

Minutes of EAC Meeting

Subject:- 132 nd Meeting Schedule on 25 and 26 th July 2019

Venue:- SEAC Conference Hall

From :- 25 Jul 2019

To :- 26 Jul 2019

Date :- **23 Sep 2019**

(1.) Proposal No. :- **SIA/TN/MIN/36049/2019** File No- **0024**

Type- **EC**

INTRODUCTION

The proponent made online application vide proposal no. **SIA/TN/MIN/36049/2019** dated **10 May 2019** along with copies of EIA/EMP seeking environment clearance under the provisions of the EIA Notification, 2006 for the above mentioned project. The proposed project activity is listed at SL.No. ,**1(a) Mining of minerals** , under Category "**B2** " of EIA Notification 2006 and the proposal is appraised at Central level.

The **P.I.Jambert Maduram, Rough stone and Gravel quarry from over an Extent of 4.18.0ha in S.F.No. 216/3,4,8, 218/3,4 & 220/3C at Erachi Village of Ettayapuram Taluk, Thoothukudi District of M/s GEO EXPLORATION MINING** located in Village State **Tamil Nadu** was initially received in the Ministry on **03 Apr 2019** for obtaining Terms of Reference (ToR) as per EIA Notification,2006. The Project was appraised by the Expert Appraisal Committee (Non-Coal Mining) [EAC] during its **0024** th/nd/rd meeting held between **01 Apr 2019 to 03 Apr 2019** and prescribed ToRs to the project for undertaking detailed EIA study for obtaining Environmental Clearance. Accordingly, the Ministry of Environment, Forest and Climate Change had prescribed ToRs to the project on **03 Apr 2019**

PROJECT DETAILS

The project of M/s **GEO EXPLORATION MINING** located in as follows :

State of the project				
S. No.	State	District	Tehsil	Village
(1.)	Tamil Nadu	Thoothukkudi	Ettayapuram	Erachi

The production details / project configuration is as follows :

Project configuration/product details						
S. No.	Project configuration/product details	Quantity	Unit	Other Unit	Mode of Transport/Transmission of Product	Other Mode of Transport
(1.)	Quarrying lease area	4.180	3		Road	

Raw Material Requirement is as follows :

Raw Material Requirement details

S. No.	Item	Quantity per annum	Unit	Other Unit	Source	Mode of Transport/Transmission of Product	Other Mode of Transport	Distance of Source from Project Site(Kilometers)
(1.)	Rough Stone	47324	9	Cubic meter	Quarrying	Road		1

DELIBERATION IN EAC

After detailed deliberations, the committee observed:- **The proposal was placed in this 132nd SEAC Meeting held on 25.07.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:** 1. **Government Order / Lease details:** The Quarry lease was applied in the name of Thiru.P.I.Jambert Maduram, Thoothukudi, Precise Area Communication was issued by the District Collector, Thoothukudi vide Rc. No. 452/G&M/2018, Dated: 04.10.2018 for a period of 5 years. It is a fresh lease for Rough stone and Gravel quarry lease over an extent of 4.18.0Ha in S.F.No. 216/3,4,8, 218/3,4 & 220/3C at Erachi Village of Ettayapuram Taluk, Thoothukudi District. 2. **Mining Plan / Scheme of Mining approved details:** The Mining plan was prepared for a period of 5 years. The mining plan got approved by the Assistant Director, Department of Geology and Mining, Thoothukudi District vide Rc. No. 452/G&M/2018, Dated: 16.10.2018. 3. **As per the Department of Geology and Mining, Thoothukudi District. Mining Plan approval for the 5 years, the production schedule for 5 years states that the total quantity of Rough stone should not exceed 2,36,620m³ and Topsoil with Gravel should not exceed 52,936m³ For First year- 42,345m³ of Rough stone and 6,816m³ of Topsoil with Gravel For Second year- 47,450m³ of Rough stone and 16,872m³ of Topsoil with Gravel For Third year- 47,825m³ of Rough stone For Fourth year- 47,000m³ of Rough stone and 13,912m³ of Topsoil with Gravel For Fifth year- 47,000m³ of Rough stone and 15,336m³ of Topsoil with Gravel** 4. **The quarry operation is proposed upto a depth of 24m (4m topsoil with gravel and 20m Rough stone).** 5. **The Quarry operation is proposed to be carried out with open cast semi mechanized mining with 5.0m vertical bench & width.** 6. **Rough stone are to be transported by Tippers (10/20 T Capacity).** 7. **The project is locate at 09°07'05.48"N to 09°07'10.70"N latitude and 77°55'11.01"E to 77°55'21.67"E Longitude.** 8. **The total Manpower requirement is 16 Nos.** 9. **Total cost of the projects is Rs. 1,29,37,000/- and EMP cost about Rs. 1,80,000/-** 10. **Lease applied area is not covered under HACA region.** 11. **No Coastal Regulation Zone (CRZ) within the radius of 10km.** 12. **No Interstate boundary & Western Ghats Boundary within the radius of 10km** 13. **No National Park & Wild Life Sanctuary within the radius of 10km.** 14. **No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km** 15. **No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km.** 16. **No habitation within the radius of the 300m from the lease area.** 17. **Letter obtained from the Assistant Director, Department of Geology and Mining, Thoothukudi vide Letter RC. No. 452/G&M/2018 dated 22.07.2019 about the details of the quarries (Proposed / Existing / Abandoned quarries) within a radius of 500m from the boundary of the proposed quarry site as follows**

RECOMMENDATIONS OF EAC

The committee's recommendation: **SEAC decided to direct the proponent to furnish the following details.** 1. **Village map and Register** 2. **Lithology details of the project site** 3. **Details of the water bodies located within & nearby project site.** 4. **The detailed mitigation measures to avoid the impact of mining on nearby water bodies.** 5. **The proponent has reported that penalty of 51 Lakhs was remitted as per the direction of the AD mines. Hence the SEAC decided to obtain the clarification from the AD/DD mines about the above said penalty paid by the proponent. Further the report for any damage of water bodies (odai/orani/water tank) nearby the mining site due to this project activity.** 6. **Letter obtained from the Assistant Director, Department of Geology and Mining, Thoothukudi vide Letter RC. No. 452/G&M/2018**

dated 22.07.2019 about the details of the quarries (Proposed / Existing / Abandoned quarries) within a radius of 500m from the boundary of the proposed quarry site as follows. S. No. Name of the quarry owner Village S. F. No. Extent in ha. i. Existing Quarries 1. NIL j. Abandoned / Expired Quarries 2. Thiru. S.Anand Erachi 219/3,220/2etc., 3.22.0 3. Thiru. Kalimuthu Erachi 220/3B 1.33.5 TOTAL (B) 3.22.0 k. Proposed Quarries NIL In another letter obtained from the Assistant Director, Department of Geology and Mining, Thoothukudi vide Letter RC. No. 452/G&M/2018 dated 16.04.2019 about the details of the quarries (Proposed / Existing / Abandoned quarries) within a radius of 500m from the boundary of the proposed quarry site as follows. S. No. Name of the quarry owner Village S. F. No. Extent in ha. l. Existing Quarries 1. NIL m. Abandoned / Expired Quarries 2. Thiru. S.Anand Erachi 219/3,220/2etc., 3.22.0 TOTAL (B) 3.22.0 n. Proposed Quarries 3. Thiru. Kalimuthu Erachi 220/3B 1.33.5 when both letters issued by the Assistant Director, Department of Geology and Mining, Thoothukudi are contrasting with each other and it is decided to clarify the same from the Assistant Director, Department of Geology and Mining, Thoothukudi and submit to SEAC.

Conclusion

Deferred

Member Secretary Condition

Specific Condition

S.No	Condition
(1)	In another letter obtained from the Assistant Director, Department of Geology and Mining, Thoothukudi vide Letter RC. No. 452/G&M/2018 dated 16.04.2019 about the details of the quarries (Proposed / Existing / Abandoned quarries) within a radius of 500m from the boundary of the proposed quarry site as follows. S. No. Name of the quarry owner Village S. F. No. Extent in ha. l. Existing Quarries 1. NIL m. Abandoned / Expired Quarries 2. Thiru. S.Anand Erachi 219/3,220/2etc., 3.22.0 TOTAL (B) 3.22.0 n. Proposed Quarries 3. Thiru. Kalimuthu Erachi 220/3B 1.33.5 when both letters issued by the Assistant Director, Department of Geology and Mining, Thoothukudi are contrasting with each other and it is decided to clarify the same from the Assistant Director, Department of Geology and Mining, Thoothukudi and submit to SEAC. After receipt of the above details the proposal will be considered for appraisal by SEAC.
(2)	5. The proponent has reported that penalty of 51 Lakhs was remitted as per the direction of the AD mines. Hence the SEAC decided to obtain the clarification from the AD/DD mines about the above said penalty paid by the proponent. Further the report for any damage of water bodies (odai/orani/water tank) nearby the mining site due to this project activity. 6. Letter obtained from the Assistant Director, Department of Geology and Mining, Thoothukudi vide Letter RC. No. 452/G&M/2018 dated 22.07.2019 about the details of the quarries (Proposed / Existing / Abandoned quarries) within a radius of 500m from the boundary of the proposed quarry site as follows.
(3)	1. Village map and Register 2. Lithology details of the project site 3. Details of the water bodies located within & nearby project site. 4. The detailed mitigation measures to avoid the impact of mining on nearby water bodies.

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Commiittee in its ----- th meeting held during ----- to ----- . After detailed deliberation the commiittee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the appliation based on the

recommendations of the Expert Appraisal Committee and hereby decided to grant Environmental Clearance for the proposed ----- (Project Name), located at ----- .

Date :- **23 Sep 2019**

(1.) Proposal No. :- **SIA/TN/MIN/36122/2019** File No- **0029**

Type- **EC**

INTRODUCTION

The proponent made online application vide proposal no. **SIA/TN/MIN/36122/2019** dated **03 Jul 2019** along with copies of EIA/EMP seeking environment clearance under the provisions of the EIA Notification, 2006 for the above mentioned project. The proposed project activity is listed at SL.No. ,**1(a) Mining of minerals** , under Category "**B2** " of EIA Notification 2006 and the proposal is appraised at Central level.

The **R.Gunasekaran, Rough stone and Gravel quarry over an Extent of 1.49.0 Ha in S.F.No. 245, 246/1 & 246/2A at Valavanthal Village of Vembakkam Taluk, Tiruvannamalai District** of M/s **GEO EXPLORATION MINING** located in Village State **Tamil Nadu** was initially received in the Ministry on **11 Apr 2019** for obtaining Terms of Reference (ToR) as per EIA Notification,2006. The Project was appraised by the Expert Appraisal Committee (Non-Coal Mining) [EAC] during its **0028** th/nd/rd meeting held between **02 Apr 2019** to **05 Apr 2019** and prescribed ToRs to the project for undertaking detailed EIA study for obtaining Environmental Clearance. Accordingly, the Ministry of Environment, Forest and Climate Change had prescribed ToRs to the project on **11 Apr 2019**

PROJECT DETAILS

The project of M/s **GEO EXPLORATION MINING** located in as follows :

State of the project				
S. No.	State	District	Tehsil	Village
(1.)	Tamil Nadu	Tiruvannamalai	Tiruvannamalai	Valavanthal

The production details / project configuration is as follows :

Project configuration/product details						
S. No.	Project configuration/product details	Quantity	Unit	Other Unit	Mode of Transport/Transmission of Product	Other Mode of Transport
(1.)	Quarrying area	1.490	3		Road	

Raw Material Requirement is as follows :

Raw Material Requirement details								
S. No.	Item	Quantity per annum	Unit	Other Unit	Source	Mode of Transport/Transmission of Product	Other Mode of Transport	Distance of Source from Project Site(Kilometers)
(1.)	Rough Stone	29411	9	cubic meter	Quarrying	Road		1

DELIBERATION IN EAC

After detailed deliberations, the committee observed:- **The proposal was placed in the 132th SEAC Meeting held on 26.07.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:**

- 1. Government Order / Lease details:** The Quarry lease was applied in the name of Thiru. R.Gunasekaran, Tiruvannamalai, Precise Area Communication was issued by the District Collector, Tiruvannamalai vide Rc. No. 378/Mines/2018, Dated: 06.08.2018. for a period of 5 years. It is a fresh lease for Rough stone and Gravel quarry lease over an extent of 1.49.0Ha in S.F.No. 245, 246/1& 246/2A at Valavanthal Village, Vembakkam Taluk, Tiruvannamalai District.
- 2. Mining Plan / Scheme of Mining approved details:** The Mining plan was prepared for the period of 5 years. The mining plan was got approval from the Assistant Director, Department of Geology and Mining, Tiruvannamalai District vide Rc. No. 378/Kanimam/2017 Dated: 31.08.2018.
- 3. As per the Department of Geology and Mining, Tiruvannamalai District. Mining Plan approval for the 5 years, the production schedule for 5 years states that the total quantity of Rough stone should not exceed 1,47,059m³ and Gravel should not exceed 13,686m³ For First year - 29,324m³ of Rough stone and 738m³ of Gravel For Second year - 30.745m³ of Rough stone and 12.948m³ of Gravel For Third year - 28,885m³ of Rough stone For Fourth year - 27,240m³ of Rough stone Fifth year - 30,865m³ of Rough stone**
- 4. The quarry operation is proposed upto a depth of 38m (3m gravel and 35m Rough stone).**
- 5. The Quarry operation is proposed to carry out with open cast mechanized mining with 5.0m vertical bench width.**
- 6. Rough stone and Gravel are to be transported by Tippers of 2 Nos. (20 T Capacity).**
- 7. The project is locate at 12°44'10.61"N to 12°44'16.71"N latitude and 79°41'19.33"E to 79°41'23.75"E Longitude.**
- 8. The total Manpower requirement is 24 Nos.**
- 9. Total cost of the projects is Rs. 46,63,000/- and EMP cost about Rs. 3,80,000/-**
- 10. The Water table is found to be at the depth of 45m in summer and 40m in rainy season.**
- 11. Lease applied area is not covered under HACA region.**
- 12. No Coastal Regulation Zone (CRZ) within the radius of 10km.**
- 13. No Interstate boundary & Western Ghats Boundary within the radius of 10km**
- 14. No National Park & Wild Life Sanctuary within the radius of 10km.**
- 15. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km**
- 16. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km.**
- 17. No habitation within the radius of the 300m from the lease area and nearest habitation is located at a distance of 530m on the Northern side of the lease area.**
- 18. Letter obtained from the Assistant Director, Department of Geology and Mining, Tiruvannamalai vide Letter RC. No. 378/Kanimam/2017 dated 04.09.2018 about the details of the quarries (Proposed / Existing / Abandoned quarries) within a radius of 500m from the boundary of the proposed quarry site as follows.**

