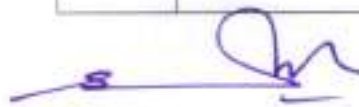
		<p>University Chennai-Dept of Geology, CEG Campus.</p> <ol style="list-style-type: none"> 3. The Proponent shall carry out the Cumulative impact study due to mining operations carried out in the quarry specifically with reference to the specific environment in terms of soil health, biodiversity, air pollution, water pollution, climate change and flood control & health impacts. Accordingly, the Environment Management plan should be prepared keeping the concerned quarry and the surrounding habitations in the mind. 4. Rain water harvesting management with recharging details along with water balance (both monsoon & non-monsoon) be submitted. 5. A detailed mine closure plan for the proposed project shall be included in EIA/EMP report which should be site-specific. 6. 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. 7. The PP should specifically study impact on soil health, soil erosion, the soil physical, chemical components and microbial components. 8. The Environmental Impact Assessment should study impact on climate change,
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			<p>temperature rise, pollution and above soil & below soil carbon stock.</p> <p>The Authority after detailed deliberation, decided to refer back the proposal to SEAC-TN to furnish its recommendations to SEIAA to take further course of action.</p>
4.	<p>Proposed Rough Stone and Gravel Quarry over an extent of 4.80.5 Ha at S.F.Nos.458(P), 459/1(P), 459/2 & 459/3(P) of Kasthuriengapuram Part-I Village, Tisaiyanvilai Taluk, Tirunelveli District, Tamil Nadu by M/s. Murugan Blue Metals-For Environmental Clearance. (SIA/TN/MIN/450743/2023)</p>	10534	<p>The authority noted that the proposal was placed for appraisal in the 456th meeting of SEAC held on 28.03.2024. Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance subject to the conditions stated therein.</p> <p>After detailed discussions, the Authority decided to obtain the following details from the PP for further course of action</p> <ol style="list-style-type: none"> 1. The PP shall carry out the scientific studies to assess the hydrogeological condition of the quarry for ensuring the safety of the persons working in the mine and to determine impacts of the mining operation on the ground water conditions in the waterbodies, by involving any one of the reputed Research and Academic Institution - CSIR-Central Institute of Mining & Fuel Research / Dhanbad, NIRM/Bangalore, Division of Geotechnical Engineering-IIT-Madras, NIT-Dept of Mining Engg, Surathkal, University of Madras – Centre for



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			<p>Environmental Studies, and Anna University Chennai-Dept of Geology, CEG Campus.</p> <p>2. The Proponent shall carry out the Cumulative impact study due to mining operations carried out in the quarry specifically with reference to the specific environment in terms of soil health, biodiversity, air pollution, water pollution, climate change and flood control & health impacts. Accordingly, the Environment Management plan should be prepared keeping the concerned quarry and the surrounding habitations in the mind.</p> <p>3. 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.</p> <p>In view of the above, Authority decided to request the Member Secretary, SEIAA to communicate the minutes to the project proponent.</p>
5.	Proposed Earth quarry lease over an extent of 1.78.50 Ha at S.F.Nos. 94/4, 94/5, 94/9 and 94/10 of Panjar Village, Kariyapatty Taluk, Virudhunagar District, Tamil Nadu by Thiru. M.Nallamaruthu- For Environmental Clearance. (SIA/TN/MIN/234623/2021)	8857	The authority noted that the proposal was placed for appraisal in the 456 th meeting of SEAC held on 28.03.2024. Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance subject to the conditions stated therein.


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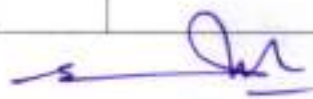
			<p>After detailed discussions, the Authority decided to obtain the following details from the PP for further course of action</p> <ol style="list-style-type: none"> 1. The total max quantity is 20,082 cu.m of Earth which is very less. Hence, The Proponent shall examine the possibilities to carry out the sustainable mining activity in the proposed lease area within two years instead of three years to avoid illegal mining. If so, the proponent shall obtain revised mining plan accordingly. 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>In view of the above, Authority decided to request the Member Secretary, SEIAA to communicate the minutes to the project proponent.</p>
6.	Proposed Rough Stone & Gravel quarry lease over an extent of 1.50.0 Ha in S.F. No. 924/2 (P) of Thennilai West Village, Pugalur Taluk, Karur District, Tamil Nadu by Tmt. R.Gokila - For Environmental Clearance. (SIA/TN/MIN/440089/2023)	10389	<p>The authority noted that the proposal was placed for appraisal in the 456th meeting of SEAC held on 28.03.2024. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.</p> <p>After detailed discussions, the Authority taking into account the recommendations of SEAC and also the safety aspects and to ensure sustainable, scientific and systematic mining, decided to grant Environmental</p>

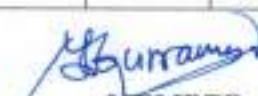

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		<p>Clearance for the quantity of 1,47,195 m³ of rough stone & 19,930 m³ of Gravel up to the depth of 32m BGL and the annual peak production should not exceed 18,720m³ of rough stone & 7,654 m³ of Gravel. This is also subject to the conditions imposed by SEAC, normal conditions stipulated by MOEF&CC 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 EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every 5 years and also during the mine plan period, till the project life so as to review the EC conditions and to ensure that they have all been adhered to and implemented. 3. The project proponent shall submit a Certified Compliance Report obtained from IRO of MoEF&CC to the monitoring, regulatory and other concerned authorities including SEIAA, while seeking a renewal of the mining plan to cover the project life. 4. There should be regular monitoring of air quality, water quality, ground water
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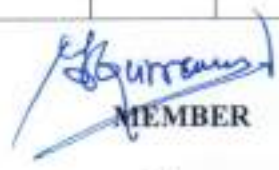

