

MINUTES

609th MEETING

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

Date: 10.04.2023

**MINUTES OF THE 609th MEETING OF THE STATE LEVEL ENVIRONMENT IMPACT
ASSESSMENT AUTHORITY HELD ON 10.04.2023.**

Agenda No	Description	File No.	Minutes												
a)	Confirmation of the minutes of the 608 th meeting of the Authority held on 05.04.2023 & 06.04.2023.		The minutes of the 608 th meeting of the Authority held on 05.04.2023 & 06.04.2023 was confirmed.												
b)	The Action taken on the decisions of the 608 th meeting of the Authority held on 05.04.2023 & 06.04.2023.		The Member Secretary informed that 608 th Minutes uploaded in Parivesh website and action taken report will be putup ensuing meeting.												
1.	<p>File No: 9575</p> <p>Proposed Rough stone & gravel over an extent of 1.48.0 Ha at S.F.Nos. 25/5, 25/8, 274/3A and 274/4(P) of Painkinar Village, Cheyyar Taluk, Tiruvannamalai District, Tamil Nadu by Thiru I Prakash - For Environmental Clearance.</p> <p>The authority noted that the subject was appraised in 363rd SEAC meeting held on 14.03.2023. Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance.</p> <p>Authority after detailed deliberation, decided to call for additional details as follows</p> <p>1. The proponent has submitted details of quarries located within 500m from the proposed mine lease area vide Rc.No.135/Kanimam/2022, Dated: 19.09.2022</p> <p><u>ii. Existing quarries</u></p> <table border="1"> <thead> <tr> <th>Sl. No.</th> <th>Name of the Owner (Tvl.)</th> <th>Village & S.F. Nos.</th> <th>Extent in Hect.</th> <th>Lease Period</th> <th>Remarks</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Thiru.I.Prakash S/o. Inbasekaran, Senthamangalam village & Post, Sriperumpathur Taluk, Kanchipuram District</td> <td>25/3, 25/4, 25/6, 25/7B, 25/18 & 25/1</td> <td>2.54.5</td> <td>22.11.2019 to 21.11.2024</td> <td>Existing lease</td> </tr> </tbody> </table> <p>Further, in the affidavit submitted to SEIAA,</p>			Sl. No.	Name of the Owner (Tvl.)	Village & S.F. Nos.	Extent in Hect.	Lease Period	Remarks	1	Thiru.I.Prakash S/o. Inbasekaran, Senthamangalam village & Post, Sriperumpathur Taluk, Kanchipuram District	25/3, 25/4, 25/6, 25/7B, 25/18 & 25/1	2.54.5	22.11.2019 to 21.11.2024	Existing lease
Sl. No.	Name of the Owner (Tvl.)	Village & S.F. Nos.	Extent in Hect.	Lease Period	Remarks										
1	Thiru.I.Prakash S/o. Inbasekaran, Senthamangalam village & Post, Sriperumpathur Taluk, Kanchipuram District	25/3, 25/4, 25/6, 25/7B, 25/18 & 25/1	2.54.5	22.11.2019 to 21.11.2024	Existing lease										


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3. Details of quarry within 500m radius from the applied area:

S.No	Name and address of the lessee	S.F.No. Taluk & Village	Extent in Hectare	Lease Period
i). Existing Quarries				
1	Thiru. I.Prakash, S/o.Inbasekaran, No.42, Bangalore National Highway, Senthamangalam, Sriperumbudur Taluk, Kanchipuram District.	25/3, 25/4, 25/6, 25/7B, 25/1B&25/1	2.54.5	22.11.2019 to 21.11.2014

2. Further, in the Environmental Clearance obtained for the above-mentioned existing quarry by SEIAA-TN vide Lr. No. SEIAA-TN/F.No.6909/1(a)/EC. No: 4063/2019 dated: 31.10.2019 has been issued for SF No.25/3, 25/4, 25/6, 25/7B, 25/18 & 25/19 as per the data entered by the proponent in Parivesh Portal.

On the perusal of above documents, it is ascertained that there is a mismatch between the SF no. mentioned in the earlier issued Environmental Clearance, DD/Mines and the affidavit submitted by the proponent.

Hence, the above ambiguity shall be clarified by the proponent.

On receipt of above details, further deliberation shall be done.