S. No. Name of the quarry owner Village S. F. No. Extent in ha. a. Existing Quarries

- 1. NIL**
- b. Abandoned / Expired Quarries**
- 2. S.D.Karunanidhi, S/o. Dhayalan, Pillaichathiram, Sriperambathur Taluk, Kancheepuram. Valavanthal 250/2&250/3 0.64.0**
- 3. V.Munusamy, S/o.VadivelNaicker, No.14, Panjukotti Street, Kancheepuram. Valavanthal 224/4A, 4B 0.43.3**
- 4. N.Subramani, No.210,ArapakkamVillage, Kancheepuram. Vadakalpakkam 208/4, 5A,5B 0.82.5 Total Extent 1.89.8**
- c. Proposed Quarries**
- 5. Thiru. R. GunaSekaran Valavanthal 245,246/1 & 246/2A 1.49.0**

RECOMMENDATIONS OF EAC

The committee's recommendation:

- 1. Ground water quality monitoring should be conducted every month and the report should be submitted to TNPCB.**
- 2. Proper barrier for reducing the Noise level to the surrounding areas shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration. A report regarding this may be furnished before placing the subject to SEIAA.**
- 3. The operation of the quarry should no way impact the water bodies surrounding the project site.**
- 4. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.**
- 5. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.**
- 6. It was reported that quarrying operation was already been carried out in the portion of the mining lease area of the southern side. Hence, the proponent is requested to obtain the following details from the AD, mines, Thiruvannamalai, a) What was the period of the operation and stoppage of the**

earlier mines? b) Quantity of minerals mined out. c) Depth of mining d) Name of the person already mined in that leases area. The above details shall be furnished before placing the subject to SEIAA. 7. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities. 8. The recommendation for the issue of environmental clearance is subject to the outcome of the Honâ€™ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981 /2016, M.A.No.982/2016 & M.A.No.384/2017). 9. The entire mining operation should be as per the guidelines for Sustainable Sand Mining issued in 2016 by the MoEF& CC, GOI, New Delhi. 10. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation. 11. The mine closure plan submitted by the project proponent shall be strictly followed after the mine activity is lapsed as reported. 14. The Project Proponent has submitted the letter from Assistant Director, Department of Geology and Mining, Tiruvannamalai vide Letter RC. No. 378/Kanimam/2017 dated 04.09.2018. Hence the proponent shall obtain latest letter from AD/DD mines about the details of the quarries (Proposed / Existing / Abandoned quarries) within a radius of 500 m from the boundary of the proposed quarry site with the extent of the each quarry as follows S. No. Name of the quarry owner Village S. F. No. Extent in ha. a. Existing Quarries b. Abandoned / Expired Quarries c. Proposed Quarries The proponent shall furnish the above said detail before placing the subject to SEIAA 12. CER activities should be carried out for development of Library, sports facilities and providing drinking water facility in Government school, Valavanthal Village as committed during SEAC meeting as per Office Memorandum of MoEF& CC dated 01.05.2018 the above activity shall be carried out before obtaining CTO from TNPCB

Conclusion

Recommended

Member Secretary Condition	
Specific Condition	
S.No	Condition
(1)	The SEAC noted the following: 1. The Proponent, Thiru. R.Gunasekaran has applied for Environmental Clearance to SEIAA-TN for the Proposed for Rough stone and Gravel quarry lease over an extent of 1.49.0Ha in S.F.No. 245, 246/1& 246/2A at Valavanthal Village, Vembakkam Taluk, Tiruvannamalai District, Tamil Nadu. 2. The project/activity is covered under Category â€œBâ€• of Item 1(a) â€œMining of Mineral Projectsâ€• of the Schedule to the EIA Notification, 2006.
(2)	1. Ground water quality monitoring should be conducted every month and the report should be submitted to TNPCB.
(3)	4. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road. 5. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.
(4)	7. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities.
(5)	11. The mine closure plan submitted by the project proponent shall be strictly followed after the mine activity is lapsed as reported.
(6)	6. It was reported that quarrying operation was already been carried out in the portion of the mining lease area of the southern side. Hence, the proponent is requested to obtain the following details from

	the AD, mines, Thiruvanamalai, a) What was the period of the operation and stoppage of the earlier mines? b) Quantity of minerals mined out. c) Depth of mining d) Name of the person already mined in that leases area. The above details shall be furnished before placing the subject to SEIAA.
(7)	8. The recommendation for the issue of environmental clearance is subject to the outcome of the Honâ€™ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016,M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981 /2016, M.A.No.982/2016 & M.A.No.384/2017).
(8)	9. The entire mining operation should be as per the guidelines for Sustainable Sand Mining issued in 2016 by the MoEF& CC, GOI, New Delhi. 10. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation. nd O.A.No.520 of 2016 (M.A.No. 981 /2016, M.A.No.982/2016 & M.A.No.384/2017).
(9)	2. Proper barrier for reducing the Noise level to the surrounding areas shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration. A report regarding this may be furnished before placing the subject to SEIAA. 3. The operation of the quarry should no way impact the water bodies surrounding the project site.
(10)	14. The Project Proponent has submitted the letter from Assistant Director, Department of Geology and Mining, Tiruvannamalai vide Letter RC. No. 378/Kanimam/2017 dated 04.09.2018. Hence the proponent shall obtain latest letter from AD/DD mines about the details of the quarries (Proposed / Existing / Abandoned quarries) within a radius of 500 m from the boundary of the proposed quarry site with the extent of the each quarry as follows S. No. Name of the quarry owner Village S. F. No. Extent in ha. a. Existing Quarries b. Abandoned / Expired Quarries c. Proposed Quarries The proponent shall furnish the above said detail before placing the subject to SEIAA
(11)	12. CER activities should be carried out for development of Library, sports facilities and providing drinking water facility in Government school, Valavanthal Village as committed during SEAC meeting as per Office Memorandum of MoEF& CC dated 01.05.2018 the above activity shall be carried out before obtaining CTO from TNPCB.

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Commiittee in its ----- th meeting held during ----- to ----- . After detailed deliberation the commiittee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the appliation based on the recommendations of the Expert Apprasisal Commiittee and hereby decided to grant Environmental Clearance for the proposed ----- (Project Name), located at ----- .

Date :- **23 Sep 2019**

(1.) Proposal No. :- **SIA/TN/MIN/36267/2019** File No- **0032**

Type- **EC**

INTRODUCTION

The proponent made online application vide proposal no. **SIA/TN/MIN/36267/2019** dated **15 May 2019** along with copies of EIA/EMP seeking environment clearance under the provisions of the EIA Notification, 2006 for the above mentioned project. The proposed project activity is listed at SL.No. **,1(a) Mining of minerals ,** under Category "**B2** " of EIA Notification 2006 and the proposal is appraised at Central level.

The **S.Selvaraj, Rough stone and Gravel quarry from over an Extent of 1.96.0ha in S.F.No. 89/2, 89/3 & 89/5 at Navalakkampatti Village of Ettayapuram Taluk, Thoothukudi District** of M/s **GEO EXPLORATION MINING** located in Village State **Tamil Nadu** was initially received in the Ministry on **10 Apr 2019** for obtaining Terms of Reference (ToR) as per EIA Notification,2006. The Project was appraised by the Expert Appraisal Committee (Non-Coal Mining) [EAC] during its **0032** th/nd/rd meeting held between **03 Apr 2019 to 04 Apr 2019** and prescribed ToRs to the project for undertaking detailed EIA study for obtaining Environmental Clearance. Accordingly, the Ministry of Environment, Forest and Climate Change had prescribed ToRs to the project on **10 Apr 2019**

PROJECT DETAILS

The project of M/s **GEO EXPLORATION MINING** located in as follows :

State of the project				
S. No.	State	District	Tehsil	Village
(1.)	Tamil Nadu	Thoothukkudi	Ettayapuram	Navlakkampatti

The production details / project configuration is as follows :

Project configuration/product details						
S. No.	Project configuration/product details	Quantity	Unit	Other Unit	Mode of Transport/Transmission of Product	Other Mode of Transport
(1.)	Quarrying Lease area	3.125	3		Road	
(2.)	Quarrying Lease area	3.125	3		Road	

Raw Material Requirement is as follows :

Raw Material Requirement details								
S. No.	Item	Quantity per annum	Unit	Other Unit	Source	Mode of Transport/Transmission of Product	Other Mode of Transport	Distance of Source from Project Site(Kilometers)
(1.)	Rough Stone	43230	9	Cubic meter	Quarrying	Road		1

DELIBERATION IN EAC

After detailed deliberations, the committee observed:- **1. Government Order / Lease details:** The Quarry lease was applied in the name of Mr. S.Selvaraj, Thoothukudi, Precise Area Communication was issued by the District Collector, Thoothukudi vide G.M.1/455/2018 Dated 05.10.2018 for a period of 5 years. It is a fresh lease for Rough stone and Gravel quarry lease over an extent of 1.96.0 Ha in S.F.No. 89/2, 89/3 & 89/5 at Navalakkampatti Village of Ettayapuram Taluk, Thoothukudi District. **2. Mining Plan / Scheme of Mining approved details:** The Mining plan was prepared for the period of 5 years. The mining plan was got approval from the Assistant Director, Department of Geology and Mining, Thoothukudi District vide Rc. No. G.M.1/455/2018 Dated: 16.10.2018. **3. As per the Department of Geology and Mining, Thoothukudi District.** Mining Plan approval for the 5 years, the production schedule for 5 years states that the total quantity of Rough stone should not exceed 2,16,150m³ and Topsoil with Gravel should not exceed 43,422m³ For First

year- 41,085m³ of Rough stone and 11,860m³ of Topsoil with Gravel For Second year- 42,980m³ of Rough stone and 7,224m³ of Topsoil with Gravel For Third year- 44,085m³ of Rough stone and 8,130m³ of Topsoil with Gravel For Fourth year- 43,550m³ of Rough stone and 6,480m³ of Topsoil with Gravel For Fifth year- 44,450m³ of Rough stone and 7,560m³ of Topsoil with Gravel 4. The Quarry operation is proposed to carry out with open cast semi mechanized mining with 5.0m vertical bench width. 5. The quarry operation is proposed upto a depth of 23m (3m topsoil with grave land 35m Rough stone). 6. The project is locate at 09°11'14.71"N to 09°11'21.37"N latitude and 77°59'11.30"E to 77°59'14.80"E Longitude. 7. The total Manpower requirement is 16 Nos. 8. Total cost of the projects is Rs. 1,17,03,000/- and EMP cost about Rs. 1,80,000/- 9. Lease applied area is not covered under HACA region. 10. No Coastal Regulation Zone (CRZ) within the radius of 10km. 11. No Interstate boundary & Western Ghats Boundary within the radius of 10km. 12. No National Park & Wild Life Sanctuary within the radius of 10km. 13. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km. 14. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km. 15. No habitation within the radius of the 300m from the lease area and the nearest habitation is located at a distance of 580m on the Eastern side of the lease area. 16. Letter obtained from the Assistant Director, Department of Geology and Mining, Thoothukudi vide Letter RC. No. 455/(G&M)/2018 dated 16.04.2019 about the details of the quarries (Proposed / Existing / Abandoned quarries) within a radius of 500m from the boundary of the proposed quarry site as follows,

RECOMMENDATIONS OF EAC

The committee's recommendation: 1. The Proponent, Thiru.S.Selvaraj has applied for Environmental Clearance to SEIAA-TN for the Proposed for Rough stone and Gravel quarry lease over an extent of 1.96.0 Ha in S.F.No.89/2, 89/3 & 89/5 at Navalakkampatti Village of Ettayapuram Taluk, Thoothukudi District, Tamil Nadu. 2. The project/activity is covered under Category 'B' of Item 1(a) 'Mining of Mineral Projects' of the Schedule to the EIA Notification, 2006. The project proponent gave presentation about the proposal. Based on the presentation made by the proponent and the documents furnished. The SEAC decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to the following condition in addition to normal condition: 1. Ground water quality monitoring should be conducted every month and the report should be submitted to TNPCB. 2. Proper barrier for reducing the Noise level to the surrounding areas shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration. A report regarding this may be furnished before placing the subject to SEIAA. 3. The operation of the quarry should no way impact the water bodies surrounding the project site. 4. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road. 5. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable. 6. It was reported that quarrying operation was already been carried out in the portion of the mining lease area of the western side. Hence, the proponent is requested to obtain the following details from the AD, mines, Thoothukudi that a) What was the period of the operation and stoppage of the earlier mines? b) Quantity of minerals mined out. c) Depth of mining d) Name of the person already mined in that leases area. The above details shall be furnished before placing the subject to SEIAA. 7. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities. 8. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016,M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981 /2016, M.A.No.982/2016 & M.A.No.384/2017). 9. The entire mining operation should be as per the guidelines for Sustainable Sand Mining issued in 2016 by the MoEF& CC, GOI, New Delhi. 10. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation. 11. The mine closure plan submitted by the project proponent shall be strictly followed after the mine activity is lapsed as reported.\

12. CER activities should be carried out for the development of sports facilities, providing toilet Facility and providing RO facility for drinking water to Government school, Navalakkampatti as committed during SEAC meeting as per Office Memorandum of MoEF& CC dated 01.05.2018 the above activity shall be carried out before obtaining CTO from TNPCB. In this regard the project proponent is requested to submit the sworn affidavit duly signed by the project proponent and authorized by the Notary public.