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		<p>level and noise quality and reports regarding the same should be submitted to TNPCB, SEIAA & IRO of MoEF&CC once in every 6 months.</p> <p>5. The proponent shall strictly adhere to the mining plan and half yearly and annual returns shall be submitted to the Director of Geology and Mining Department with copy marked to TNPCB, SEIAA & IRO of MoEF&CC.</p> <p>6. Biodiversity in and around the project area should be monitored frequently and detailed biodiversity report should be submitted every year to SEIAA & IRO of MoEF&CC.</p> <p>7. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP and as per the amount committed and approved in EC for EMP. Status of progressive mine closure and green belt implementation should be included in the half yearly compliance report submitted to TNPCB, SEIAA & IRO of MoEF&CC.</p> <p>8. 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)</p>
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			<p>through newly developed compliance module in the PARIVESH Portal from the respective login.</p> <p>9. 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>
7.	Existing Rough stone and Gravel lease over an extent of 1.00.0 Ha of Government Land at S.F.No.25/1(part), in Panamarathupatty Village, Salem Taluk, Salem District, Tamil Nadu by Thiru. K. Prakash – Re-appraisal of Environment Clearance issued by DEIAA. (SIA/TN/MIN/431100/2023)	10395	<p>The SEIAA noted that the subject was placed in the 456th meeting of SEAC held on 02.04.2024 and the SEAC has furnished its recommendations for the grant of Environmental Clearance to the project subject to the conditions stated therein.</p> <p>After detailed discussions, the SEIAA taking into account the recommendations of SEAC and also the safety aspects and to ensure sustainable, scientific and systematic mining, decided to grant Environmental Clearance for the quantity of 321910 m³ of Rough stone upto the restricted depth of 46m AGL and the annual peak production of 76000m³ of Rough stone as per the approved mining plan. This is also subject to the standard conditions as per Annexure - (I) of SEAC minutes, other normal conditions stipulated by MOEF&CC &</p>



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		<p>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 EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every 5 years and also during the mine plan period, till the project life so as to review the EC conditions and to ensure that they have all been adhered to and implemented. 3. The project proponent shall submit a Certified Compliance Report obtained from IRO of MoEF&CC to the monitoring, regulatory and other concerned authorities including SEIAA, while seeking a renewal of the mining plan to cover the project life. 4. There should be regular monitoring of air quality, water quality, ground water level and noise quality and reports regarding the same should be submitted to TNPCB, SEIAA & IRO of MoEF&CC once in every 6 months. 5. The proponent shall strictly adhere to the mining plan and half yearly and
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		<p>annual returns shall be submitted to the Director of Geology and Mining Department with copy marked to TNPCB, SEIAA & IRO of MoEF&CC.</p> <p>6. Biodiversity in and around the project area should be monitored frequently and detailed biodiversity report should be submitted every year to SEIAA & IRO of MoEF&CC.</p> <p>7. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP and as per the amount committed and approved in EC for EMP. Status of progressive mine closure and green belt implementation should be included in the half yearly compliance report submitted to TNPCB, SEIAA & IRO of MoEF&CC.</p> <p>8. 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 newly developed compliance module in the PARIVESH Portal from the respective login.</p> <p>9. The amount allocated for EMP should be kept in a separate account and both the capital and recurring expenditures</p>
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			<p>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>
8.	<p>Proposed Ordinary Earth Quarry lease over an extent of 3.33.30 Ha of PWD Tank at S.F.Nos. 468 (P), Melmudalambedu Village, Gummidipoondi Taluk, Thiruvallur District, Tamil Nadu by Thiru.J.Dhanasekaran - For Environment Clearance. (SIA/TN/MIN/165964/2020)</p>	7801	<p>The SEIAA noted that the subject was placed in the 456th meeting of SEAC held on 02.04.2024 and the Committee noted that the PP is yet to submit the Soil Analysis Report. Therefore, the SEAC decided to defer the subject to a later date directing the PP to furnish the same. On receipt of the details sought above, the SEAC will further deliberate and decide on future course of action.</p>
9.	<p>Existing Black Granite Quarry over an extent of 6.59.91 Ha. at S.F. Nos. 83 (Part) of Jamanahalli Village, Pappireddipatti Taluk, Dharmapuri District, Tamil Nadu by M/s. Tamil Nadu Minerals Limited - For Environmental Clearance under violation category. (SIA/TN/MIN/72624/2018)</p>	1193	<p>The SEIAA noted that the subject was placed in the 456th meeting of SEAC held on 02.04.2024 and the SEAC noted that the Government of Tamil Nadu has deferred the payment of Dead Rent and Area Assessment and other mining dues payable by TAMIN vide G.O(D)No.26 Natural Resources (MMA.1) Dept. dt:05.03.2024 for the period upto 31.03.2025. Hence the SEAC decided to reiterate the recommendations already made in the 404th meeting of SEAC held on 25.08.2023 and to exclude the following condition imposed stipulated in the said minutes:</p>



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"The company shall obtain 'No Dues Certificate' from State Government i.e. Department of Geology & Mining within a period of two weeks and submit the same to SEAC before grant of EC, if not produced earlier."


All the other conditions stipulated in the minutes dated 25.08.2023 of the 404th meeting of SEAC remain unaltered.