2.	Proposed Rough stone & gravel over an extent of 2.45.0 Ha at S.F.Nos. 327/1 (P-1) of Chennapalli Village, Shoolagiri Taluk, Krishnagiri District, Tamil Nadu by Thiru N Sudhakar - For Environmental Clearance.	9611	The authority noted that the subject was appraised in 363 rd SEAC meeting held on 14.03.2023. Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance. 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 restricted quantity of 4,14,210 m³ of Rough stone for the depth of mining up to 26m (21m – AGL + 5m BGL) 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
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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 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 till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented.
3. 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.
4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP.
5. 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.
6. The amount allocated for EMP should be kept in a separate account and both the capital and


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			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.
3.	Proposed Earth Quarry lease over an Extent of 2.95.0 Ha in S.F.No. 178/1, 178/2, 179/9, 180/1C & 182/1 of Aalangadu Village, Sirkazhi Taluk, Mayiladuthurai District, Tamil Nadu by Mr.M.Mathiraj – For Environmental clearance	9597	<p>The authority noted that the subject was appraised in the 363rd SEAC meeting held on 14.03.2023. SEAC has furnished its recommendations to the authority 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 a NOC obtained from the District Administrator/ competent authority for carrying out developmental activities (mining) in Nanjai Land. ii) The proponent shall furnish a detailed mineral composition study of the proposed project site obtained from an accredited institute. iii) The proponent shall furnish a NOC obtained from TN Agricultural Department regarding the productivity of the site and its non-fitness for agriculture for carrying out earth mining in the project site which is surrounded by agricultural lands. iv) The proponent shall furnish a NOC obtained from local panchayat for carrying out earth removal in the proposed site.


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4.	Proposed Rough Stone & Gravel quarry Lease over an extent of 1.41.0 Ha at S.F.No. 617/2 in Munnur Village, Pugalur Taluk, Karur District, Tamil Nadu by Mr.G.Prabhakar- For Environmental Clearance.	9612	<p>The authority noted that the subject was appraised in the 363rd SEAC meeting held on 14.03.2023. Based on the presentation and details furnished by the project proponent, the Committee decided to call for the following details from the project proponent to consider the proposal for appraisal:</p> <ul style="list-style-type: none"> i) The project proponent shall submit a certified compliance report for the EC obtained earlier. ii) The proponent shall furnish photographic evidence for having complied with the EC conditions regarding, fencing, green belt and garland drain. <p>The Authority, after detailed discussions decided to request Member Secretary, SEIAA, to communicate the minutes of 363rd SEAC meeting to the project proponent.</p>
5.	Proposed Grey Granite quarry lease over an extent of 2.38.9Ha in SF.No. 35/4B(P), 37/3A, 37/3B and 37/5A(P) of Peddappampatti Village, Pochampalli Taluk, Krishnagiri District, Tamil Nadu by Thiru.K.Muthu - For Environmental Clearance.	9584	<p>The authority noted that this proposal was placed for appraisal in 363rd meeting of SEAC held on 14.03.2023. 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 of 62,550m³ of RoM, 37,530m³ of Recovery and 25,110m³ of Granite Waste by restricting the depth of mining up to 32m as per the mine plan approved by the Department of Geology & Mining. This is also subject to the standard conditions as per</p>


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		<p>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 EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every 5 years till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented.3. 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.4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP.5. 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.
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6.	Proposed Ordinary Earth quarry lease over an extent of 1.65.50 Ha at SF. No. 148/2A & 149 of Ramathandalam Village, Tiruvallur Taluk, Tiruvallur District, Tamil Nadu by Thiru.N.Paranthaman - For Environmental Clearance.	9598	<p>The authority noted that this proposal was placed for appraisal in 363rd meeting of SEAC held on 14.03.2023. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.</p> <p>After detailed discussions, the Authority decided to grant Environmental Clearance for the quantity of 15,246m³ of Ordinary earth up to the depth of mining 2m BGL for one year, 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 progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP. 3. 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.
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7.	Proposed Rough stone and Gravel quarry lease over an extent of 3.12.50 Ha in, SF. No. 346/2 and 346/3 of Murugambakkam Village, Maduranthagam Taluk, Chengalpattu District, Tamil Nadu by Tmt.B.Saraswathi - For Environmental Clearance.	9605	The authority noted that this proposal was placed for appraisal in 363 rd meeting of SEAC held on 14.03.2023 and the SEAC noted that, the project proponent has not attended the meeting. Hence the subject was not taken up for discussion and the project proponent shall furnish the reason for his absence. 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 14.03.2023.
8.	Proposed Rough stone and Gravel quarry lease over an extent of 1.39.68Ha at SF. Nos. 58/2B, 58/3A, 58/3B and 58/3C of Katteri Village, Walajah Taluk, Ranipet District, Tamil Nadu by Thiru. J. Chandrakumar- For Environmental Clearance.	9613	<p>The authority noted that this proposal was placed for appraisal in 363rd meeting of SEAC held on 14.03.2023. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.</p> <p>After detailed discussions, the Authority decided to grant Environmental Clearance for the quantity of 78,170m³ of Rough Stone and 20,384m³ of Gravel up to the depth of mining 18m BGL, 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> <p>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.</p>