Conclusion

Recommended

Member Secretary Condition	
Specific Condition	
S.No	Condition
(1)	5. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable. 6. It was reported that quarrying operation was already been carried out in the portion of the mining lease area of the western side. Hence, the proponent is requested to obtain the following details from the AD, mines, Thoothukudi that a) What was the period of the operation and stoppage of the earlier mines? b) Quantity of minerals mined out. c) Depth of mining d) Name of the person already mined in that leases area
(2)	8. The recommendation for the issue of environmental clearance is subject to the outcome of the Honâ€™ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016,M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981 /2016, M.A.No.982/2016 & M.A.No.384/2017).
(3)	8. The recommendation for the issue of environmental clearance is subject to the outcome of the Honâ€™ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016,M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981 /2016, M.A.No.982/2016 & M.A.No.384/2017).
(4)	12. CER activities should be carried out for the development of sports facilities, providing toilet Facility and providing RO facility for drinking water to Government school, Navalakkampatti as committed during SEAC meeting as per Office Memorandum of MoEF& CC dated 01.05.2018 the above activity shall be carried out before obtaining CTO from TNPCB. In this regard the project proponent is requested to submit the sworn affidavit duly signed by the project proponent and authorized by the Notary public.
(5)	1. Ground water quality monitoring should be conducted every month and the report should be submitted to TNPCB. 2. Proper barrier for reducing the Noise level to the surrounding areas shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration. A report regarding this may be furnished before placing the subject to SEIAA. 3. The operation of the quarry should no way impact the water bodies surrounding the project site. 4. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
(6)	11. The mine closure plan submitted by the project proponent shall be strictly followed after the mine activity is lapsed as reported.\
(7)	1. The Proponent, Thiru.S.Selvaraj has applied for Environmental Clearance to SEIAA-TN for the Proposed for Rough stone and Gravel quarry lease over an extent of 1.96.0 Ha in S.F.No.89/2, 89/3 &

	89/5 at Navalakkampatti Village of Ettayapuram Taluk, Thoothukudi District, Tamil Nadu. 2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
(8)	7. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities.

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Committee in its ----- th meeting held during ----- to ----- . After detailed deliberation the committee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee and hereby decided to grant Environmental Clearance for the proposed ----- (Project Name), located at ----- .

Date :- **23 Sep 2019**

(1.) Proposal No. :- **SIA/TN/MIN/36973/2019** File No- **0059**

Type- **EC**

INTRODUCTION

The proponent made online application vide proposal no. **SIA/TN/MIN/36973/2019** dated **29 May 2019** along with copies of EIA/EMP seeking environment clearance under the provisions of the EIA Notification, 2006 for the above mentioned project. The proposed project activity is listed at SL.No. ,**1(a) Mining of minerals** , under Category "**B2** " of EIA Notification 2006 and the proposal is appraised at Central level.

The **S.Suresh, Savudu quarry from over an Extent of 1.14.0ha in S.F.No. 187/1A,1B,2,3,4,5,6,7,8,9, 10,11,12,13,16,17 &18 at Rajapadmapuram Village of Tiruttani Taluk, Thiruvallur District of M/s GEO EXPLORATION MINING** located in Village State **Tamil Nadu** was initially received in the Ministry on **29 May 2019** for obtaining Terms of Reference (ToR) as per EIA Notification,2006. The Project was appraised by the Expert Appraisal Committee (Non-Coal Mining) [EAC] during its **0059** th/nd/rd meeting held between **29 May 2019 to 29 May 2019** and prescribed ToRs to the project for undertaking detailed EIA study for obtaining Environmental Clearance. Accordingly, the Ministry of Environment, Forest and Climate Change had prescribed ToRs to the project on **29 May 2019**

PROJECT DETAILS

The project of M/s **GEO EXPLORATION MINING** located in as follows :

State of the project				
S. No.	State	District	Tehsil	Village
(1.)	Tamil Nadu	Tiruvallur	Tiruttani	Rajapadmapuram

The production details / project configuration is as follows :

Project configuration/product details						
S. No.	Project configuration/product details	Quantity	Unit	Other Unit	Mode of Transport/Transmission of Product	Other Mode of Transport

(1.)	Lease area	1.140	3		Road	
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Raw Material Requirement is as follows :

Raw Material Requirement details								
S. No.	Item	Quantity per annum	Unit	Other Unit	Source	Mode of Transport/Transmission of Product	Other Mode of Transport	Distance of Source from Project Site(Kilometers)
(1.)	SAVUDU	7582	9	Cubic meter	Quarrying	Road		0.1

DELIBERATION IN EAC

After detailed deliberations, the committee observed:- **The proposal was placed in this 132nd SEAC Meeting held on 25.07.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:**

- Government order/ Lease details:** The Quarry lease was applied in the name of Thiru. S. Suresh, Tiruvallur District, Precise Area Communication letter was issued by the District Collector, Tiruppur District vide Rc.No. 488/2018/Kanimam.2, dated 15.11.2018 for a period of Ninety days. It is a Fresh lease for Savudu quarry lease over an Extent of 1.14.0ha in S.F.No. 187/1A,1B,2,3,4,5,6,7,8,9, 10,11,12,13,16,17 &18 at Rajapadmapuram Village of Tiruttani Taluk, Thiruvallur District.
- Mining Plan/Scheme of Mining approval details:** Mining plan was prepared for the period of Ninety days. The Mining Plan was got approval from the Assistant Director, Department of Geology and Mining, Tiruvallur District vide Rc. No. 486/2018/G&M-2, dated 06.12.2018.
- The Project is proposed to quarry savudu about 7,582m³ for Ninety days by open cast semi mechanized method (Without drilling & blasting)**
- The quarry operation is proposed upto a depth of 1.0m below the ground level.**
- Savudu are to be transported by Tipper 2 Nos. (10 T Capacity)**
- The project is locate at 13°06'17"N to 13°06'21"N latitude and 79°49'07"E to 79°49'12"E Longitude.**
- The total Manpower requirement is 12 Nos.**
- Total cost of the projects is Rs. 7,66,000/- and EMP cost about Rs. 83,000/-**
- The Water table is found to be at the depth of 20m below the ground level.**
- Lease applied area is not covered under HACA region.**
- No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area.**
- No Interstate boundary & Western Ghats Boundary within the radius of 10km from the lease area.**
- No National Park & Wild Life Sanctuary within the radius of 10km from the lease area.**
- No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km.**
- No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km.**
- No habitation within the radius of the 300m from the lease area.**
- Letter obtained from the Assistant Director, Department of Geology and Mining, Tiruvallur vide Letter R.C. No. 486/2018/G&M-2, Dated 27.05.2019 about the details of the quarries (Proposed / Existing / Abandoned quarries) within a radius of 500m from the boundary of the proposed quarry site as follows.**

RECOMMENDATIONS OF EAC

The committee's recommendation:

- A letter /certificate shall be obtained from the Assistant Director of Geology and Mining standing that there is no other Minerals/resources like sand in the quarrying area within the approved depth of mining and the same shall be furnished before applying CTO from TNPCB.**
- Ground water quality monitoring should be conducted every month and the report should be submitted to TNPCB.**
- A minimum safety distance of 100 m should be provided between the boundaries of the kosasthai River to the mining area. This should be ensure by the District level Task force and AD/ DD Geology of mines department, Thiruvallur.**
- All the conditions imposed by the District collector, Thiruvallur vide Lr.No.186/2018/kanimam.2**

dated 15.11.2018. 5. The lease agreement between the land owners and Thiru. S. Suresh for the quarry lease for Savudu quarry over an extent of 1.14.0ha in S.F.No. 187/1A,1B,2,3,4,5,6,7,8,9, 10,11,12,13,16,17&18 at Rajapadmapuram Village of Tiruttani Taluk, Thiruvallur District, Tamil Nadu has to be register before commencement of the mining lease. This should be ensured by the District collector. 6. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road. 7. Floor of excavated pit to be levelled and sides to be sloped gently in the mine closure phase. 8. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable. 9. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities. 10. The recommendation for the issue of environmental clearance is subjected to the outcome of the Honâ€™ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No.758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017). 11. The entire mining operation should be as per the guidelines for sustainable sand mining issued in 2016 by the MoEF & CC, GOI, New Delhi. 12. To ensure safety along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation. 13. To prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration. 14. CER activities for developing furniture facilities for Government Middle School, Rajapadmapuram for an amount of Rs. 16,900 as committed by the proponent as per Office Memorandum of MoEF & CC dated 01.05.2018. The above amount should be spent before applying CTO from TNPCB.

Conclusion

Recommended

Member Secretary Condition	
Specific Condition	
S.No	Condition
(1)	6. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road. 7. Floor of excavated pit to be levelled and sides to be sloped gently in the mine closure phase.
(2)	1. The recommendation for the issue of environmental clearance is subjected to the outcome of the Honâ€™ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No.758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).
(3)	3. A minimum safety distance of 100 m should be provided between the boundaries of the kosasthai River to the mining area. This should be ensure by the District level Task force and AD/ DD Geology of mines department, Thiruvallur. 4. All the conditions imposed by the District collector, Thiruvallur vide Lr.No.186/2018/kanimam.2 dated 15.11.2018.
(4)	13. To prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration. 14. CER activities for developing furniture facilities for Government Middle School, Rajapadmapuram for an amount of Rs. 16,900 as committed by the proponent as per Office Memorandum of MoEF & CC dated 01.05.2018. The above amount should be spent before applying CTO from TNPCB.
(5)	1. A letter /certificate shall be obtained from the Assistant Director of Geology and Mining standing that there is no other Minerals/resources like sand in the quarrying area within the approved depth of mining

	and the same shall be furnished before applying CTO from TNPCB. 2. Ground water quality monitoring should be conducted every month and the report should be submitted to TNPCB.
(6)	5. The lease agreement between the land owners and Thiru. S. Suresh for the quarry lease for Savudu quarry over an extent of 1.14.0ha in S.F.No. 187/1A,1B,2,3,4,5,6,7,8,9, 10,11,12,13,16,17&18 at Rajapadmapuram Village of Tiruttani Taluk, Thiruvallur District, Tamil Nadu has to be register before commencement of the mining lease. This should be ensured by the District collector.
(7)	8. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable. 9. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities.
(8)	10. The recommendation for the issue of environmental clearance is subjected to the outcome of the Honâ€™ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No.758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).

and also enclosed as **Annexture-I**

The proposal was considered by Expert Appraisal Commiittee in its ----- th meeting held during --- ----- to ----- . After detailed deliberation the commiittee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the appliation based on the recommendations of the Expert Appraisal Commiittee and hereby decided to grant Environmental Clearance for the proposed ----- (Project Name), located at ----- .

Date :- **23 Sep 2019**

(1.) Proposal No. :- **SIA/TN/MIN/37853/2019** File No- **0084**

Type- **EC**

INTRODUCTION

The proponent made online application vide proposal no. **SIA/TN/MIN/37853/2019** dated **27 Jun 2019** along with copies of EIA/EMP seeking environment clearance under the provisions of the EIA Notification, 2006 for the above mentioned project. The proposed project activity is listed at SL.No. ,**1(a) Mining of minerals** , under Category "**B2** " of EIA Notification 2006 and the proposal is appraised at Central level.

The **S.Bama,Rough stone and Gravel quarry from over an Extent of 0.53.0ha in S.F.No.618/2A1 (P) at Myvadi Village, Madathukulam Taluk, Tiruppur District** of M/s **GEO EXPLORATION MINING** located in Village State **Tamil Nadu** was initially received in the Ministry on **17 Jun 2019** for obtaining Terms of Reference (ToR) as per EIA Notification,2006. The Project was appraised by the Expert Appraisal Committee (Non-Coal Mining) [EAC] during its **0084** th/nd/rd meeting held between **17 Jun 2019** to **17 Jun 2019** and prescribed ToRs to the project for undertaking detailed EIA study for obtaining Environmental Clearance. Accordingly, the Ministry of Environment, Forest and Climate Change had prescribed ToRs to the project on **17 Jun 2019**

PROJECT DETAILS

The project of M/s **GEO EXPLORATION MINING** located in as follows :

State of the project				
S. No.	State	District	Tehsil	Village

(1.)	Tamil Nadu	Tiruppur	Madathukulam	Myvadi
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The production details / project configuration is as follows :

Project configuration/product details						
S. No.	Project configuration/product details	Quantity	Unit	Other Unit	Mode of Transport/Transmission of Product	Other Mode of Transport
(1.)	Lease area	0.530	3		Road	

Raw Material Requirement is as follows :

Raw Material Requirement details								
S. No.	Item	Quantity per annum	Unit	Other Unit	Source	Mode of Transport/Transmission of Product	Other Mode of Transport	Distance of Source from Project Site(Kilometers)
(1.)	Rough Stone	13940	9	cubic meter	Quarrying	Road		0.1

DELIBERATION IN EAC

After detailed deliberations, the committee observed:- **The proposal was placed in the 132th SEAC Meeting held on 26.07.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:** 1. **Government Order / Lease details:** The Quarry lease was applied in the name of Tmt.S.Bama, Tiruppur, Precise Area Communication was issued by the District Collector, Tiruppur vide Rc.No.1426/Mines/2017, Dated: 17.10.2018 for a period of 5 years. It is a fresh lease for Rough stone and Gravel quarry lease over an extent of 0.53.0Ha in S.F.No.618/2A1 (P) at Myvadi Village, Madathukulam Taluk, Tiruppur District. 2. **Mining Plan / Scheme of Mining approved details:** The Mining plan was prepared for the period of 5 years. The mining plan was got approval from the Assistant Director, Department of Geology and Mining, Tiruppur District vide Rc. No. 1426/Mines/2017 Dated: 04.01.2019. 3. As per the Department of Geology and Mining, Tiruppur District. Mining Plan approval for the 5 years, the production schedule for 5 years states that the total quantity of Rough stone should not exceed 69,700m³ and Gravel should not exceed 6,640m³ For First year - 13,800m³ of Rough stone and 3200m³ of Gravel For Second year - 14,000m³ of Rough stone and 2800m³ of Gravel For Third year - 14,000m³ of Rough stone and 640m³ of Gravel For Fourth year - 14,000m³ of Rough stone For Fifth year - 13,900m³ of Rough stone 4. The quarry operation is proposed upto a depth of 32m (2m Gravel and 30m Rough stone). 5. The Quarry operation is proposed to carry out with open cast semi mechanized mining with 5.0m vertical bench and width using Excavator, jackhammer drilling and blasting (with 25mm dia holes). 6. Rough stone are to be transported by Dumpers 2 Nos. (20 T Capacity) 7. The project is locate at 10°33'52.05"N to 10°33'55.66"N latitude and 77°19'41.08"E to 77°19'42.95"E Longitude. 8. The total Manpower requirement is 12 Nos. 9. Total cost of the projects is Rs. 25,35,000/- and EMP cost about Rs. 3,80,000/- 10. Lease applied area is not covered under HACA region. 11. No Coastal Regulation Zone (CRZ) within the radius of 10km. 12. No Interstate boundary & Western Ghats Boundary within the radius of 10km 13. No National Park & Wild Life Sanctuary within the radius of 10km. 14. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km 15. No Protected Area, Eco