After detailed discussions, the SEIAA taking into account the recommendations of SEAC and also the safety aspects and to ensure sustainable, scientific and systematic mining, decided to **grant Environmental Clearance for the quantity of RoM of 857670 m³ and Black Granite @10% recovery of 8577 m³ upto the 30m AGL and the annual peak production of 17388 m³ of RoM and 1739 m³ of Black Granite @10% recovery as per the approved mining plan. 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.**

1. The company shall obtain 'No Dues Certificate' from State Government i.e. Department of Geology & Mining and submit the same to TNPCB before obtaining CTO.
2. Keeping in view of MoEF&CC's notification S.O.1533(E)


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		<p>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.</p> <ol style="list-style-type: none"> 3. The EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every 5 years and also during the mine plan period, till the project life so as to review the EC conditions and to ensure that they have all been adhered to and implemented. 4. The project proponent shall submit a Certified Compliance Report obtained from IRO of MoEF&CC to the monitoring, regulatory and other concerned authorities including SEIAA, while seeking a renewal of the mining plan to cover the project life. 5. There should be regular monitoring of air quality, water quality, ground water level and noise quality and reports regarding the same should be submitted to TNPCB, SEIAA & IRO of MoEF&CC once in every 6 months. 6. The proponent shall strictly adhere to the mining plan and half yearly and annual returns shall be submitted to the Director of Geology and Mining Department with copy marked to TNPCB, SEIAA & IRO of MoEF&CC. 7. Biodiversity in and around the project area should be monitored frequently
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and detailed biodiversity report should be submitted every year to SEIAA & IRO of MoEF&CC.

8. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP and as per the amount committed and approved in EC for EMP. Status of progressive mine closure and green belt implementation should be included in the half yearly compliance report submitted to TNPCB, SEIAA & IRO of MoEF&CC.
9. 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 newly developed compliance module in the PARIVESH Portal from the respective login.
10. 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



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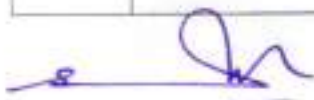


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			of concerned authorities during inspections.
10.	Existing Rough stone and Gravel Quarry lease over an extent of 2.43.0 Ha at S.F.No.170/1(Part), 171, 172 & 173/4(Part) in Thennilai South village, Pugalur Taluk, Karur District, Tamil Nadu by Thiru. M/s. Sakthi Blue Metals Private limited – Environment Clearance issued by DEIAA - Reappraisal of the project (SIA/TN/MIN/431074/2023)	10311	<p>The SEIAA noted that the subject was placed in the 456th meeting of SEAC held on 02.04.2024. The SEAC noted that in the KML file furnished by the Project Proponent, the Committee noticed the following among other things:</p> <p>A polytechnic college is located at a distance of 400m from the boundary of the mine lease area. Continuous exposure to the blasting noise and dust pollution caused by the quarrying activity all the day, for years together, may pose health risk to the students. Further frequent movement of heavy vehicles with mined mineral plying near the college area may endanger the lives of the commuting students.</p> <p>Further, the SEAC has observed that the polytechnic college is located within the danger zone as stipulated in the DGMS Circular (Tech) No. 8/1982. Hence, it is ensured that</p> <p><i>"...The safety of the public structure not belonging to the owner of the mine and in the instant case the structural safety of school & safety of children shall be protected as per the provisions of Regulation 164 (1-A)(b) & 164(1-B)(a) of the Metalliferous Mines Regulations, 1961 framed under the Mines Act, 1952..."</i></p> <p>The "Precautionary Principle" makes it mandatory for the State Government to</p>



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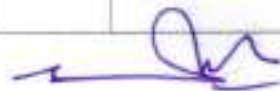