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			<p>2. The EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every 5 years till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented.</p> <p>3. 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.</p> <p>4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP.</p> <p>5. 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>
9.	Proposed Rough Stone and Gravel Quarry lease over an extent of 0.35.0Ha at S.F.No. 324/4A1 & 324/3B Poipakkam Village, Sholingar Taluk, Ranipet District, Tamil Nadu by Tmt K Mageshwari - for Environmental Clearance.	9578	<p>The authority noted that the subject was appraised in 363rd SEAC meeting held on 14.03.2023. 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 of 9600</p>


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		<p>m³ of rough stone and 4725 m³ of gravel with an ultimate depth of mining upto 13m BGL 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 EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every 5 years till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented. 3. 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. 4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP. 5. 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
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			<p>prior environmental clearance letter(s) through newly developed compliance module in the PARIVESH Portal from the respective login.</p> <p>6. The project proponent shall store/dump Top soil, Weathered Rock & Granite Waste generated within the earmarked area of the project site and the utilize the same for mine closure as per the approved mine closure plan.</p> <p>7. As per the MoEF& CC office memorandum F.No.22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 as accepted by the Project proponent the revised CER cost is Rs. 2 Lakhs and the amount shall be spent towards the Panchayat Union Primary School, Nerinchanthangal Village, Ranipet District for the activities as committed, before obtaining CTO from TNPCB.</p>
10.	Proposed Red soil Quarry lease over an extent of 3.70.5 Ha at S.F.No 263/2, 264/3C, Iruvelli Village, Kadaladi Taluk, Ramanathapuram District, Tamil Nadu by Thiru. J Nagavinoth -for Environmental Clearance.	9585	<p>The authority noted that this proposal was placed for appraisal in 363rd meeting of SEAC held on 14.03.2023 and SEAC decided to obtain the following details from the PP.</p> <p>1. The PP carry out the geological assessment to identify mineralization, to establish continuity, quality and quantity of mineral mineral deposit, particularly, the presence of heavy minerals in the Teri sand (red earth) such as ilmenite, rutile, lucoxene, garnet, monazite, zircon and sillimanite, etc. Hence the PP shall furnish the report through the systematic sampling in the proposed site with showing geological</p>


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			<p>coordinates as per the procedures laid in accordance with the provisions of Atomic Minerals Concessional Rules, 2016 and the mineralogical analysis obtained from the laboratory of IREL (India) Limited, Research Centre, Beach Road, Kollam, Kerala.</p> <p>2. The PP shall change all the documents including the Mining Plan from “Red Soil” to “Ordinary Earth” as per the TN G.O. (Ms). No.244, dated. 14.12.2022.</p> <p>3. The proponent shall produce a letter from the Department of Geology and Mining stating that the location of quarry site does not lie adjoining to the rivers, streams, canals etc., and also does not come under any notified/declared protected zones in terms of the Hon’ble Madurai Bench of Madras High Court.</p> <p>After detailed discussion, the Authority decided to obtain following details from the PP in addition to the above.</p> <p>1. This area is theri red desert which is component of marine sediments and shifting sand dunes. Studies have shown that such as red soil tracks there are many medicinal plants and vegetation like palmyra, pandanus etc. The impact of quarrying sand dunes, natural vegetation and proposed red soil to be studied in depth and to be reported.</p>
11.	Proposed Rough Stone and Gravel Quarry lease over an extent of 2.02.5 Ha at S.F.No. 626/3C, Kodaganallur village, Tirunelveli	9599	The authority noted that the subject was appraised in 363 rd SEAC meeting held on 14.03.2023. SEAC has furnished its recommendations for granting