Sensitive Zone & Eco Sensitive Area within the radius of 10km. 16. No habitation within the radius of the 300m from the lease area and the nearest habitation is located at a distance of 420m on the Eastern side of the lease area. 17. Letter obtained from the Assistant Director, Department of Geology and Mining, Tiruppur vide Letter RC. No. 1426/Mines/2017 dated 04.01.2018 about the details of the quarries (Proposed / Existing / Abandoned quarries) within a radius of 500m from the boundary of the proposed quarry site as follows, S. No. Name of the quarry owner Village S. F. No. Extent in ha. a. Existing Quarries 1. Thiru. P.Santhana Krishnan Myvadi 610/1 (Part) 1.70.6 TOTAL EXTENT (A) 1.70.6 b. Abandoned / Expired Quarries (B) 2. NIL c. Proposed Quarries 3. Tmt. S.Bama Myvadi 618/2A1 (Part) 0.53.0 TOTAL EXTENT (C) 0.53.0 GRAND TOTAL (A + B + C) 2.23.6

RECOMMENDATIONS OF EAC

The committee's recommendation: The SEAC noted the following: 1. The Proponent, Tmt.S.Bama has applied for Environmental Clearance to SEIAA-TN for the proposed Rough stone and Gravel for over an extent of 0.53.0Ha in S.F.No.618/2A1(P)at Myvadi Village, Madathukulam Taluk, Tiruppur District. 2. The project/activity is covered under Category 'B2' of Item 1(a) 'Mining of Mineral Projects' of the Schedule to the EIA Notification, 2006. The project proponent gave presentation about the proposal. Based on the presentation made by the proponent and the documents furnished. The SEAC decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to the following condition in addition to normal condition: 1. The proposed mining quarry is very nearby the Railway track .Hence the proponent should necessary NoC from the concern authority of souther railway before execution of mining lease to be executed by the District Collector. 2. The proposed mining quarry is very nearby the EB line .Hence the proponent should necessary NoC from the concern authority of TANGIDCO before execution of mining lease to be executed by the District Collector. 3. Ground water quality monitoring should be conducted every month and the report shall be submitted to TNPCB. 4. Proper barrier for reducing the noise level shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration. 5. The operation of the quarry should no way impact the water bodies surrounding the project site. 6. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road. 7. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable. 8. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities. 9. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016,M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981 /2016, M.A.No.982/2016 & M.A.No.384/2017). 10. The entire mining operation should be as per the guidelines for Sustainable Sand Mining issued in 2016 by the MoEF& CC, GOI, New Delhi. 11. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation. 12. The mine closure plan submitted by the project proponent shall be strictly followed after the mine activity is lapsed as reported. 13. The proponent shall submit the proposal for the CER as per office memorandum of MoEF&CC dated01.05.2018 before placing the subject to SEIAA.

Conclusion

Recommended

Member Secretary Condition

Specific Condition

S.No	Condition
(1)	<p>The project proponent gave presentation about the proposal. Based on the presentation made by the proponent and the documents furnished. The SEAC decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to the following condition in addition to normal condition:</p> <p>1. The proposed mining quarry is very nearby the Railway track .Hence the proponent should necessary NoC from the concern authority of souther railway before execution of mining lease to be executed by the District Collector. 2. The proposed mining quarry is very nearby the EB line .Hence the proponent should necessary NoC from the concern authority of TANGIDCO before execution of mining lease to be executed by the District Collector.</p>
(2)	<p>The project proponent gave presentation about the proposal. Based on the presentation made by the proponent and the documents furnished. The SEAC decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to the following condition in addition to normal condition:</p> <p>1. The proposed mining quarry is very nearby the Railway track .Hence the proponent should necessary NoC from the concern authority of souther railway before execution of mining lease to be executed by the District Collector. 2. The proposed mining quarry is very nearby the EB line .Hence the proponent should necessary NoC from the concern authority of TANGIDCO before execution of mining lease to be executed by the District Collector.</p>
(3)	<p>The project proponent gave presentation about the proposal. Based on the presentation made by the proponent and the documents furnished. The SEAC decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to the following condition in addition to normal condition:</p> <p>1. The proposed mining quarry is very nearby the Railway track .Hence the proponent should necessary NoC from the concern authority of souther railway before execution of mining lease to be executed by the District Collector. 2. The proposed mining quarry is very nearby the EB line .Hence the proponent should necessary NoC from the concern authority of TANGIDCO before execution of mining lease to be executed by the District Collector.</p>
(4)	<p>1. The Proponent, Tmt.S.Bama has applied for Environmental Clearance to SEIAA-TN for the proposed Rough stone and Gravel for over an extent of 0.53.0Ha in S.F.No.618/2A1(P)at Myvadi Village, Madathukulam Taluk, Tiruppur District. 2. The project/activity is covered under Category “B” of Item 1(a) “Mining of Mineral Projects” of the Schedule to the EIA Notification, 2006.</p>
(5)	<p>The project proponent gave presentation about the proposal. Based on the presentation made by the proponent and the documents furnished. The SEAC decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to the following condition in addition to normal condition:</p> <p>1. The proposed mining quarry is very nearby the Railway track .Hence the proponent should necessary NoC from the concern authority of souther railway before execution of mining lease to be executed by the District Collector. 2. The proposed mining quarry is very nearby the EB line .Hence the proponent should necessary NoC from the concern authority of TANGIDCO before execution of mining lease to be executed by the District Collector.</p>
(6)	<p>The project proponent gave presentation about the proposal. Based on the presentation made by the proponent and the documents furnished. The SEAC decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to the following condition in addition to normal condition:</p> <p>1. The proposed mining quarry is very nearby the Railway track .Hence the proponent should necessary NoC from the concern authority of souther railway before execution of mining lease to be executed by the District Collector. 2. The proposed mining quarry is very nearby the EB line .Hence the proponent should necessary NoC from the concern authority of TANGIDCO before execution of mining lease to be executed by the District Collector.</p>

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Committee in its ----- th meeting held during ----- to ----- . After detailed deliberation the committee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee and hereby decided to grant Environmental Clearance for the proposed ----- (Project Name), located at ----- .

Date :- 23 Sep 2019

(1.) Proposal No. :- SIA/TN/MIN/38051/2019 File No- 0085

Type- EC

INTRODUCTION

The proponent made online application vide proposal no. **SIA/TN/MIN/38051/2019** dated **25 Jun 2019** along with copies of EIA/EMP seeking environment clearance under the provisions of the EIA Notification, 2006 for the above mentioned project. The proposed project activity is listed at SL.No. ,**1(a) Mining of minerals** , under Category "**B2** " of EIA Notification 2006 and the proposal is appraised at Central level.

The **S.Jameel, Multi Coloured Granite Quarry over an Extent of 1.32.5Ha in S.F.No.671/2 of Veerapatti Village of Illuppur Taluk, Pudukottai District** of M/s **GEO EXPLORATION MINING** located in Village State **Tamil Nadu** was initially received in the Ministry on **21 Jun 2019** for obtaining Terms of Reference (ToR) as per EIA Notification,2006. The Project was appraised by the Expert Appraisal Committee (Non-Coal Mining) [EAC] during its **0085** th/nd/rd meeting held between **21 Jun 2019** to **21 Jun 2019** and prescribed ToRs to the project for undertaking detailed EIA study for obtaining Environmental Clearance. Accordingly, the Ministry of Environment, Forest and Climate Change had prescribed ToRs to the project on **21 Jun 2019**

PROJECT DETAILS

The project of M/s **GEO EXPLORATION MINING** located in as follows :

State of the project				
S. No.	State	District	Tehsil	Village
(1.)	Tamil Nadu	Pudukkottai	Iluppur	Verrapatti

The production details / project configuration is as follows :

Project configuration/product details						
S. No.	Project configuration/product details	Quantity	Unit	Other Unit	Mode of Transport/Transmission of Product	Other Mode of Transport
(1.)	Lease area	1.325	3		Road	

Raw Material Requirement is as follows :

Raw Material Requirement details								
S. No.	Item	Quantity per annum	Unit	Other Unit	Source	Mode of Transport/Transmission of Product	Other Mode of Transport	Distance of Source from

								Project Site(Kilometers)
(1.)	Granite Stone	4250	9	cubic meter	Quarrying	Road		1

DELIBERATION IN EAC

After detailed deliberations, the committee observed:- **The proposal was placed in the 132th SEAC Meeting held on 26.07.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:**

- 1. Government order/ Lease details:** The proponent Thiru. S. Jameel, has been granted quarry lease for quarrying of Multi coloured Granite over an Extent of 1.32.5Ha in S.F.No.671/2 of Veerapatti Village of Illuppur Taluk, Pudukottai District, Tamil Nadu vide G.O. (3D). No. 9, Industries (MMB.2) Department dated 21.01.2006 for a period of Twenty year. The Lease deed was executed on 24.02.2002, the quarry operation was commenced after the execution of lease deed and the lease will get expired on 21.01.2026.
- 2. Mining Plan/Scheme of Mining approval details:**
 - a. The Mining plan (2006-07 to 2010-11)** was approved by the Commission of Geology and Mining, Guindy, Chennai vide letter No. 9209/MM2/2005, dated 13.01.2006.
 - b. The First Scheme of Quarrying (2011-12 to 2015-16)** was not prepared and submitted.
 - c. The Second Scheme of Quarrying** was prepared and submitted for the period of 2016-17 to 2020-21 and approved by the Department of Geology and Mining, Guindy, Chennai vide Rc. No. 2390/MM2/2018, dated 14.09.2018. The quarrying operation and quantity of material mined are as follows.

Year	Proposed	Achieved	ROM (m3)
2006-07	1440	360	10,825
2007-08	1440	360	-
2008-09	1440	360	-
2009-10	1440	360	-
2010-11	1440	360	-
2011-12	-	-	-
2012-13	-	-	23,956
2013-14	-	-	-
2014-15	-	-	-
2015-16	-	-	4,535

The lessee had not obtained transport permit during the violation period 15.01.2016 to 10.01.2017. The lessee had obtained transport permit of 39,316 cum for the plan period 2006-07 to 2015-16.

- 3. As per the Scheme of Quarrying for the years 2016-17 to 2020-21,** production schedule for year[™]s states that the total volume of recoverable as 25% of Multi Coloured Granite should not exceed 5,315m3. For 2016-17 - 1063m3 For 2017-18 - 1063 m3 For 2018-19 - 1063 m3 For 2019-20 - 1063 m3 For 2020-21 - 1063 m3
- 4. The waste that will be resulting in the quarrying operation for the 5 years 2016-17 to 2010-21** will be 15,935m3(75% of Granite Waste) and Topsoil 4,558m3. The total Waste will be temporarily dumped on the Southern side.
- 5. The proponent has obtained transport permit on 04.03.2015 (Transport permit valid up to 04.03.2015)** and thereafter no transport permission has been obtained, the letter obtained from the Assistant Director, Department of Geology and Mining, Pudukkottai, vide letter Rc. No. 247/2018 (G&M), dated 03.07.2019.
- 6. The quarry operation is proposed up to a depth of 6m from the existing mine (1m Topsoil and 5m Multicolour Granites)** for the present scheme period (2016-17 to 2020-21).
- 7. Quarrying Operation will be done by Opencast Semi Mechanised method with Diamond Wire Saw cutting.**
- 8. Granite is to be transported by tippers of 2 Nos. (20 T capacity).**
- 9. The Water table is found to be at the depth of 30m from general ground profile.**
- 10. Lease applied area is not covered under HACA region.**
- 11. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area.**
- 12. No Interstate boundary & Western Ghats Boundary within the radius of 10km from the lease area.**
- 13. No National Park & Wild Life Sanctuary within the radius of 10km from the lease area.**
- 14. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km from the lease area.**
- 15. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km.**
- 16. No habitation within the radius of the 300m from the lease area and nearest habitation is located at a distance of 330m on North Western side of the lease area.**
- 17. Letter obtained from the Assistant Director, Department of Geology and Mining, Pudukkottai vide Letter RC. No. 247/2018/(G&M) dated 20.11.2018 about the details of the quarries (Proposed / Existing / Abandoned quarries) within a radius of 500m from the boundary of the proposed quarry site as follows.**

RECOMMENDATIONS OF EAC

The committee's recommendation: **The SEAC noted the following: 1. The Proponent, Thiru. S. Jameel has applied for Environment Clearance to SEIAA-TN for the Construction of Multi Coloured Granite Quarry lease over an Extent of 1.32.5Ha in S.F.No.671/2 of Veerapatti Village of Illuppur Taluk, Pudukottai District the state of Tamil Nadu. 2. The project/activity is covered under Category 'B2' of Item 1(a) 'Mining of Mineral Projects' of the Schedule to the EIA Notification, 2006. The project proponent gave detailed presentation. Based on the presentation made by the proponent and the documents furnished, the SEAC decided to direct the proponent to furnish the following details: 1. Two ponds namely Periyakulam and Senkulam and Ovalikulam and Eaagudikulam are located adjacent to the project site. Hence, the project proponent is requested to submit the safety distance provided from the proposed mining to the water bodies and should study the impact of the mining operation to the nearby water bodies and its mitigation measures shall be provided. 2. The copy of the Ownership document of patta/ sale deed for the S.F.No. 671/2 proposed in the application should be furnished. 3. In the G.O. (3D). No. 9, Industries (MMB.2) Department dated 21.01.2006 has imposed the following conditions 'The applicant should shift the high tension line passing through the South Western portion of the applied area before executing the lease deed'. In this regard, the proponent is requested to submit the action taken report for the same with necessary documents and photographs. 4. The proponent shall furnish the details of safety arrangements provided and fencing for mine lease area with photographs. 5. The project proponent has not furnished the letter obtained from AD/DD mines in the following format in terms of Existing quarries/ abandoned quarries/ Present Proposed quarries/ Future Proposed quarries. Hence, the SEAC decided that the project proponent may get the following information from the AD/DD Mines, Tirunelveli District 'Letter from the AD/DD Mines about the details (Name of the Owner, S F No, Extent & distance from the boundary of this quarry) of other quarries (proposed/Existing/Abandoned quarries) within a radius of 500 m from the boundary of the proposed quarry site in the following format. Sl.No. Name of the Quarry Owner Name of Village & Survey Number Extent in Hectare Distance from this proposed Quarry a. Existing quarries 1 2 b. Abandoned quarries 1 2 c. Present Proposed quarries 1 2 d. Future Proposed quarries 1 2 Total extent On receipt of the above details, SEAC will decide the further course of action on the proposal.**

Conclusion

Deferred

Member Secretary Condition

Specific Condition

S.No	Condition
(1)	1. Two ponds namely Periyakulam and Senkulam and Ovalikulam and Eaagudikulam are located adjacent to the project site. Hence, the project proponent is requested to submit the safety distance provided from the proposed mining to the water bodies and should study the impact of the mining operation to the nearby water bodies and its mitigation measures shall be provided. 2. The copy of the Ownership document of patta/ sale deed for the S.F.No. 671/2 proposed in the application should be furnished.
(2)	1. Two ponds namely Periyakulam and Senkulam and Ovalikulam and Eaagudikulam are located adjacent to the project site. Hence, the project proponent is requested to submit the safety distance provided from the proposed mining to the water bodies and should study the impact of the mining operation to the nearby water bodies and its mitigation measures shall be provided. 2. The copy of the Ownership document of patta/ sale deed for the S.F.No. 671/2 proposed in the application should be furnished.