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		<p>anticipate, prevent and attack the causes of environment degradation such as providing unsafe situation for the sensitive places including schools, colleges, hospitals, etc.</p> <p>This Doctrine of public trust and precautionary measures were discussed in public interest litigation no. 87/ 2006 in Bombay Environmental Action Group Vs. State of Maharashtra 2018 SCC online bombay 2680.2019(1) Bombay CRI and it was held as follows: -</p> <p><i>"Apex Court observed thus:</i></p> <p><i>"...The ancient Roman Empire developed a legal theory known as the "doctrine of the public trust....".</i></p> <p><i>"...It was founded on the premise that certain common properties are of immense importance to the people in general and they must be held by the Government as a trustee for the free and unimpeded use by the general public and it would be wholly unjustified to make them a subject of private ownership. The doctrine enjoins upon the Government to protect the resources for the enjoyment of the general public rather than to permit their use for private ownership or commercial exploitation to satisfy the greed of a few...."</i></p> <p>The SEAC has critically taken the observation of the points observed by the Regulatory body –DGMS vide (Tech) Cir.No.2 of 2003 which states as follows</p>
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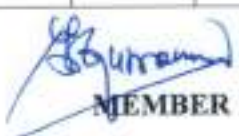
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		<p>".....There had been, however, a number of instances where flying fragments due to blasting had ejected not only within but also beyond the danger Zone of 300 m, resulting into serious and even fatal accidents This Directorate from time to time had drawn the attention of all concerned about the dangers (torn flying projectiles through issue of DGMS Circulars Viz. Circular Tech. 15/1977 and 8/1982.</p> <p>".....In another accident in the opencast coal mine, the projectiles ejected due to blasting travelled for a distance of about 412m in the reverse direction away from the free face and hit a mechanical supervisor. The enquiry further revealed that the deceased had taken proper shelter in a blasting shelter but had come out of the shelter immediately on hearing to the sound of blast and was subsequently hit by the projectiles Over years there had been refinement of blasting practices as well as development in explosives and accessories, whereby it is possible to control the throw and prevent ejection of flying fragments within a safe distance with relative ease There is, therefore, no reason why such type of accident should continue to occur....."</p> <p>Such matter when it came into consideration before the Principal Bench of the Tribunal vide order dated 28.02.2020 in Original Application no. 304/2019 and the Tribunal observed as follows:</p>
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		<p><i>"3. We find that the environmental norms require assessment of impact of such activities and mere distance of 50 m or more. By itself is not enough to dispense with such norms..."</i></p> <p><i>"...any stone quarry near the residence and public road is bound to cause air and noise pollution even beyond 50 m. In this regard, reference may be made of observations in the judgments of the Hon"ble Supreme Court in M.C. Mehta v. Union of India, (1996) 8 SCC 496 and Mohammed Haroon Ansari v. District Collector, Ranga Reddy District, (2004) 1 SCC 491. In granting EC, this consideration has to be kept in mind in view of the fact that clean and safe environment is a part of right to life..."</i></p> <p>In M.C. Mehta Vs. Union of India & Ors., ((2004) 12 SCC 118), the Apex Court observed held:-</p> <p><i>"....47. The mining operation is hazardous in, nature, it impairs ecology and people's right of natural resources."</i></p> <p><i>"....For carrying on any mining activity close to township which has tendency to degrade environment and are likely to impair the quality of life or inhabitants of the area, there would be greater responsibility on the part of the entrepreneur. The fullest disclosures including the potential for increased</i></p>
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		<p><i>burdens on the environment consequent upon possible increase in the quantum and degree of pollution, has to be made at the outset so that public and all those concerned including authorities may decide whether the permission can at all be granted for carrying on mining activity. The regulatory authorities have to act with utmost care in ensuring compliance of safeguards, norms and standards to be observed by such entrepreneurs. When questioned, the regulatory authorities have to show that the said authorities acted in the manner enjoined upon them. Where the regulatory authorities, either connive or act negligently by not taking prompt action to prevent, avoid or control the damage to environment, natural resources and peoples' life, health and property, the principles of accountability for restoration and compensation have to be applied....."</i></p> <p>Therefore, the SEAC is of the view, as earlier observed that the distance of 400 m for a rough stone quarry, particularly when the heavy blasts are involved in the hard, massive and highly competent rock mass such as Charnockite, is highly inadequate and can have deleterious effect on ground vibration, flyrock, noise and air pollution, environment and public health and hence by following the DGMS Circular (Tech) No. 8/1982 which strongly recommends the mine management to maintain the danger</p>
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			<p>zone of 500 m from the place of firing during the blasting operation.</p> <p>Hence, considering the location of the Polytechnic College at a distance of 400m from the existing quarry lease boundary, the SEAC decided not to recommend the proposal for grant of Environmental Clearance.</p> <p>After detailed discussions, the Authority, accepting the above recommendations of the SEAC to not to grant Environmental Clearance for the project decided to reject Environmental Clearance for the project.</p>
11.	<p>Proposed Rough stone and Gravel Quarry lease over an extent of 2.60.5 Ha at S.F.No. 402/1 and 402/2 in Palamadai Village, Tirunelveli Taluk, Tirunelveli District, Tamil Nadu by Thiru. P. Arumugasundar – For Environment Clearance. (SIA/TN/MIN/449657/2023)</p>	10507	<p>The SEIAA noted that the subject was placed in the 456th meeting of SEAC held on 02.04.2024 and the SEAC has furnished its recommendations for the grant of Environmental Clearance to the project subject to the conditions stated therein.</p> <p>The SEIAA further noted that SEAC has reported that there is a private school located at a distance of 451 m from the boundary of proposed mine lease area.</p> <p>After detailed discussions, the SEIAA decided to refer back the subject to SEAC for furnishing remarks as SEAC has not recommended EC for one of the project proposals citing the following reason:</p> <p><i>The distance of 400 m for a rough stone quarry, particularly when the heavy blasts are involved in the hard, massive and highly competent rock mass such as Charnockite, is highly inadequate and</i></p>


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			<p>can have deleterious effect on ground vibration, flyrock, noise and air pollution, environment and public health and hence by following the DGMS Circular (Tech) No. 8/1982 which strongly recommends the mine management to maintain the danger zone of 500 m from the place of firing during the blasting operation.</p> <p>Hence, considering the location of the Polytechnic College at a distance of 400m from the existing quarry lease boundary, the SEAC decided not to recommend the proposal for grant of Environmental Clearance.</p>
12.	Proposed Rough Stone & Gravel Quarry lease over an extent of 2.00.5 Ha (Patta land) in S.F.Nos. 232/1B & 233/4B of Kokkalai Village, Tiruchengode Taluk, Namakkal District, Tamil Nadu by Thiru. C. Sivakumar – for Environmental Clearance. (SIA/TN/MIN/437764/2023)	8615	<p>The authority noted that the subject was appraised in the 456th SEAC meeting held on 28.03.2024. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.</p> <p>The authority during deliberations noted that complaints were received at SEIAA-TN on 29.04.2024 from Thiru.Mugilan and others against the quarrying activity proposed by Thiru.Sivakumar stating that there are structures and deep bore wells within 300m radius from the proposed project site.</p> <p>In view of the above, the authority decided to refer back the proposal to SEAC along with complaints received for seeking remarks.</p>



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13.	Proposed Rough Stone quarry lease area over an extent of 1.25.0 Ha (Government Poromboke Land) at S.F. No. 629 (West) of Aniyappur Village, Manapparai Taluk, Trichirappalli District, Tamil Nadu by Thiru.P. Xavier (legal heir of late Thiru.A.Pitchaimuthu) - For Environmental Clearance. (SIA/TN/MIN/34145/2015)	4786	<p>The authority noted that the subject was appraised in the 456th SEAC meeting held on 28.03.2024. Based on the presentation and details furnished by the project proponent the Committee noted that ToR under violation category was issued to the proponent vide Lr.No.SEIAA-TN/F.No.4786/ToR-443/2018 dated.30.05.2018. Now, the proponent requests to consider his proposal under 'non-violation' category quoting the Judgement of Hon'ble Southern Zone, Chennai in O.A.No.136/2017 dated.30.06.2020.</p> <p>The Committee, after deliberations, decided that the proponent shall furnish sufficient documentary evidence supporting his claim to take further course of action on the proposal. The authority noted the minutes of SEAC.</p>
14.	Proposed Gravel quarry lease over an extent of 1.68.5Ha at SF.Nos. 897/1, 897/3 & 897/4 of Arasiramani Bit-II Village, Sankari Taluk, Salem District, Tamil Nadu by Thiru.K.M.Murugan - For Environmental Clearance. (SIA/TN/MIN/451566/2023)	10531	<p>The authority noted that the subject was appraised in 456th SEAC meeting held on 28.03.2024. The committee noted that, SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.</p> <p>The authority, during deliberations noted following,</p> <ol style="list-style-type: none"> 1. It seems a School is located at 230 m, PP shall furnish the details of No.of students studying in the school and furnish the details whether that school falls in the safer zone or away from safer zone.