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<p>Taluk , Tirunelveli District, Tamil Nadu by Thiru P.Kumar - for Environmental Clearance.</p>	<p>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 2,37,500 m³ of rough stone and 47,259 m³ of gravel with an ultimate depth of mining upto 28m bgl 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 EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every 5 years till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented. 3. 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.
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			<p>4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP.</p> <p>5. 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>6. The project proponent shall store/dump Top soil, Weathered Rock & Granite Waste generated within the earmarked area of the project site and the utilize the same for mine closure as per the approved mine closure plan.</p> <p>7. As per the MoEF& CC office memorandum F.No.22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 as accepted by the Project proponent the revised CER cost is Rs. 5 Lakhs and the amount shall be spent towards the Govt School, Kodaganallur Village, Tirunelveli District for the activities as committed, before obtaining CTO from TNPCB.</p>
12.	Proposed Grey granite Quarry lease over an extent of 2.06.0 Ha at S.F.No. 292/2, Soolamalai Village, 324/4A1 & 324/3B Poipakkam Village, Sholingar Taluk, Ranipet District, Tamil Nadu by Thiru	9614	The authority noted that the subject was appraised in 363 rd SEAC meeting held on 14.03.2023. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.

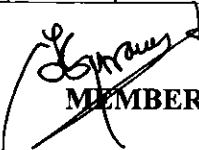

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	<p>Shamamooth Shajahan - for Environmental Clearance.</p>	<p>After detailed discussions, the Authority taking into account the recommendations of SEAC and also the safety aspects and to ensure sustainable, scientific and systematic mining, decided to grant Environmental Clearance for the quantity of 26,660 m³ ROM which includes 9331 m³ of recoverable Grey Granite and 17,329 m³ of Grey Granite waste with an ultimate depth of mining upto 34m bgl 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 EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every 5 years till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented. 3. 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. 4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP.
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			<p>5. 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>6. The project proponent shall store/dump the and Top soil/Weathered Rock generated within the earmarked area of the project site and the utilize the same for mine closure as per the approved mining plan.</p> <p>7. As per the MoEF& CC office memorandum F.No.22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 as accepted by the Project proponent the revised CER cost is Rs. 5 Lakhs and the amount shall be spent towards the Panchayat Union Primary School, Soolamalai Village, Krishnagiri District for the activities as committed, before obtaining CTO from TNPCB.</p>
13.	Proposed Rough Stone and Gravel Quarry lease over an extent of 1.54.0Ha at S.F.No.161/5 and 161/7, Melnagar Village, Arni Taluk, Tiruvannamalai District by Thiru.A.Raja - for Environmental Clearance.	9579	<p>The authority noted that the subject was appraised in 363rd meeting of SEAC held on 14.03.2023. 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 safety aspects and to ensure sustainable, scientific and systematic mining decided to grant Environmental Clearance for the quantity of 40650m³ of Rough Stone & 11802 m³ of Gravel by restricting the depth of mining upto 12m BGL as per the mine</p>


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		<p>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 EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every 5 years till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented. 3. 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. 4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP. 5. 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>6. The project proponent shall store/dump topsoil generated within the earmarked area of the project site and the utilize the same for mine closure as per the approved mine closure plan.</p> <p>7. The project proponent shall spend EMP cost of Rs. 175.65 Lakhs/ 10 Years as committed.</p> <p>8. As per the MoEF& CC office memorandum F.No.22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 accepted by the Project proponent, the revised CER cost is Rs. 5 Lakhs and the amount shall be spent for the Government Higher Secondary School, Melnagar Village as committed, before obtaining CTO from TNPCB.</p>
14.	<p>Proposed Rough Stone and Gravel Quarry lease over an extent of 2.83.20Ha at S.F.No.37/1, 37/23(P), 37/24(P), 37/25(P) & 37/26 (P), Nallamur Village, Maduranthagam Taluk, Chengalpattu District by M/s.Naveen Enterprises - for Environmental Clearance.</p>	9600	<p>The authority noted that the subject was appraised in 363rd meeting of SEAC held on 14.03.2023. 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 safety aspects and to ensure sustainable, scientific and systematic mining decided to grant Environmental Clearance for the quantity of 328324 m³ of Rough Stone & 46736 m³ of Gravel by restricting the depth of mining upto 20m BGL 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</p>


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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 till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented.
3. 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.
4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP.
5. 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.
6. The project proponent shall store/dump topsoil generated within the earmarked area of the project site and the utilize the same for mine closure as per the approved mine closure plan.