(3)	Letter from the AD/DD Mines about the details (Name of the Owner, S F No, Extent & distance from the boundary of this quarry) of other quarries (proposed/Existing/Abandoned quarries) within a radius of 500 m from the boundary of the proposed quarry site in the following format. Sl.No. Name of the Quarry Owner Name of Village & Survey Number Extent in Hectare Distance from this proposed Quarry a. Existing quarries 1 2 b. Abandoned quarries 1 2 c. Present Proposed quarries 1 2 d. Future Proposed quarries 1 2 Total extent On receipt of the above details, SEAC will decide the further course of action on the proposal.
(4)	1. Two ponds namely Periyakulam and Senkulam and Ovalikulam and Eaagudikulam are located adjacent to the project site. Hence, the project proponent is requested to submit the safety distance provided from the proposed mining to the water bodies and should study the impact of the mining operation to the nearby water bodies and its mitigation measures shall be provided. 2. The copy of the Ownership document of patta/ sale deed for the S.F.No. 671/2 proposed in the application should be furnished.

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Committee in its ----- th meeting held during ----- to ----- . After detailed deliberation the committee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee and hereby decided to grant Environmental Clearance for the proposed ----- (Project Name), located at ----- .

Date :- **23 Sep 2019**

(1.) Proposal No. :- **SIA/TN/MIN/38152/2019** File No- **0086**

Type- **EC**

INTRODUCTION

The proponent made online application vide proposal no. **SIA/TN/MIN/38152/2019** dated **28 Jun 2019** along with copies of EIA/EMP seeking environment clearance under the provisions of the EIA Notification, 2006 for the above mentioned project. The proposed project activity is listed at SL.No. ,**1(a) Mining of minerals** , under Category "**B2** " of EIA Notification 2006 and the proposal is appraised at Central level.

The **M/s. Sri Murugavel Mines & Minerals, Quartz & Feldspar Quarry** from over an Extent of **1.21.0ha** in **S.F.No. 409/3 (P) at Vadaseri Village of Kulithalai Taluk, Karur District** of **M/s GEO EXPLORATION MINING** located in Village State **Tamil Nadu** was initially received in the Ministry on **24 Jun 2019** for obtaining Terms of Reference (ToR) as per EIA Notification,2006. The Project was appraised by the Expert Appraisal Committee (Non-Coal Mining) [EAC] during its **0086** th/nd/rd meeting held between **24 Jun 2019** to **24 Jun 2019** and prescribed ToRs to the project for undertaking detailed EIA study for obtaining Environmental Clearance. Accordingly, the Ministry of Environment, Forest and Climate Change had prescribed ToRs to the project on **24 Jun 2019**

PROJECT DETAILS

The project of M/s **GEO EXPLORATION MINING** located in as follows :

State of the project				
S. No.	State	District	Tehsil	Village
(1.)	Tamil Nadu	Karur	Kulithalai	Vadaseri

The production details / project configuration is as follows :

Project configuration/product details						
S. No.	Project configuration/product details	Quantity	Unit	Other Unit	Mode of Transport/Transmission of Product	Other Mode of Transport
(1.)	Lease area	1.210	3		Road	

Raw Material Requirement is as follows :

Raw Material Requirement details								
S. No.	Item	Quantity per annum	Unit	Other Unit	Source	Mode of Transport/Transmission of Product	Other Mode of Transport	Distance of Source from Project Site(Kilometers)
(1.)	Quartz	17901	9	Tonnes	Quarrying	Road		0.1

DELIBERATION IN EAC

After detailed deliberations, the committee observed:-

- 1. Government order/ Lease details:** The Quarry lease was granted in the name of Tvl. Sri Murugavel Mines & Minerals, Salem, Precise Area Communication was issued by the Principal Secretary to Government, Industries Department, Chennai, vide Letter. No. 13336/MMC.2/2018-1, dated 25.02.2019 for a period of 10 years. It is a Fresh lease for Quartz & Feldspar Quarry lease over an Extent of 1.21.0ha in S.F.No. 409/3 (P) at Vadaseri Village of Kulithalai Taluk, Karur District.
- 2. Mining Plan/Scheme of Mining approval details:** The Mining plan was prepared for the period of 5 years. The Mining Plan was approved from the Joint Director of Geology and Mining, Guindy, Chennai vide letter Rc. No. 6303/MM7/2018/Q&F/Kar, dated 21.05.2019.
- 3. As per the Mining plan, the production schedule for first five years states that total quantity of Quartz (75%) should not exceed 17901Tonnes and Feldspar (25%) recovery should not exceed 5967 Tonnes.**

Year	Quartz (75%)	Feldspar (25%)
For First Year	3627	1209
For Second year	3627	1209
For Third year	3627	1209
For Fourth year	3744	1248
For Fifth year	3276	1092
Total	17901	5967
- 4. The Total waste that will be resulting in the quarrying operation for first years will be 23,997Tonnes (20% of Mineral Reject – Side burden). The total Waste will be dump on the Northern side of the lease area.**
- 5. Mining operation will be by Opencast Semi Mechanized Method with (Jackhammer) drilling and blasting.**
- 6. Quartz & Feldspar are to be transported by tippers of 2 Nos. (10 T capacity).**
- 7. The Water table is found to be at the depth of 37m in summer season and 34m in rainy Season.**
- 8. The Total Manpower requirement is 10Nos.**
- 9. Total Cost of the project is about Rs. 13,01,000/- and EMP Cost about Rs. 2,75,000/-**
- 10. Lease applied area is not covered under HACA region.**
- 11. No Coastal Regulation Zone (CRZ) within the radius of 10km.**
- 12. No Interstate boundary & Western Ghats Boundary within the radius of 10km**
- 13. No National Park & Wild Life Sanctuary within the radius of 10km.**
- 14. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km**
- 15. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km.**
- 16. No habitation within the radius of 300m from the lease area and the nearest habitation is 580m on the South Western side of the lease area.**
- 17. Letter obtained from the Deputy Director, Department of Geology and Mining, Karur vide Letter Rc. No. 1017/Mines/2018, dated 15.05.2019, about the details of quarries (Proposed / Existing / Abandoned Quarries) within a radius 500m from the boundary of the proposed quarry site as follows,**

S.No.	Name of the quarry Owner Village	S.F.No	Extent (Ha)	a. Existing

Quarries 1. Nil b. Abandoned / Expired quarries 1. Nil c. Proposed quarries 1. M/s. Sri Murugavel Mines and Minerals Vadaseri 409/3 (P) 1.21.0 Total Extent 1.21.0

RECOMMENDATIONS OF EAC

The committee's recommendation: **The SEAC noted the following: 1. The Proponent, M/s. Sri Murugavel Mines & Mines has applied for Environmental Clearance to SEIAA-TN for the Proposed Quartz & Feldspar Quarry lease over an Extent of 1.21.0ha in S.F.No. 409/3 (P) at Vadaseri Village of Kulithalai Taluk, Karur District the state of Tamil Nadu. 2. The project/activity is covered under Category 'B2' of Item 1(a) 'Mining of Mineral Projects' of the Schedule to the EIA Notification, 2006. The proposal was placed in the 130th SEAC Meeting held on 11.06.2019. The proponent made a presentation about the project proposal. Based on the presentation made by the proponent and the documents furnished, the SEAC instruct the project proponent to furnish the following details: 1. Copy of the village map, FMB sketch and 'A' register shall be furnished. 2. Hydro geological studies shall be carried out to evaluate the impact of mining activities on the surrounding agricultural farms and habitations. A study report shall be submitted on the possible adverse impact and its mitigation measures on agriculture, vegetation, and economics of the people living nearby. 3. Measures taken to establish proper barrier for reducing the Noise level shall be reported. 4. Social economic impact in and around the project site shall be furnished. 5. Health check up result on the respirable silica shall be furnished. 6. AAQ survey shall be conducted for the PM10 & PM2.5 and the report shall be furnished.**

Conclusion

Deferred

Member Secretary Condition	
Specific Condition	
S.No	Condition
(1)	1. The Proponent, M/s. Sri Murugavel Mines & Mines has applied for Environmental Clearance to SEIAA-TN for the Proposed Quartz & Feldspar Quarry lease over an Extent of 1.21.0ha in S.F.No. 409/3 (P) at Vadaseri Village of Kulithalai Taluk, Karur District the state of Tamil Nadu. 2. The project/activity is covered under Category 'B2' of Item 1(a) 'Mining of Mineral Projects' of the Schedule to the EIA Notification, 2006.
(2)	4. Social economic impact in and around the project site shall be furnished. 5. Health check up result on the respirable silica shall be furnished. 6. AAQ survey shall be conducted for the PM10 & PM2.5 and the report shall be furnished.
(3)	The proposal was placed in the 130th SEAC Meeting held on 11.06.2019. The proponent made a presentation about the project proposal. Based on the presentation made by the proponent and the documents furnished, the SEAC instruct the project proponent to furnish the following details: 1. Copy of the village map, FMB sketch and 'A' register shall be furnished. 2. Hydro geological studies shall be carried out to evaluate the impact of mining activities on the surrounding agricultural farms and habitations. A study report shall be submitted on the possible adverse impact and its mitigation measures on agriculture, vegetation, and economics of the people living nearby. 3. Measures taken to establish proper barrier for reducing the Noise level shall be reported.

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Committee in its ----- th meeting held during ----- to ----- . After detailed deliberation the committee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee and hereby decided to grant Environmental Clearance for the proposed ----- (Project Name), located at ----- .

Date :- **23 Sep 2019**

(1.) Proposal No. :- **SIA/TN/MIN/38222/2019** File No- **Nil**

Type- **EC**

INTRODUCTION

The proponent made online application vide proposal no. **SIA/TN/MIN/38222/2019** dated **06 Jul 2019** along with copies of EIA/EMP seeking environment clearance under the provisions of the EIA Notification, 2006 for the above mentioned project. The proposed project activity is listed at SL.No. ,**1(a) Mining of minerals** , under Category "**B2** " of EIA Notification 2006 and the proposal is appraised at Central level.

The **Kayathar Rough Stone and Gravel Quarry Project.** of M/s **MURUGAIAH THEVAR** located in Village State **Tamil Nadu** was initially received in the Ministry on **05 Jul 2019** for obtaining Terms of Reference (ToR) as per EIA Notification,2006. The Project was appraised by the Expert Appraisal Committee (Non-Coal Mining) [EAC] during its **Nil** th/nd/rd meeting held between **03 Jan 2006** to **03 Jan 2006** and prescribed ToRs to the project for undertaking detailed EIA study for obtaining Environmental Clearance. Accordingly, the Ministry of Environment, Forest and Climate Change had prescribed ToRs to the project on **05 Jul 2019**

PROJECT DETAILS

The project of M/s **MURUGAIAH THEVAR** located in as follows :

State of the project				
S. No.	State	District	Tehsil	Village
(1.)	Tamil Nadu	Thoothukkudi	Kovilpatti	Kayathar

The production details / project configuration is as follows :

Project configuration/product details						
S. No.	Project configuration/product details	Quantity	Unit	Other Unit	Mode of Transport/Transmission of Product	Other Mode of Transport
(1.)	Gravel	26460	9	m3	Road	
(2.)	Rough Stone	127155	9	m3	Road	

Raw Material Requirement is as follows :

Raw Material Requirement details

S. No.	Item	Quantity per annum	Unit	Other Unit	Source	Mode of Transport/Transmission of Product	Other Mode of Transport	Distance of Source from Project Site(Kilometers)
(1.)	Diesel	67.990	9	KL/A	Local	Road		12