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			<p>2. It seems that The recommended production quantity and annual peak production is varied from revised mining plan production quantity.</p> <p>In view of these, the authority decided to refer back the proposal to SEAC for re-appraisal on the above said points.</p>
15.	Proposed Rough Stone quarry lease over an extent of 1.03.0 Ha in S. F. Nos. 1840/1G, 1840/1J, 1840/1K, 1840/1L, 1840/2A, 1840/2B, 1840/2C and 1840/2G of Timmarasanaickanur Bit-II Village, Andipatti Taluk, Theni District, Tamil Nadu by Thiru.K. Jeganathan - For Environmental Clearance. (SIA/TN/MIN/432760/2023)	10454	<p>The authority noted that this proposal was placed for appraisal in 456th meeting of SEAC held on 28.03.2024. The SEAC noted the following:</p> <p>The Project Proponent was absent.Hence the subject was not taken up for discussion.The project proponent shall furnish the reason for his absence.</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 28.03.2024.</p>
16.	Proposed Rough Stone quarry over an extent of 1.45.0 Ha (Government Poramboke land) at S.F.No. 146 (Part-2C) of Mallapuram Village, Sankarapuram Taluk, Villupuram District, Tamil Nadu by Thiru. N. Pandiyan - For Environmental Clearance. (SIA/TN/MIN/188130/2020)	8145	<p>The authority noted that the subject was appraised in the 456th SEAC meeting held on 28.03.2024. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.</p> <p>After detailed discussions, the Authority taking into account the recommendations of SEAC and also the safety aspects and to ensure sustainable, scientific and systematic mining, decided to grant Environmental Clearance for the quantity restricted to 1,27,933 m³ of Rough Stone up to the ultimate depth of 49m</p>


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(19m above ground level + 30m below ground level) and the annual peak production should not exceed 39,498 m³ of Rough Stone. This is also subject to the conditions imposed by SEAC, normal conditions stipulated by MOEF&CC in addition to the following conditions and the conditions in Annexure 'A' of this minutes.

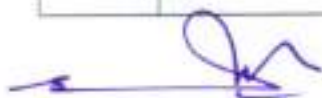
1. Keeping in view of MoEF&CC's notification S.O.1533(E) dated.14.09.2006 and S.O. 1807(E) dated 12.04.2022, this Environmental Clearance is valid as per the approved mine plan period.
2. The EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every 5 years and also during the mine plan period, till the project life so as to review the EC conditions and to ensure that they have all been adhered to and implemented.
3. The project proponent shall submit a Certified Compliance Report obtained from IRO of MoEF&CC to the monitoring, regulatory and other concerned authorities including SEIAA, while seeking a renewal of the mining plan to cover the project life.
4. There should be regular monitoring of air quality, water quality, ground water level and noise quality and reports regarding the same should be submitted


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		<p>to TNPCB, SEIAA & IRO of MoEF&CC once in every 6 months.</p> <p>5. The proponent shall strictly adhere to the mining plan and half yearly and annual returns shall be submitted to the Director of Geology and Mining Department with copy marked to TNPCB, SEIAA & IRO of MoEF&CC.</p> <p>6. Biodiversity in and around the project area should be monitored frequently and detailed biodiversity report should be submitted every year to SEIAA & IRO of MoEF&CC.</p> <p>7. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP and as per the amount committed and approved in EC for EMP. Status of progressive mine closure and green belt implementation should be included in the half yearly compliance report submitted to TNPCB, SEIAA & IRO of MoEF&CC.</p> <p>8. 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 newly developed compliance</p>
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			<p>module in the PARIVESH Portal from the respective login.</p> <p>9. 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> <p>10. The PP shall use the reclaimed mine site for various enduses like Agricultural purpose, Developing Eco-tourism, Developing Gardens & Parks for educational purpose.</p>
17.	Existing Rough Stone Quarry Extent: 2.45.0ha S.F. No:81/1, Ittikal Agaram Village, Krishnagiri Taluk, Krishnagiri District, Tamil Nadu by Thiru. N.Santhamoorthy - For Environmental Clearance. (SIA/TN/MIN/440397/2023)	10330	<p>The authority noted that the subject was appraised in the 456th SEAC meeting held on 28.03.2024. SEAC has decided to not recommend the proposal for the grant of Environmental Clearance for the reasons stated therein.</p> <p>Taking into consideration, the Authority noted the following:</p> <ol style="list-style-type: none"> 1. Documents & KML reveals that any further change in the land use & land patterns will impact the agriculture & horticulture in the surroundings which in turn affects the Ground water quality. 2. Further, it is observed that the school is



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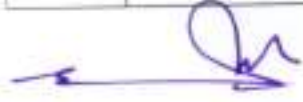