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			<p>7. The project proponent shall spend EMP cost of Rs. 181.534 Lakhs/10 Years as committed.</p> <p>8. As per the MoEF& CC office memorandum F.No.22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 accepted by the Project proponent, the revised CER cost is Rs. 6 Lakhs and the amount shall be spent for the Government Higher Secondary School, Polambakkam Village as committed, before obtaining CTO from TNPCB.</p>
15.	Proposed Rough Stone and Gravel Quarry lease over an extent of 1.91.0Ha at S.F.No.721/2, 3A & 725/3B(P), Medcode Village, Thiruvattar Taluk, Kanniyakumari District by Thiru. M.George Rajan - for Environmental Clearance.	9615	<p>The authority noted that this proposal was placed for appraisal in the 363rd meeting of SEAC held on 14.03.2023 and the SEAC noted that the proposed quarry site is completely covered with green vegetation with rich biodiversity and also there is a CSI Church situated at 220m and also a Valiyattumugam Issaki Amman Temple within 300m radial distance of the proposed quarry site. Further, the TNMMCR, 1959 Rule No. 36 (1-A) (a) states that “no lease shall be granted for quarrying stone within 300m from any inhabited site”.</p> <p>In view of the above, SEAC has decided not to recommend the proposal for the grant of Environmental Clearance.</p> <p>The authority after detailed discussion decided to accept the recommendation of SEAC and decided not to recommend the proposal.</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 14.03.2023.</p>


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16.	Proposed Gravel Quarry lease over an extent of 2.64.5 Ha at S.F.No's: 1260/1, 2A, 2B & 1261/8, Melmangalam Bit-I Village, Periyakulam Taluk, Theni District, Tamil Nadu by Thiru. M.Erulaiya - For Environmental Clearance	9580	<p>The Authority noted that the subject was appraised in the 363rd SEAC meeting held on 14.03.2023. 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 recommendation of SEAC and the safety aspects and to ensure sustainable, scientific and systematic mining, decided to grant Environmental Clearance for the quantity of 21,762 cu.m of Gravel by restricting the depth of mining upto 1m Below Ground Level 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 EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every 3 years till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented. 3. The project proponent shall furnish a Certified Compliance Report obtained from MoEF&CC
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			<p>while seeking a renewal of the mining plan to cover the project life.</p> <p>4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP.</p> <p>5. 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>
17.	Proposed Rough Stone & Gravel lease over an extent of 1.00.0 Ha at S.F.No's: 289/1, Sengundrapuram Village, Virudhunagar Taluk, Virudhunagar District, Tamil Nadu by Thiru P.Dinesh Mari -For Environmental Clearance	9587	<p>The Authority noted that the subject was appraised in the 363rd SEAC meeting held on 14.03.2023. 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 recommendation of SEAC and the safety aspects and to ensure sustainable, scientific and systematic mining, decided to grant Environmental Clearance for the quantity of 77,800m³ of Rough Stone & 30,008m³ of Gravel by maintaining the depth of mining upto 30m Below Ground Level 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</p>


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			<p>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 till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented. 3. 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. 4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP. 5. 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.
18.	Proposed Rough Stone & Gravel lease over an extent of 2.27.0 Ha at S.F.No's: 11/1B, 11/2A, 11/2B &	9609	The Authority noted that the subject was appraised in the 363 rd SEAC meeting held on 14.03.2023. SEAC has furnished its recommendations for granting