DELIBERATION IN EAC

After detailed deliberations, the committee observed:- The proposal was placed in the 132th SEAC Meeting held on 26.07.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows: 1. Government Order / Lease details: The Quarry lease was applied in the name of Thiru. M. Murugaiah Thevar, Precise Area Communication was issued by the District Collector, vide Rc. No. G.M/1-571/2018, Dated: 06.06.2019 for a period of 5 years. It is a fresh lease for Rough stone and Gravel quarry lease over an extent of 1.21.5 Ha. located at S.F. No. 665/1 (Part), Kayathar Village, Kayathar Taluk, Thoothukudi District. 2. Mining Plan / Scheme of Mining approved details: The Mining plan was prepared for the period of 5 years. The mining plan was got approval from the Assistant Director, Department of Geology and Mining, vide Rc. No.571/G&M/2018 Dated: 14.06.2019. 3. The production schedule is proposed an average production of 1,27,155m³ of Rough Stone & 26,460m³ of top soil with gravel for a period of five years. 4. Depth of Mining : 38m bgl 5. The project site is located at 08° 55' N to 08° 56' 00.30" N latitude and 77° 44' 51" E to 77° 44' 59.76" E longitude. 6. As per the Mining plan, total Geological resources are 4,22,940 m³ of Rough Stone and 36,252m³ of Gravel, total Mineable reserves are 1,27,155 m³ of Rough Stone & 26,460 m³ of Gravel. 7. The total water requirement will be around 3.4kLD for drinking, domestic usage dust suppression sprinkling and Green belt development. 8. The total manpower requirement is 14 Nos. 9. Total cost of the project is Rs. 62,38,220/- and EMP cost about Rs. 2,90,000/- 10. Letter obtained from the Assistant Director, Department of Geology and Mining, Thoothukudi vide Letter RoC. No. 571/G&M/2018 dated 18.06.2019 about the details of the quarries (Proposed / Existing / Abandoned quarries) within a radius of 500m from the boundary of the proposed quarry site as follows. S. No. Name of the quarry owner Village S. F. No. Extent in ha. d. Existing Quarries NIL e. Abandoned / Expired Quarries 6. M.Marutharaj Kayathar Village & Therkkuilanthaikulam 340/2 & 667 6.02.0 f. Proposed Quarries NIL The SEAC noted the following:

RECOMMENDATIONS OF EAC

The committee's recommendation: The SEAC noted the following: 1. The Proponent, Thiru. M. Murugaiah Thevar has applied for Environmental Clearance to SEIAA-TN for the Proposed for Rough Stone and Gravel Quarry over an extent of 1.21.5 Ha. located at S.F. No. 665/1 (Part), Kayathar Village, Kayathar Taluk, Thoothukudi District, TamilNadu. 2. The project/activity is covered under Category B2 of Item 1(a) Mining of Mineral Projects of the Schedule to the EIA Notification, 2006. The project proponent gave presentation about the proposal. Based on the presentation made by the proponent and the documents furnished. The SEAC decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to the following condition in addition to normal condition: 1. Ground water quality monitoring should be conducted every month and the report should be submitted to TNPCB. 2. Proper barrier for reducing the Noise level to the surrounding areas shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration. A report regarding this may be furnished before placing the subject to SEIAA. 3. The operation of the quarry should no way impact the water bodies surrounding the project site. 4. Transportation of the quarried materials shall

not cause any hindrance to the Village people/Existing Village road. 5. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable. 6. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities. 7. The recommendation for the issue of environmental clearance is subject to the outcome of the Honâ€™ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016,M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981 /2016, M.A.No.982/2016 & M.A.No.384/2017). 8. The entire mining operation should be as per the guidelines for Sustainable Sand Mining issued in 2016 by the MoEF& CC, GOI, New Delhi. 9. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation. 10. The mine closure plan submitted by the project proponent shall be strictly followed after the mine activity is lapsed as reported. 11. CER activities should be carried out for development of Library, sports facilities and providing drinking water facility in Government school, Valavanthal Village as committed during SEAC meeting as per Office Memorandum of MoEF& CC dated 01.05.2018 the above activity shall be carried out before obtaining CTO from TNPCB.

Conclusion

Recommended

Member Secretary Condition	
Specific Condition	
S.No	Condition
(1)	The SEAC noted the following: 1. The Proponent, Thiru. M. Murugaiah Thevar has applied for Environmental Clearance to SEIAA-TN for the Proposed for Rough Stone and Gravel Quarry over an extent of 1.21.5 Ha. located at S.F. No. 665/1 (Part), Kayathar Village, Kayathar Taluk, Thoothukudi District, TamilNadu. 2. The project/activity is covered under Category â€œBâ€• of Item 1(a) â€œMining of Mineral Projectsâ€• of the Schedule to the EIA Notification, 2006. The project proponent gave presentation about the proposal. Based on the presentation made by the proponent and the documents furnished. The SEAC decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to the following condition in addition to normal condition:
(2)	6. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities.
(3)	7. The recommendation for the issue of environmental clearance is subject to the outcome of the Honâ€™ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016,M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981 /2016, M.A.No.982/2016 & M.A.No.384/2017).
(4)	3. The operation of the quarry should no way impact the water bodies surrounding the project site. 4. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road. 5. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable.

(5)	1. Ground water quality monitoring should be conducted every month and the report should be submitted to TNPCB. 2. Proper barrier for reducing the Noise level to the surrounding areas shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration. A report regarding this may be furnished before placing the subject to SEIAA.
(6)	10. The mine closure plan submitted by the project proponent shall be strictly followed after the mine activity is lapsed as reported. 11. CER activities should be carried out for development of Library, sports facilities and providing drinking water facility in Government school, Valavanthal Village as committed during SEAC meeting as per Office Memorandum of MoEF& CC dated 01.05.2018 the above activity shall be carried out before obtaining CTO from TNPCB.
(7)	8. The entire mining operation should be as per the guidelines for Sustainable Sand Mining issued in 2016 by the MoEF& CC, GOI, New Delhi. 9. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Committee in its ----- th meeting held during ----- to ----- . After detailed deliberation the committee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee and hereby decided to grant Environmental Clearance for the proposed ----- (Project Name), located at ----- .

Date :- **23 Sep 2019**

(1.) Proposal No. :- **SIA/TN/MIN/38266/2018** File No- **0098**

Type- **EC**

INTRODUCTION

The proponent made online application vide proposal no. **SIA/TN/MIN/38266/2018** dated **05 Jul 2019** along with copies of EIA/EMP seeking environment clearance under the provisions of the EIA Notification, 2006 for the above mentioned project. The proposed project activity is listed at SL.No. ,**1(a) Mining of minerals** , under Category "**B2** " of EIA Notification 2006 and the proposal is appraised at Central level.

The **K.Ramalingam,Gravel quarry from over an Extent of 2.65.0 Ha in S.F.Nos. 276/2, 276/3 & 277/1 at C.N.Palayam village, Cuddalore Taluk, Cuddalore District** of M/s **GEO EXPLORATION MINING** located in Village State **Tamil Nadu** was initially received in the Ministry on **27 Sep 2018** for obtaining Terms of Reference (ToR) as per EIA Notification,2006. The Project was appraised by the Expert Appraisal Committee (Non-Coal Mining) [EAC] during its **0089** th/nd/rd meeting held between **06 Sep 2018** to **12 Sep 2018** and prescribed ToRs to the project for undertaking detailed EIA study for obtaining Environmental Clearance. Accordingly, the Ministry of Environment, Forest and Climate Change had prescribed ToRs to the project on **27 Sep 2018**

PROJECT DETAILS

The project of M/s **GEO EXPLORATION MINING** located in as follows :

State of the project				
S. No.	State	District	Tehsil	Village

(1.)	Tamil Nadu	Cuddalore	Cuddalore	C.N.Palayam
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The production details / project configuration is as follows :

Project configuration/product details						
S. No.	Project configuration/product details	Quantity	Unit	Other Unit	Mode of Transport/Transmission of Product	Other Mode of Transport
(1.)	Lease area	2.65.0	3		Road	

Raw Material Requirement is as follows :

Raw Material Requirement details								
S. No.	Item	Quantity per annum	Unit	Other Unit	Source	Mode of Transport/Transmission of Product	Other Mode of Transport	Distance of Source from Project Site(Kilometers)
(1.)	Gravel	99960	3		Cubic meter	Road		0.1

DELIBERATION IN EAC

After detailed deliberations, the committee observed:- **The proposal was placed in the 132th SEAC Meeting held on 26.07.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:**

- 1. Government order/ Lease details:** The Quarry lease was applied in the name of Thiru. K.Ramalingam, Cuddalore District, Precise Area Communication letter was issued by the District Collector, Cuddalore District vide Rc.No.390/Mines/2017, dated 01.10.2018 for a period of Two Years. It is a Fresh lease for Gravel quarry lease over an extent of 2.65.0 Ha in S.F.Nos. 276/2, 276/3 & 277/1 at C.N.Palayam Village, Cuddalore Taluk, Cuddalore District.
- 2. Mining Plan/Scheme of Mining approval details:** Mining plan was prepared for the period of Two years. The Mining Plan was got approval from the Assistant Director, Department of Geology and Mining, Cuddalore District vide Rc.No.390/Mines/2017, dated: 22.10.2018.
- 3. The Project is proposed to quarry Gravel about 1,11,266m³ for Two Years by open cast mechanized method (Without drilling & blasting). For First Year - 56,040m³ of Gravel For Second Year - 55,226m³ of Gravel**
- 4. The quarry operation is proposed upto a depth of 7m above the ground level.**
- 5. Gravel is to be transported by Tippers. (10/20 T Capacity)**
- 6. The project is located at 11°43'00.46"N to 11°43'06.29"N latitude and 79°36'48.77"E to 79°36'56.04"E Longitude.**
- 7. The total Manpower requirement is 16 Nos.**
- 8. Total cost of the projects is Rs. 40,93,000/- and EMP cost about Rs. 1,20,000/-**
- 9. The Water table is found to be at the depth of 40m in Summer and 35m in rainy season below the ground level.**
- 10. Lease applied area is not covered under HACA region.**
- 11. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area.**
- 12. No Interstate boundary & Western Ghats Boundary within the radius of 10km from the lease area.**
- 13. No National Park & Wild Life Sanctuary within the radius of 10km from the lease area.**
- 14. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km.**
- 15. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km.**
- 16.**

Letter obtained from the Deputy Director, Department of Geology and Mining, Cuddalore vide Letter R.C. No.390/Mines/2017, Dated 03.07.2019 about the details of the quarries (Proposed / Existing / Abandoned quarries) within a radius of 500m from the boundary of the proposed quarry site as follows. S. No. Name of the quarry owner Village S. F. No. Extent in ha. a. Existing Quarries 1. Thiru. D. Chozhan C. N. Palayam 267/3 1.19.5 Total Extent (A) 1.19.5 b. Abandoned / Expired Quarries 2. Thiru. N.Sakthi C.N. Palayam 274/1, 270/2, 269/4, 270/1, 270/3 3.68.5 3. Thiru. S.Baskar C.N. Palayam 270/5, 271/4 2.17.5 4. Thiru. B.Palanivel C.N. Palayam 274/4A, 277/4A 1.79.0 5. Thiru. V.Rarhakrishnan C.N. Palayam 271/2, 271/3 2.10.0 6. Thiru. D.Vinoth C.N. Palayam 262/2, 262/5, 263/3 2.66.0 7. Thiru. K.Sivakumar C.N. Palayam 158/2, 158/4 1.55.5 Total Extent (B) 13.96.5 c. Proposed Quarries 8. Thiru. K. Ramalingam C.N. Palayam 409/3(P) 2.65.0 9. Thiru. Thangamani C.N. Palayam 275/4 0.94.0 Total Extent (C) 3.59.0 Grand Total (A + B + C) 18.75.0 The Total extent of the Existing / Proposed quarries are about (A+C) 4.78.5ha

RECOMMENDATIONS OF EAC

The committee's recommendation: **The SEAC noted the following: 1. The Proponent, Thiru. K.Ramalingam has applied for Environmental Clearance to SEIAA-TN for the Proposed Gravel Quarry lease over an extent of 2.65.0 Ha in S.F.Nos. 276/2, 276/3 & 277/1 at C.N.Palayam Village, Cuddalore Taluk, Cuddalore District Tamil Nadu. 2. The project/activity is covered under Category 'B' of Item 1(a) 'Mining of Mineral Projects' of the Schedule to the EIA Notification, 2006.**

Conclusion

Recommended

Member Secretary Condition	
Specific Condition	
S.No	Condition
(1)	The SEAC noted the following: 1. The Proponent, Thiru. K.Ramalingam has applied for Environmental Clearance to SEIAA-TN for the Proposed Gravel Quarry lease over an extent of 2.65.0 Ha in S.F.Nos. 276/2, 276/3 & 277/1 at C.N.Palayam Village, Cuddalore Taluk, Cuddalore District Tamil Nadu. 2. The project/activity is covered under Category 'B' of Item 1(a) 'Mining of Mineral Projects' of the Schedule to the EIA Notification, 2006.
(2)	The SEAC noted the following: 1. The Proponent, Thiru. K.Ramalingam has applied for Environmental Clearance to SEIAA-TN for the Proposed Gravel Quarry lease over an extent of 2.65.0 Ha in S.F.Nos. 276/2, 276/3 & 277/1 at C.N.Palayam Village, Cuddalore Taluk, Cuddalore District Tamil Nadu. 2. The project/activity is covered under Category 'B' of Item 1(a) 'Mining of Mineral Projects' of the Schedule to the EIA Notification, 2006.

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Committee in its ----- th meeting held during ----- to ----- . After detailed deliberation the committee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee and hereby decided to grant Environmental Clearance for the proposed ----- (Project Name), located at ----- .

Date :- 23 Sep 2019

(1.) Proposal No. :- SIA/TN/MIN/38311/2019 File No- SW10929

Type- EC

INTRODUCTION

The proponent made online application vide proposal no. **SIA/TN/MIN/38311/2019** dated **01 Jul 2019** along with copies of EIA/EMP seeking environment clearance under the provisions of the EIA Notification, 2006 for the above mentioned project. The proposed project activity is listed at SL.No. ,**1(a) Mining of minerals** , under Category "**B2** " of EIA Notification 2006 and the proposal is appraised at Central level.