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		<p>located at a distance of 290 m for a rough stone quarry, particularly when the heavy blasts are involved in the hard, massive and highly competent rockmass such as Charnockite, is highly inadequate and can have deleterious effect on ground vibration, flyrock, noise and air pollution, environment and public health and hence by following the DGMS Circular (Tech) No. 8/1982 which strongly recommends the mine management to maintain the danger zone of 500 m from the place of firing during the blasting operation.</p> <p>3. Hence, considering the location of the Government Higher Secondary School at a distance of 290m from the existing quarry lease boundary, the SEAC decided not to recommend the proposal for grant of Environmental Clearance.</p> <p>Therefore, considering the fragility & sensitivity of the proposed quarry site, SEIAA accepts the decision of SEAC and not to recommend the proposal for Environmental Clearance.</p>
18.	<p>File No: 10490 Proposed Expansion of Development of Industrial Park at S.F.Nos. 17/2, 18/1B, 18/2B, 18/3B, 18/5, 18/6, 19/3B, 19/4, 19/5, 20/1, 20/2, 21/1, 21/2, 21/3, 21/4A, 21/4B, 21/5, 22/1, 22/2, 22/3, 22/4, 23/1, 23/2, 23/3, 24/1, 24/2, 24/3, 25/6, 26/1, 26/2, 26/3, 27/2, 27/3A, 27/3B, 28/1, 28/2, 29, 30, 32/1, 32/2, 32/3, 32/4, 32/5, 32/6, 34/1, 35/2, 45/1, 45/2A, 45/2B, 45/5, 45/6, 47, 59/2,</p>	


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83/3B, 101/1B, 101/2B, 102/1, 102/3, 103/2, 113/1, 113/2, 114/1, 115/1, 115/2, 115/3, 115/4, 116/1A, 116/1B, 116/2, 116/3, 116/4, 116/5, 117, 118/1, 118/2, 119, 120/2, 233/2, 242/1, 242/2, 243, 244, 245/1A, 245/1B2, 245/2B, 247, 248/1A, 248/1B, 248/2, 249/1, 249/2, 250, 251, 253/1, 253/2, 254/1A, 254/1B, 254/1C, 254/2, 254/3, 254/4, 255, 256/1, 259/1, 260/1, 260/2, 261/1, 261/2, 262/1A2, 262/2A, 262/2B, 266/2B, 267/1B, 267/2, 268, 271/2, 272, 273, 274 of Panapakkam Village and S.F.Nos: 379/1, 379/2A, 380/2, 380/3B1, 380/3B2, 382/2A, 382/2B, 383/1A, 383/1B, 383/2A, 383/2B, 383/3, 384/1A, 384/1B, 384/3A, 384/3B, 384/4, 385/1B, 385/2A2, 385/2B, 386/1A, 386/2A2, 391/1, 391/2, 391/2A, 391/2B, 391/3, 391/3A, 391/3B, 391/4, 391/5, 391/6A, 391/7, 392, 392/1C, 392/1D, 392/1E, 392/1F, 392/1H, 392/1I, 392/1J, 392/1K, 392/2, 392/3, 392/3A, 392/3B, 392/4, 392/5A, 392/5B, 394/2, 395/1A, 395/1B, 395/2, 395/3, 396, 397/1, 397/2, 397/3, 397/4, 398/1A, 398/1B, 398/2, 399/1A, 399/1B, 403/1, 403/2A, 403/2B, 404/1A1, 404/1A2, 404/1B, 404/2, 404/3, 404/4, 404/5A of Maduravasal Village, Uthukottai Taluk, Tiruvallur District, Tamil Nadu by M/s. Vinplex India Private Limited – For Terms of Reference (ToR). (SIA/TN/INFRA2/452419/2023)

The subject was placed in the 715th Authority meeting held on 29.04.2024. After detailed discussion, the authority noted as follows:

1. Earlier, the subject was placed in the 708th authority meeting held on 02.04.2024. The authority noted that the subject was appraised in the 450th SEAC meeting held on 08.03.2024. SEAC has furnished its recommendations for granting Terms of Reference (ToR) subject to the conditions stated therein.

After detailed discussions and on review of the documents furnished by PP, the Authority decided to obtain the following details from the Project Proponent:

- i. The Project Proponent has to furnish the document proof for the following Survey Numbers 382/2B, 383/2A, 383/2B, 391/2, 391/3, 391/3A, 392 and 392/3.
 - ii. The Project Proponent has to furnish the land extent for all the Survey Numbers individually and also mention the total land extent.
2. The proponent vide letter dated 22.04.2024 has replied to the above details sought by SEIAA.
 3. The PP has furnished an affidavit in stamp paper attested by the Notary stating the incorrectly mentioned survey numbers in the ToR application as follows:

S. No	Village	Survey number Incorrectly mentioned	Survey number Corrected	Remarks


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1.	Panapakkam	23/3	23/3 Pt	Considered least area as per site condition
2.		28/1	28/1 Pt	
3.	Maduravasal	383/2A	383/2	383/2A & 2B to be removed as 383/2 has not been repartitioned
4.		383/2B		
5.		391/2	391/2A, 391/2B	391/2 to be removed as repartitioned as 391/2A & 391/2B
6.		391/3	391/3A, 391/3B	391/3 to be removed as repartitioned as 391/3A & 391/3B
7.		392	-	392 to be removed as repartitioned as 392/1C to 392/1K
8.		392/3	392/3A, 392/3B	392/3 to be removed as repartitioned as 392/3A & 392/3B

In view of the above, the Authority decided to refer back the proposal to SEAC for remarks.