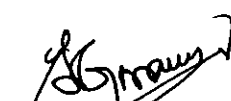

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<p>12/2F3, Vellalapatty Village, Omalur Taluk, Salem District, Tamil Nadu by Thiru C.Nallayan - For Environmental Clearance</p>	<p>Environmental Clearance subject to the conditions stated therein.</p> <p>Based on the presentation made by the proponent, the SEAC called for the following details from the PP.</p> <ol style="list-style-type: none"> 1. The PP shall submit Certified Compliance Report obtained from the office of IRO, MoEF & CC, Chennai on the existing EC issued and appropriate mitigating measures for the non-compliance items, if any. 2. The PP shall furnish a letter obtained from AD/DD Mine & Geology with respect to exact depth of existing Pit, period of the operation and stoppage of the earlier mines & quantity of minerals mined out. 3. The proponent shall erect the 'S3 (or) G2' type of Barbed wire fencing all around the boundary of the existing working quarry with gates for entry/exit. 4. the proponent shall complete the plantation as a part of Greenbelt development by considering the native species on all sides of the lease area. 5. The PP shall submit photographic evidences indicating Garland drain all around the boundary of the project area. 6. The PP shall enumerate the permanent structures - which may belongs to the PP or not - situated within 100m, 200m & 300m radius of the proposed mining area. <p>On receipt of the above, SEAC would further deliberate on this project and decide the further course of action.</p> <p>In view of the above, the Authority decided to request the Member Secretary, SEIAA to communicate the</p>
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			SEAC minutes to the project proponent held on 14.03.2023.
19.	Proposed Rough stone quarry lease over an extent of 1.75.0 Ha in S.F.No. 60 (part-1) S.Kollur Village of Kandachipuram Taluk, Viluppuram District, Tamil Nadu by Thiru M. Sivaraman - For Environmental Clearance.	9574	<p>The authority noted that the subject was appraised in 363rd meeting of SEAC held on 10.03.2023. 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 of 2,48,298 m³ of Rough stone to a restricted depth of mining upto 35m (1m Top Soil + 34m Rough Stone). 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 EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every 5 years till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented.


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			<p>3. 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.</p> <p>4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP.</p> <p>5. 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>
20.	Proposed Rough Stone and Gravel quarry lease over an extent of 1.13.50 Ha in S.F.No. 94/1, 94/2, 94/3 Sengundrapuram Village of Virudhunagar Taluk, Virudhunagar District, Tamil Nadu by Thiru. S. Ramasamy- For Environmental Clearance.	9588	<p>The authority noted that the subject was appraised in 363rd meeting of SEAC held on 10.03.2023. 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 of Rough stone -75,912 m³, Gravel – 44,268 m³ to a restricted depth of mining upto 31m. 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</p>


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			<p>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 till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented. 3. 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. 4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP. 5. 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.
21.	Proposed Rough Stone and Gravel quarry lease over an extent of 3.10.0 Ha in S.F.No. 108/2(P),	9595	The authority noted that the subject was appraised in 363 rd meeting of SEAC held on 10.03.2023. SEAC has furnished its recommendations for granting


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<p>108/3(P), 108/4(P), 108/5(P), 109/2, 109/3, 109/4, 109/5 and 109/6 Ariyanayagipuram Village of Kadayanallur Taluk, Tenkasi District, Tamil Nadu by Thiru. M.Kalyanasundaram- For Environmental Clearance</p>	<p>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 of Rough Stone – 3,86,988 m³, Gravel – 47,044 m³ to a restricted depth of mining upto 30m BGL (2m + 28m). 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 EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every 5 years till the project life. They should also review the EC conditions to ensure that they have all been adhered to and implemented. 3. 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. 4. The progressive and final mine closure plan including the green belt implementation and
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			<p>environmental norms should be strictly followed as per the EMP.</p> <p>5. 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>
22.	Proposed Marine Bridge connecting Vivekananda rock to Ayyan Thiruvalluvar statue at Kanyakumari Taluk, Kanyakumari District, Tamil Nadu by The Divisional Engineer, Highways Department – For Environmental Clearance.	9816	<p>SEAC has furnished its recommendations to the Authority for granting Clearance under CRZ Notification 2011 to the Project subject to the conditions stated therein. After detailed discussion, SEIAA decided to grant Clearance under CRZ Notification 2011 to the proposal subject to the conditions as recommended by SEAC in addition to the following conditions.</p> <p>4. The PP shall not cause any damage and to ensure protection of marine flora and fauna around the proposed site at anytime.</p> <p>5. Considering too much of tourist attraction and the PP shall ensure effective solid waste management activities for usage and disposal of plastics, food items, etc. to avoid coastal and marine pollution and to safeguard flora and fauna around the project site.</p>
23.	Proposed Expansion of existing Information Technology Park (SEZ) by M/s HCL Technology Limited at S.No. 602/3, ELCOT special Economic zone of	489	<p>After detailed discussion, the Authority noted as follows.</p> <p>In the 286th SEAC meeting held on 17.06.2022, The Committee decided to recommend the proposal to SEIAA for grant of Environmental Clearance</p>