The **Thiru S.Ponnusingam, Savudu Quarry** of M/s **ABM ENVIRO TECH PRIVATE LTD** located in Village State **Tamil Nadu** was initially received in the Ministry on **05 Jun 2019** for obtaining Terms of Reference (ToR) as per EIA Notification,2006. The Project was appraised by the Expert Appraisal Committee (Non-Coal Mining) [EAC] during its **NA** th/nd/rd meeting held between **05 Jun 2019** to **27 Jun 2019** and prescribed ToRs to the project for undertaking detailed EIA study for obtaining Environmental Clearance. Accordingly, the Ministry of Environment, Forest and Climate Change had prescribed ToRs to the project on **05 Jun 2019**

PROJECT DETAILS

The project of M/s **ABM ENVIRO TECH PRIVATE LTD** located in as follows :

State of the project				
S. No.	State	District	Tehsil	Village
(1.)	Tamil Nadu	Ramanathapuram	Rameswaram	Pamban

The production details / project configuration is as follows :

Project configuration/product details						
S. No.	Project configuration/product details	Quantity	Unit	Other Unit	Mode of Transport/Transmission of Product	Other Mode of Transport
(1.)	Savudu	5346	9	Cubic meter per annum	Road	

Raw Material Requirement is as follows :

Raw Material Requirement details								
S. No.	Item	Quantity per annum	Unit	Other Unit	Source	Mode of Transport/Transmission of Product	Other Mode of Transport	Distance of Source from Project Site(Kilometers)
(1.)	0	0	9	NA	NA	Road		0

DELIBERATION IN EAC

After detailed deliberations, the committee observed:- **The proposal was placed in this 132nd SEAC Meeting held on 25.07.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:**

1. Government order/Lease details : The District Collector, Ramanathapuram in his precise area communication letter reference Roc No.: 658/G & M.2/2016-Minerals Dated 17.11.2017 has directed the applicant to get approved mining plan and Environment Clearance from SEIAA, Tamil Nadu before grant of quarry lease for Savudu from in S.F.No. 454/2, over an extent of 0.95.0 Hectares, Consent Patta Land, Pamban Village in Rameswaram Taluk, Ramanathapuram, Tamil Nadu for a period of 12 Months.

2. Mining Plan/Scheme of Mining approval details: The mining plan is approved by Assistant Director, Geology and Mining, Vide Roc. 658/G&M.2/2016 dated 1.12.2017 for a period of 12 months. The following are the production and developmental works to be carried out for 12 months as given in the table below, Year Over Burden (m³) ROM (m³) Saleable ore / mineral (m³) Sub grade ore / mineral Mineral Rejects Ore to overburden ratio 12 Months Nil 5346 5346 0.00 0.00 1: 0 Total production for 12 Months 5346 m³ to a depth of 2.0m

3. As per the Approved Mining Plan Production shall not exceed 5346 m³ (12 months)

4. The product itself a part of overburden and therefore no overburden or top soil shall be removed from this area.

5. Savudu quarry operation involves in machinery method for loading and transport by JCB excavator and tipper /Tractor combination. As the Savudu is loose fine grained material it does not require any drilling.

6. Mini Hydraulic excavator of 0.25 m³ bucket capacity will be used to load the earth into the tippers/ tractor.

7. Haulage of minerals will be done by trucks/tractor tippers directly carry from mining area to consumer area.

8. The area is represented by Survey of India Toposheet No. 58O/7 and the geographical coordinates lie between Latitude 9°16'49.31"N to 9°16'52.49"N and Longitude: 79°16'15.34"E to 79°16'18.64"E. The SEAC noted the following:

1. The Proponent, Thiru S. Ponnusingam has applied for Environmental Clearance to SEIAA-TN for the Proposed for Savudu from in S.F.No. 454/2, over an extent of 0.95.0 Hectares, Pamban Village in Rameswaram Taluk, Ramanathapuram, Tamil Nadu.

2. The project/activity is covered under Category B2 of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.

RECOMMENDATIONS OF EAC

The committee's recommendation: **After the detailed presentation and perusal of the details furnished by the proponent, the SEAC decided to direct the proponent to furnish the following details.**

1. Village map and "A" Register. 2. Lithology detail of the project site. 3. Details of the water bodies located within & nearby project site. 4. The detailed mitigation measures to avoid the impact of mining on nearby habitation. 5. The mineral composition of the proposed Savudu shall be analysed and the report shall be furnished. 6. It was mentioned in the report that 100 trees will be cut in the future in the proposed mining lease. Details of the tree species with age of the trees shall be furnished. After receipt of the above details the proposal will be considered for appraisal by SEAC.

Conclusion

Deferred

Member Secretary Condition	
Specific Condition	
S.No	Condition

(1)	6. It was mentioned in the report that 100 trees will be cut in the future in the proposed mining lease. Details of the tree species with age of the trees shall be furnished. After receipt of the above details the proposal will be considered for appraisal by SEAC.
(2)	The SEAC noted the following: 1. The Proponent, Thiru S. Ponnusingam has applied for Environmental Clearance to SEIAA-TN for the Proposed for Savudu from in S.F.No. 454/2, over an extent of 0.95.0 Hectares, Pamban Village in Rameswaram Taluk, Ramanathapuram, Tamil Nadu. 2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006. After the detailed presentation and perusal of the details furnished by the proponent, the SEAC decided to direct the proponent to furnish the following details.
(3)	1. Village map and "A" Register. 2. Lithology detail of the project site. 3. Details of the water bodies located within & nearby project site. 4. The detailed mitigation measures to avoid the impact of mining on nearby habitation. 5. The mineral composition of the proposed Savudu shall be analysed and the report shall be furnished.

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Committee in its ----- th meeting held during ----- to ----- . After detailed deliberation the committee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee and hereby decided to grant Environmental Clearance for the proposed ----- (Project Name), located at ----- .

Date :- **23 Sep 2019**

(1.) Proposal No. :- **SIA/TN/MIN/38376/2019** File No- **SW/109441/2019**

Type- **EC**

INTRODUCTION

The proponent made online application vide proposal no. **SIA/TN/MIN/38376/2019** dated **28 Jun 2019** along with copies of EIA/EMP seeking environment clearance under the provisions of the EIA Notification, 2006 for the above mentioned project. The proposed project activity is listed at SL.No. ,**1(a) Mining of minerals** , under Category "**B2** " of EIA Notification 2006 and the proposal is appraised at Central level.

The **Tmt.S.Varalakshmi, Savudu quarry, 1.56.0 Ha, Patta Land in S.F.Nos. 318/2B, 318/2D, 318/2A, 313/3, & 313/2 of Valimarichan Village, Paramakudi Taluk, Ramanathapuram District, TN** of M/s **ABM ENVIRO TECH PRIVATE LTD** located in Village State **Tamil Nadu** was initially received in the Ministry on **03 Jun 2019** for obtaining Terms of Reference (ToR) as per EIA Notification,2006. The Project was appraised by the Expert Appraisal Committee (Non-Coal Mining) [EAC] during its **NA** th/nd/rd meeting held between **17 Jun 2019 to 25 Jun 2019** and prescribed ToRs to the project for undertaking detailed EIA study for obtaining Environmental Clearance. Accordingly, the Ministry of Environment, Forest and Climate Change had prescribed ToRs to the project on **03 Jun 2019**

PROJECT DETAILS

The project of M/s **ABM ENVIRO TECH PRIVATE LTD** located in as follows :

State of the project

S. No.	State	District	Tehsil	Village
(1.)	Tamil Nadu	Ramanathapuram	Paramakudi	Valimarichan

The production details / project configuration is as follows :

Project configuration/product details						
S. No.	Project configuration/product details	Quantity	Unit	Other Unit	Mode of Transport/Transmission of Product	Other Mode of Transport
(1.)	Savudu	14216	9	cu.m per annum	Road	

Raw Material Requirement is as follows :

Raw Material Requirement details								
S. No.	Item	Quantity per annum	Unit	Other Unit	Source	Mode of Transport/Transmission of Product	Other Mode of Transport	Distance of Source from Project Site(Kilometers)
(1.)	No raw material will be required	0	9	0	0	Road		0

DELIBERATION IN EAC

After detailed deliberations, the committee observed:- **The proposal was placed in this 132nd SEAC Meeting held on 25.07.2019. The project proponent gave detailed presentation. The salient features of the project as presented by the proponent are as follows: 1. Government order/Lease details: The District Collector, Ramanathapuram directed the proponent, through his reference letter Roc No.:459/G&M/.2/2017 dated 10.08.2017 to get approved Mining Plan and Environment Clearance from the concerned authority for grant of quarry lease for a period of 1 year for Tmt S.Varalakshmi, W/o Sampath residing No.3/266, Moovendar Nagar, T.Nalloor Post, Paramakudi Taluk, Ramanathapuram District has applied for grant of quarry lease for Savudu quarry over an extent of 1.56.0 hectares of Patta Land in S.F.Nos. 318/2B, 318/2D, 318/2A, 313/3, & 313/2 of Valimarichan Village, Paramakudi Taluk, Ramanathapuram District, Tamil Nadu. 2. Mining Plan/Scheme of mining approval details: Mining Plan approved by Assistant Director of Geology and Mining, Ramanathapuram vide.Rc.No.459 G&M.2/2017, Dated 19.09.2017 for a period of 1 year. The following are the production and developmental works to be carried out for one year as given in the table below: Year Over Burden (m3) ROM (m3) Saleable ore / mineral (m3) Sub grade ore / mineral Mineral Rejects Ore to overburden ratio One year NIL 14,216 14,216 0.00 0.00 1:0 Total production for one year14,216 m3 to a depth of 1.5m 3. As per the Approved Mining Plan Production shall not exceed 14,216m3 (one year) 4. The product itself is part of overburden and therefore no overburden or top soil shall be removed from this area. 5. Earth (Savudu) quarry operation involves in machinery method for loading and transport by Mini Hydraulic excavator of 0.25m3 bucket**

capacity and tipper /Tractor combination. 6. Haulage of minerals will be done by trucks\tractor tippers directly carry from mining area to consumer area

RECOMMENDATIONS OF EAC

The committee's recommendation: **The SEAC noted the following: 1. The Proponent, Tmt S. Varalakshmi, W/o Sampath has applied for Environmental Clearance to SEIAA-TN for the Proposed for Savudu quarry over an extent of 1.56.0 hectares of Patta Land in S.F.Nos. 318/2B, 318/2D, 318/2A, 313/3, & 313/2 of Valimarichan Village, Paramakudi Taluk, Ramanathapuram District, Tamil Nadu. 2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006. 3. The Assistant Director, Dept of Geology and mining, Ramanathapuram District vide in his letter Rc. No. G&M.2/459/2017 dated 25.06.2019 inform that there no quarries are located within 500 meter radius from the proposed area for clearance. After perusal of the details, the SEAC decided to the recommended the proposal to SEIAA for issue of Environmental Clearance stipulated the following specific conditions in addition to the normal conditions: 1. A letter /certificate shall be obtained from the Assistant Director of Geology and Mining standing that there is no other Minerals/resources like sand in the quarrying area within the approved depth of mining and the same shall be furnished before applying CTO from TNPCB. 2. Ground water quality monitoring should be carried out as per MoEF&CC norms for every month and the report should be submitted to TNPCB. 3. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road. Suitable preventive/ protective measures should be adopted. 4. Floor of excavated pit to be levelled and sides to be sloped gently in the mine closure phase. 5. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable. 6. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities. 7. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No.758/2016, M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017). 8. To ensure safety along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation. 9. To prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration. 10. CER proposal shall be submitted as per Office Memorandum of MoEF & CC dated 01.05.2018 with time frame before placing the subject to SEIAA.**

Conclusion

Recommended

Member Secretary Condition	
Specific Condition	
S.No	Condition
(1)	1. The Proponent, Tmt S. Varalakshmi, W/o Sampath has applied for Environmental Clearance to SEIAA-TN for the Proposed for Savudu quarry over an extent of 1.56.0 hectares of Patta Land in S.F.Nos. 318/2B, 318/2D, 318/2A, 313/3, & 313/2 of Valimarichan Village, Paramakudi Taluk, Ramanathapuram District, Tamil Nadu. 2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006. 3. The Assistant Director, Dept of Geology and mining, Ramanathapuram District vide in his letter Rc. No.

	G&M.2/459/2017 dated 25.06.2019 inform that there no quarries are located within 500 meter radius from the proposed area for clearance.
(2)	1. A letter /certificate shall be obtained from the Assistant Director of Geology and Mining standing that there is no other Minerals/resources like sand in the quarrying area within the approved depth of mining and the same shall be furnished before applying CTO from TNPCB. 2. Ground water quality monitoring should be carried out as per MoEF&CC norms for every month and the report should be submitted to TNPCB. 3. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road. Suitable preventive/ protective measures should be adopted.
(3)	4. Floor of excavated pit to be levelled and sides to be sloped gently in the mine closure phase. 5. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable. 2. Ground water quality monitoring should be carried out as per MoEF&CC norms for every month and the report should be submitted to TNPCB. 3. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road. Suitable preventive/ protective measures should be adopted.
(4)	6. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities. 7. The recommendation for the issue of environmental clearance is subject to the outcome of the Honâ€™ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No.758/2016, M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017). 8. To ensure safety along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation. 9. To prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration. 10. CER proposal shall be submitted as per Office Memorandum of MoEF & CC dated 01.05.2018 with time frame before placing the subject to SEIAA.
(5)	After perusal of the details, the SEAC decided to the recommended the proposal to SEIAA for issue of Environmental Clearance stipulated the following specific conditions in addition to the normal conditions:

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Committee in its ----- th meeting held during ----- to ----- . After detailed deliberation the committee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee and hereby decided to grant Environmental Clearance for the proposed ----- (Project Name), located at ----- .

Date :- **23 Sep 2019**

(1.) Proposal No. :- **SIA/TN/MIN/38404/2019** File No- **0092**

Type- **EC**

INTRODUCTION

The proponent made online application vide proposal no. **SIA/TN/MIN/38404/2019** dated **29 Jun 2019** along with copies of EIA/EMP seeking environment clearance under the provisions of the EIA Notification, 2006 for the above mentioned project. The proposed project activity is listed at SL.No. ,**1(a) Mining of**

minerals , under Category "**B2** " of EIA Notification 2006 and the proposal is appraised at Central level.