19.	<p>Proposed expansion of Existing mall (mall, multiplex, restaurant, food court) and proposed guest hour & residential development at survey nos.199/1A, 200, 201, 206 & 205 part of saravanampatti village, Coimbatore North Taluk, Coimbatore District, Tamil Nadu by M/s. Alliance Mall Developers Co Pvt. Ltd- For Environmental Clearance. (SIA/TN/INFRA2/445436/2023)</p>	10432	<p>Earlier, the subject was placed in the 708th authority meeting held on 02.04.2024. The authority noted that the subject was appraised in the 450th SEAC meeting held on 08.03.2024. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.</p> <p>The Authority, after detailed discussions, decided to consider the proposal after obtaining the following particulars from the project proponent:</p> <ul style="list-style-type: none"> i) The proponent shall furnish an affidavit for water supply commitment as indicated in the Specific Condition no.1 of SEAC minutes. ii) The proponent shall furnish details on the measures taken to control air pollution inside the mall premises. iii) The details on the play area provided for children shall be furnished.
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			<p>iv) The details of waste management shall be furnished.</p> <p>v) The details of chemicals used within the mall and the impact and mitigation proposed for the same shall be furnished.</p> <p>vi) The proponent shall furnish details on the health care facilities provided within the mall.</p> <p>The proponent vide letter dated.22.04.2024, submitted a reply to the queries raised in the 708th authority meeting.</p> <p>In view of the above, the proposal along with the reply furnished by the proponent is placed in this 715th authority meeting. After detailed discussions, the authority taking into account the reply furnished by the proponent and the recommendations of SEAC, decided to grant Environmental Clearance subject to the conditions as recommended by SEAC & normal/standard conditions stipulated by MoEF&CC and the following conditions and the conditions in Annexure 'C' of this minutes.</p> <p>1. The proponent shall make arrangements for allocating space for children's play area within the project area. The details of the same shall be furnished before obtaining CTE from TNPCCB.</p>
20.	Proposed Fireclay Quarry over an extent of 1.73.0 Ha at S.F.No. 183/1A2, 183/1B of Thalampatty Village, Panruti Taluk, Cuddalore	6601	<p>After detailed discussion, the authority noted as follows:</p> <p>1. Earlier, the subject was placed in the 677th authority meeting held on</p>



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<p>District, Tamil Nadu by Thiru.K. Ramalingam- For Environmental Clearance. (SIA/TN/MIN/419923/2023)</p>	<p>06.12.2023. The authority noted that the subject was appraised in the 422nd SEAC meeting held on 09.11.2023. SEAC has furnished its recommendations to the Authority for granting Environmental Clearance under violation category to the Project subject to the conditions stated therein. After detailed discussion, the Authority decided to request the Member Secretary, SEIAA to inform the proponent to furnish the following particulars as recommended by SEAC in the Minutes of 422nd SEAC meeting held on 09.11.2023.</p> <ul style="list-style-type: none"> i. The project proponent shall furnish approved mining plan indicating the top soil quantity and fireclay quantity separately since in the mining plan the top soil depth is mentioned as 7m. ii. The project proponent shall furnish the details of Bank guarantee remittance towards the amount prescribed for Ecological remediation (Rs. 2,02,500), natural resource augmentation (Rs. 3,50,000) & community resource augmentation (Rs. 3,50,000), totalling Rs. 9,02,500/- to Tamil Nadu Pollution Control Board and submit the
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		<p>acknowledgement of the same to SEIAA-TN.</p> <p>iii. The project proponent shall carry out the works assigned under ecological damage, natural resource augmentation and community resource augmentation within a period of one year from the date of issue of EC. If not the bank guarantee will be forfeited to TNPCB without further notice.</p> <p>iv. The project proponent shall submit the proof for the action taken by 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>2. The proponent vide his letter dated 27.03.2024 has stated that due to his current family situation he could not able to furnish the bank guarantee of Rs.9,02,500/- as recommended by SEAC.</p> <p>In view of the above, the Authority decided to refer back the proposal to SEAC for remarks.</p>
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21.	Existing Limestone quarry over an extent of 2.68.5 Ha at S.F.Nos. 355/2, 4A, 4B, 5, 360/1, 2, 3, 6, 8, 10 & 11 of Melarasur Village, Lalgudi Taluk, Tiruchirappalli District, Tamil Nadu by M/s. Sri Ram Chemicals- For Terms of Reference under violation. (SIA/TN/MIN/23368/2018)	6552	<p>After detailed discussion, the authority noted as follows:</p> <ol style="list-style-type: none"> 1. The project proponent, M/s. Sri Ram Chemicals has applied seeking Terms of Reference for the Proposed Limestone quarry over an extent of 2.68.5 Ha at S.F.Nos. 355/2, 4A, 4B, 5, 360/1, 2, 3, 6, 8, 10 & 11 of Melarasur Village, Lalgudi Taluk, Trichy District, Tamil Nadu, under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006, as amended. 2. Earlier, the proposal was placed in the 191st SEAC Meeting held on 30.12.2020. During presentation, it was noticed that the proponent has filed an application through Parivesh website under violation vide online proposal No. 22754 dated 06.04.2018. Based on the presentation and documents furnished by the project proponent, the SEAC decided to request the SEIAA office to clarify whether this proposal has to be appraised under violation or under Non-violation since the unit has filed the proposal both under violation and under Non-violation. 3. The ToR proposal under violation category (online proposal no. 22754) was returned to the proponent through Parivesh portal on 31.01.2024
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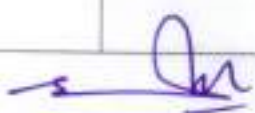