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<p>Sholinganallur village, Sholinganallur Taluk, Kancheepuram District, Tamil Nadu - for Environmental Clearance under violation.</p>	<p>subject to the following conditions in addition to the normal conditions:</p> <ol style="list-style-type: none"> 1. Accordingly, the amount prescribed for Ecological remediation augmentation, community resource augmentation, totalling Rs. 200 Lakhs. Hence the SEAC decided to direct the project proponent to remit the amount of Rs. 200 Lakhs in the form of bank guarantee to Tamil Nadu Pollution Control Board and submit acknowledgment of the same to SEIAA-TN. The funds shall be utilized for the ecological damage remediation plan, Natural resource augmentation plan & Community resource augmentation plan as indicated in the EIA/EMP report. 2. The proposed CER amount of Rs. 25 lakh shall be spent as committed before the issue of Environmental Clearance. 3. 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. 4. The proponent shall furnish the detail about the built-up area for all the buildings with floor wise to TNPCB every year along with the compliance report for the Environmental Clearance 5. The proponent vide his letter 20.09.2022 has furnished the copy of Bank Guarantee
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submitted to TNPCB & copy of acknowledgement obtained from TNPCB for the submission of BG (BG NO. 5559603926, dated: 19.09.2022) and also affidavit towards commitments of CER to be carried out as recommended by SEAC.

6. The proponent has submitted the details of court case filed by TNPCB in the Chief Judicial Magistrate Court, Chengalpattu vide case/Filing Number: CRLMP/12954/2021, dated 04.12.2021, (CNR Number: TNKP030129612021) against the proponent.

In view of the above, the Authority accepted the recommendation of SEAC and decided to grant post construction Environmental Clearance subject to the conditions as recommended by SEAC & normal conditions in addition to the following condition.

1. 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 as committed. If not, the bank guarantee will be forfeited to TNPCB without further notice.
2. The proponent shall ensure that the treated/untreated sewage should not be disposed directly or indirectly to the nearby water bodies under any circumstances.
3. As per the MoEF& CC office memorandum F.No.22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent has furnished the detailed EMP, mentioning CER activities as


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committed and the CER activities shall be carried out before obtaining CTO from TNPCB.

4. All the construction of Buildings shall be energy efficient and confirm the green building norms.
5. The proponent shall provide adequate parking facility for all the inhabitants & visitors including clear traffic plan.
6. The proponent shall ensure that no treated or untreated trade effluent/sewage shall be discharged outside the premises under any circumstances.
7. The disaster management and disaster mitigation standards to be seriously adhered to avoid of calamities.
8. The project proponent shall provide the green belt plan for the premises indicating the native trees planted and to be planted.
9. The proponent shall provide the action taken for reduction of green house gas emissions to support the climatic action and to make it sustainable building.
10. The project proponent shall ensure that buildings have sufficient ventilation and space for light and air.
11. The project proponent shall furnish the action taken to improve water usage efficiency in the building.
12. The proponent shall ensure that the building shall provide adequate security and hygiene in all the basements.


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			13. The proponent shall ensure that the building should be energy efficient, provide adequate sunlight, green space for sustainable use and be Eco-friendly.
24.	Proposed Rough stone & Gravel quarry lease over an extent of 3.65.5 Ha at S.F.No 253/1, 253/2 & 253/9 of Sevalur Village, Ponnamaravathi Taluk, Pudukottai District, Tamil Nadu by Thiru.MR.Anbalagan- For Environmental Clearance.	9123	<p>The Authority noted that the subject was appraised in the 356th SEAC meeting held on 17.02.2023. 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 recommendation of SEAC and the safety aspects and to ensure sustainable, scientific and systematic mining, decided to grant Environmental Clearance for the quantity of 2,95,970 m³ of rough stone and 33,840 cu.m of Gravel by restricting the depth of mining upto 35m Below Ground Level 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 EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every 5 years till the project life. They should


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		<p>also review the EC conditions to ensure that they have all been adhered to and implemented.</p> <ol style="list-style-type: none"> 3. 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. 4. The progressive and final mine closure plan including the green belt implementation and environmental norms should be strictly followed as per the EMP. 5. 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.
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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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