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		<p>requesting the PP to submit the hard copy of the application along with the scrutiny fees.</p> <p>4. Regarding the ToR proposal under non-violation category, EDS letter was communicated to the project proponent vide Lr. No. SEIAA-TN/F.6552/2018 dated: 25.07.2020 requesting the PP to furnish the following details.</p> <ol style="list-style-type: none"> i. The proponent has applied under the non violation category. Hence, the proof of copies of the Environmental Clearance, Consent to Operate obtained from the TNPC Board and compliance of the conditions stipulated in the same shall be furnished for the existing operation of the mining. The proponent shall furnish the proposal for CER and affidavit for the same if it comes under the violation category. ii. The Proponent shall furnish the details certified by the department of Geology and Mining on the quantity of minerals excavated, existing pit dimension & depth mined out. iii. The proponent shall obtain the letter from AD, Geology & Mining for the
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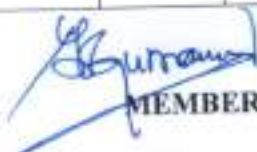
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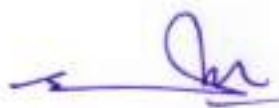
		<p>Proposed/Expired/Abandoned quarries located within the 500 m radius from the mining area.</p> <p>iv. The Proponent shall furnish the copy of the valid scheme of mining plan for the years proposed and the copy of the letter approved by the Director of Geology & Mining.</p> <p>v. The proponent shall furnish the copy of the valid lease deed document issued by the District Collector.</p> <p>vi. The proponent shall furnish the copy of the registered document/consent for the land in the name of the applicant name (M/s Sri Ram Chemicals).</p> <p>5. The above essential details was sought by SEIAA on 04.08.2020 through Parivesh portal vide online proposal no. 23368.</p> <p>Also, Email was communicated to the project proponent and consultant on 26.12.2023 requesting the PP to furnish the essential details sought by SEIAA.</p> <p>Till date, the PP has not submitted the essential details sought by SEIAA.</p> <p>6. The proponent vide his letter dated 06.10.2023 furnished the last transport permit details issued by the Assistant Director, Dept. of Geology and</p>
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			<p>Mining, Tiruchirappalli vide Re.No.1284/1993/Mines, dated: 06.04.2018. The PP has obtained last transport permit on 25.04.2001 as per the AD (Mines) letter dated 06.04.2018.</p> <p>In view of the above, the Authority decided to refer back the proposal to SEAC for remarks.</p>
22.	<p>Existing Rough stone & Gravel quarry lease over an extent of 1.42.0 Ha by Thiru.P.A.Raja in S.F.Nos. 225/1B of Kokkalai Village, Tiruchengode Taluk, Namakkal District, Tamil Nadu by Thiru.P.A.Raja-for Environmental Clearance Complaint-Reg</p>	8583	<p>The subject was placed in the 715th Authority meeting held on 29.04.2024.</p> <p>Reference:</p> <p>1. Issue of Environmental Clearance by TN-SEIAA dated 16.10.2023</p> <p>2. Complaint petition received from Thiru. Mukilan & Thiru. K. Palanivel dated 29.04.2024</p> <p>A personal representation through Thiru. Mukilan & Thiru. K. Palanivel was addressed to Member Secretary, SEIAA against P.A. Raja Rough Stone & Gravel quarry located at SF No 225/1B, Kokkalai village, Tiruchengode taluk, Namakkal district over an extent of 1.42.0 Ha. Thus, the subject was placed in the 715th Authority meeting held on .04.2024 for detailed deliberations.</p> <p>It is submitted that the project proposal Thiru. P.A. Raja was appraised in 410th SEAC meeting held on 22.09.2023 and 662nd SEIAA meeting held on 16.10.2023. Based on its recommendation, EC was issued dated 16.10.2023 vide reference 1st cited.</p>



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		<p>In the reference, 2nd cited above, the following issues were made out:</p> <ol style="list-style-type: none"> 1. It is informed that the operation of quarrying activity is carried out at a distance of 267.4m from Government Borewells and approved building layouts & poultry farm were located within 300m radius from the quarry site. 2. Since the quarry site does not fulfill the siting criteria, the quarry site is addressed as a "illegal quarrying". 3. The complainant has also furnished the details on the building ownership details & its distance details along with their survey numbers from the quarry site. <p>Further, the complainant has also made a request for revoking the issued Environmental Clearance for Rough stone and gravel quarry by the proponent P.A. Raja. Hence, the SEIAA requests SEAC for furnishing its remarks & recommendation on the above-mentioned concerns.</p>
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Annexure 'A'

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, 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.

b) 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, Biological diversity Rules, 2004 & TN Forest Act, 1882 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

c) 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


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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.

d) Water Environment – Protection and mitigation measures

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.



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e) **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.
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.

f) **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.
28. Activities should not result in invasion of site by exotic and alien plant and animal species and disturb the native biodiversity and soil micro flora and fauna.



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g) Noise Environment – Protection and mitigation measures

29. The peak particle velocity at 500m distance or within the nearest habitation, whichever is closer shall be monitored periodically as per applicable DGMS guidelines.
30. 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.

h) Biodiversity - Protection and mitigation measures

31. 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.
32. 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.
33. 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.
34. 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.
35. 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.

i) Climate Change

36. The project activity should not in any way impact the climate and lead to a rise in temperature.
37. There should be least disturbance to landscape resulting in land use change, contamination and alteration of soil profiles leading to Climate Change.


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38. Intensive mining activity should not add to temperature rise and global warming.
39. Operations should not result in GHG releases and extra power consumption leading to Climate Change.
40. Mining through operational efficiency, better electrification, energy use, solar usage, use of renewable energy should try to decarbonize the operations.
41. Mining Operation should not result in droughts, floods and water stress, and shortages, affecting water security both on site and in the vicinity.
42. Mining should not result in water loss from evaporation, leaks and wastage and should support to improve the ground water.
43. 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.

j) Reserve Forests & Protected Areas

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

k) Green Belt Development

53. The proponent shall ensure that in the green belt development more indigenous trees species (Appendix as per the SEAC Minutes) are planted.

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54. The proponent shall ensure the area is restored and rehabilitated with native trees as recommended in SEAC Minutes (in Appendix).

l) Workers and their protection

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

56. 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.

57. 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.

m) Transportation

58. 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.

59. 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


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avoid generation of dust while transportation. PP shall take necessary measures to avoid generation of fugitive dust emissions.

n) Storage of wastes

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

o) CER/EMP

61. The CER should be fully implemented and fact reflected in the Half-yearly compliance report.

62. The EMP shall also be implemented in consultation with local self-government institutions & Govt. departments.

63. The follow-up action on the implementation of CER Shall be included in the compliance report.

p) Directions for Reclamation of mine sites

64. 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.

65. 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.

66. 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.

67. For mining area reclamation plot culture experiments to be done to identify/ determine suitable species for the site.



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