The **A.Gunaselvi, Red Earth quarry from over an Extent of 1.21.50ha in S.F.No. 194/2B1, 2B2, 3B & 4A at V.Parangani Village of Vanur Taluk, Viluppuram District** of M/s **GEO EXPLORATION MINING** located in Village State **Tamil Nadu** was initially received in the Ministry on **29 Jun 2019** for obtaining Terms of Reference (ToR) as per EIA Notification,2006. The Project was appraised by the Expert Appraisal Committee (Non-Coal Mining) [EAC] during its **0092** th/nd/rd meeting held between **29 Jun 2019 to 29 Jun 2019** and prescribed ToRs to the project for undertaking detailed EIA study for obtaining Environmental Clearance. Accordingly, the Ministry of Environment, Forest and Climate Change had prescribed ToRs to the project on **29 Jun 2019**

PROJECT DETAILS

The project of M/s **GEO EXPLORATION MINING** located in as follows :

State of the project				
S. No.	State	District	Tehsil	Village
(1.)	Tamil Nadu	Viluppuram	Vanur	V.Parangani

The production details / project configuration is as follows :

Project configuration/product details						
S. No.	Project configuration/product details	Quantity	Unit	Other Unit	Mode of Transport/Transmission of Product	Other Mode of Transport
(1.)	Lease area	1.215	3		Road	

Raw Material Requirement is as follows :

Raw Material Requirement details								
S. No.	Item	Quantity per annum	Unit	Other Unit	Source	Mode of Transport/Transmission of Product	Other Mode of Transport	Distance of Source from Project Site(Kilometers)
(1.)	Red Earth	15704	9	Cubic meter	Quarrying	Road		0.1

DELIBERATION IN EAC

After detailed deliberations, the committee observed:- **The proposal was placed in the 132th SEAC Meeting held on 26.07.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows: 1. Government order/ Lease details: The Quarry lease was applied in the name of Tmt. A. Gunaselvi, Viluppuram District, Precise Area Communication letter was issued by the District Collector, Viluppuram District vide Rc. No. A/G&M/374/2018, dated 20.02.2019 for a period of Two years. It is a Fresh lease for**

Red Earth quarry lease over an Extent of 1.21.50ha in S.F.No. 194/2B1, 2B2, 3B & 4A at V.Parangani Village of Vanur Taluk, Viluppuram District. 2. Mining Plan/Scheme of Mining approval details: Mining plan was prepared for the period of Two year. The Mining Plan was got approval from the Assistant Director, Department of Geology and Mining, Viluppuram District vide Rc. No. A/G&M/374/2018, dated 04.03.2019. 3. The Project is proposed to quarry Red Earth about 15,704m³ for Two years days by open cast semi mechanized method (Without drilling & blasting) 4. The quarry operation is proposed upto a depth of 2.0m below the ground level. 5. Red Earth are to be transported by Tipper4 Nos. (10 T Capacity) 6. The project is locate at 12°02'27.15"N to 12°02'31.34"N latitude and 79°41'27.80"E to 79°41'36.23"E Longitude. 7. The total Manpower requirement is 12 Nos. 8. Total cost of the projects is Rs. 11,13,020/- and EMP cost about Rs. 1,94,000/- 9. The Water table is found to be at the depth of 22m below the ground level. 10. Lease applied area is not covered under HACA region. 11. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area. 12. No Interstate boundary & Western Ghats Boundary within the radius of 10km from the lease area. 13. No National Park & Wild Life Sanctuary within the radius of 10km from the lease area. 14. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km. 15. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km. 16. No habitation within the radius of the 300m from the lease area and the nearest habitation is located at a distance of 1.3km on the North Eastern side of the lease area. 17. Letter obtained from the Assistant Director, Department of Geology and Mining, Viluppuram vide Letter R.C. No. A/G&M/374/2018, dated 28.06.2019 about the details of the quarries (Proposed / Existing / Abandoned quarries) within a radius of 500m from the boundary of the proposed quarry site as follows. S. No. Name of the quarry owner Village S. F. No. Extent in ha. a. Existing Quarries 1. R. Vignesh, S/o. Ramraj, 50, Simon Street, Muthailpet, Puducherry V. Parangani 190/2, 191/5 3.24.0 b. Abandoned / Expired Quarries (C) 2. NIL c. Proposed Quarries 3. Tmt. A. Gunaselvi W/o. Ayyanar, V.Nerkunam& Post, VikkravandiTaluk, Viluppuramâ€ 605 501 V. Parangani 194/2B1, 2B2, 3B & 4A 1.21.5 Grand Total (A + B + C) 4.45.5

RECOMMENDATIONS OF EAC

The committee's recommendation: The SEAC noted the following: 1. The Proponent, Tmt. A. Gunaselvi has applied for Environmental Clearance to SEIAA-TN for the Proposed for Red Earth quarry lease over an Extent of 1.21.50ha in S.F.No. 194/2B1, 2B2, 3B & 4A at V.Parangani Village of Vanur Taluk, Viluppuram District the state of Tamil Nadu. 2. The project/activity is covered under Category â€B2â€ of Item 1(a) â€Mining of Mineral Projectsâ€ of the Schedule to the EIA Notification, 2006. During the presentation, the proponent has informed that the proposal is for mining of gravel, but the mining plan is approved for red earth by the AD/DD mines. Hence, the SEAC decided to obtain the clarification from AD/DD of Mines to clarify whether the mineable mineral is red earth or gravel. After receipt of the above details the proposal will be considered for appraisal by SEAC.

Conclusion

Deferred

Member Secretary Condition	
Specific Condition	
S.No	Condition
(1)	The SEAC noted the following: 1. The Proponent, Tmt. A. Gunaselvi has applied for Environmental Clearance to SEIAA-TN for the Proposed for Red Earth quarry lease over an Extent of 1.21.50ha in

	S.F.No. 194/2B1, 2B2, 3B & 4A at V.Parangani Village of Vanur Taluk, Viluppuram District the state of Tamil Nadu. 2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
(2)	During the presentation, the proponent has informed that the proposal is for mining of gravel, but the mining plan is approved for red earth by the AD/DD mines. Hence, the SEAC decided to obtain the clarification from AD/DD of Mines to clarify whether the mineable mineral is red earth or gravel. After receipt of the above details the proposal will be considered for appraisal by SEAC.

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Committee in its ----- th meeting held during ----- to ----- . After detailed deliberation the committee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee and hereby decided to grant Environmental Clearance for the proposed ----- (Project Name), located at ----- .

Date :- **23 Sep 2019**

(1.) Proposal No. :- **SIA/TN/MIN/38549/2019** File No- **SW/109812**

Type- **EC**

INTRODUCTION

The proponent made online application vide proposal no. **SIA/TN/MIN/38549/2019** dated **03 Jul 2019** along with copies of EIA/EMP seeking environment clearance under the provisions of the EIA Notification, 2006 for the above mentioned project. The proposed project activity is listed at SL.No. ,**1(a) Mining of minerals** , under Category "**B2** " of EIA Notification 2006 and the proposal is appraised at Central level.

The **S. Sankar, Savudu quarry, 1.10.5 ha of Consent Patta Land in S.F. Nos. 334/1A2 & 339/1 of Chittarkottai Village, Ramanathapuram Taluk and District, TN** of M/s **ABM ENVIRO TECH PRIVATE LTD** located in Village State **Tamil Nadu** was initially received in the Ministry on **27 May 2019** for obtaining Terms of Reference (ToR) as per EIA Notification, 2006. The Project was appraised by the Expert Appraisal Committee (Non-Coal Mining) [EAC] during its **NA** th/nd/rd meeting held between **30 May 2019** to **26 Jun 2019** and prescribed ToRs to the project for undertaking detailed EIA study for obtaining Environmental Clearance. Accordingly, the Ministry of Environment, Forest and Climate Change had prescribed ToRs to the project on **27 May 2019**

PROJECT DETAILS

The project of M/s **ABM ENVIRO TECH PRIVATE LTD** located in as follows :

State of the project				
S. No.	State	District	Tehsil	Village
(1.)	Tamil Nadu	Ramanathapuram	Ramanathapuram	Chittarkottai

The production details / project configuration is as follows :

Project configuration/product details

S. No.	Project configuration/product details	Quantity	Unit	Other Unit	Mode of Transport/Transmission of Product	Other Mode of Transport
(1.)	Savudu	7972	9	cubic meter (6 months)	Road	

Raw Material Requirement is as follows :

Raw Material Requirement details								
S. No.	Item	Quantity per annum	Unit	Other Unit	Source	Mode of Transport/Transmission of Product	Other Mode of Transport	Distance of Source from Project Site(Kilometers)
(1.)	No raw material will be required	0	9	NA	NA	Road		0

DELIBERATION IN EAC

After detailed deliberations, the committee observed:- **The proposal was placed in this 132nd SEAC Meeting held on 25.07.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows: 1. Government order/Lease details : The District Collector, Ramanathapuram in his precise area communication letter reference Roc No.:1046/G&M.2/2016 dated 16.02.2017 has directed the applicant to get approved mining plan and Environment Clearance from SEIAA, Tamil Nadu before grant of quarry lease for Savudu from S.Sankar over an extent of 1.10.5 hectares of Consent Patta Land in S.F. Nos. 334/1A2 & 339/1 of Chittarkottai Village, Ramanathapuram Taluk and District, Tamil Nadu for a period of 6 Month. 2. Mining Plan/Scheme of Mining approval details: Mining Plan approved by Assistant Director of Geology and Mining, Ramanathapuram vide. Roc No.:1046/G&M.2/2016, Dated 18.04.2017 for a period of 6 month. The following are the production and developmental works to be carried out for 6 months as given in the table below, Year Over Burden (m3) Geological Resources (m3) Mineable Reserves (m3) Sub grade ore / mineral Mineral Rejects Ore to overburden ratio 6 Month Nil 11,050 7,972 0.00 0.00 1: 0 Total production for 6 months 7,972 m3 to a depth of 1.0m 3. As per the Approved Mining Plan Production shall not exceed 7,972m3(6month) 4. The product itself a part of overburden and therefore no overburden or top soil shall be removed from this area. 5. Savudu quarry operation involves in machinery method for loading and transport by JCB excavator and tipper /Tractor combination. As the Savudu is loose fine grained material it does not require any drilling. 6. Mini Hydraulic excavator of 0.25m3 bucket capacity will be used to load the earth into the tippers/ tractor. 7. Haulage of minerals will be done by trucks\tractor tippers directly carry from mining area to consumer area. 8. The area is represented by Survey of India Toposheet No. 58 K/15 and the geographical coordinates lie between Latitude 9°25'0.03"N to 9°25'10.09"N and Longitude: 78°54'38.52"E - 78°54'57.35"E. 9. Nearest water bodies are Temple Pond at a distance of 1.06 km on South and Vaigai River at a distance of 3.35km on South West. Bay of Bengal is located at a distance of 1.49km on Eastern side. No quarries are found within 500m radius. The nearest wildlife sanctuaries are as follows i. Alangulam Bird Sanctuary 7.73km South ii. Therthangal Bird Sanctuary 17.20km**

North East iii. Melselvanur – Keelselvanur Bird Sanctuary – 45.33km – West.

RECOMMENDATIONS OF EAC

The committee's recommendation: **The SEAC noted the following: 1. The Proponent, Thiru S. Sankar has applied for Environmental Clearance to SEIAA-TN for the Proposed for Savudu quarry over an extent of 1.10.5 hectares of Consent Patta Land in S.F. Nos. 334/1A2 & 339/1 of Chittarkottai Village, Ramanathapuram Taluk and District, Tamil Nadu. 2. The project/activity is covered under Category –B2 of Item 1(a) –Mining of Mineral Projects of the Schedule to the EIA Notification, 2006. After the detailed presentation and perusal of the details furnished by the proponent, the SEAC decided to direct the proponent to furnish the following details. 1. Alangulam Bird Sanctuary is located at a distance of 7.73km from Southern direction from the project side. Hence, the project proponent has to submit the acknowledgment slip for the application submitted for NBWL clearance. 2. The mining lease applied area are in two patches with a distance of 420 meters as per the plate No. IA. Hence, it is requested to furnish the feasibility of the mining in the two patches of the mining lease. Since the two mining areas are separated from a distance of 420 m. Further, it is requested to furnish the details of the land details, activity, etc in between the two mining patches. 3. The mining lease area is located at a distance of 1.49 km from the Bay of Bengal. Hence, the mineral composition of the savudu should be analysis and furnished. 4. Village map and –A Register 5. Lithology details of the project site 6. Details of the water bodies located nearby project site. 7. The detailed mitigation measures to avoid the impact of mining on nearby habitation. 8. The Project Proponent shall obtain details from AD/DD mines about the details of the quarries (Proposed / Existing / Abandoned quarries) within a radius of 500m from the boundary of the proposed quarry site in the following format before placing the subject to SEIAA. 9. PWD letter dated 17.10.2016 addressed to District collector, Ramanathapuram has informed that Mohamed Sathak Engineering College has analyzed and informed that the savudu material should not be used for construction purpose. Hence, the project proponent is requested to submit the details for the utilization of the savudu.**

Conclusion

Deferred

Member Secretary Condition	
Specific Condition	
S.No	Condition
(1)	After the detailed presentation and perusal of the details furnished by the proponent, the SEAC decided to direct the proponent to furnish the following details. 1. Alangulam Bird Sanctuary is located at a distance of 7.73km from Southern direction from the project side. Hence, the project proponent has to submit the acknowledgment slip for the application submitted for NBWL clearance. 2. The mining lease applied area are in two patches with a distance of 420 meters as per the plate No. IA. Hence, it is requested to furnish the feasibility of the mining in the two patches of the mining lease. Since the two mining areas are separated from a distance of 420 m. Further, it is requested to furnish the details of the land details, activity, etc in between the two mining patches.
(2)	The SEAC noted the following: 1. The Proponent, Thiru S. Sankar has applied for Environmental Clearance to SEIAA-TN for the Proposed for Savudu quarry over an extent of 1.10.5 hectares of Consent Patta Land in S.F. Nos. 334/1A2 & 339/1 of Chittarkottai Village, Ramanathapuram Taluk

	and District, Tamil Nadu. 2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
(3)	3. The mining lease area is located at a distance of 1.49 km from the Bay of Bengal. Hence, the mineral composition of the savudu should be analysis and furnished. 4. Village map and "A" Register 5. Lithology details of the project site 6. Details of the water bodies located nearby project site.
(4)	3. 3. The mining lease area is located at a distance of 1.49 km from the Bay of Bengal. Hence, the mineral composition of the savudu should be analysis and furnished. 4. Village map and "A" Register 5. Lithology details of the project site 6. Details of the water bodies located nearby project site.

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Committee in its ----- th meeting held during ----- to ----- . After detailed deliberation the committee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee and hereby decided to grant Environmental Clearance for the proposed ----- (Project Name), located at ----- .

Date :- **23 Sep 2019**

(1.) Proposal No. :- **SIA/TN/MIN/38640/2019** File No- **SW110000/2019**

Type- **EC**

INTRODUCTION

The proponent made online application vide proposal no. **SIA/TN/MIN/38640/2019** dated **10 Jul 2019** along with copies of EIA/EMP seeking environment clearance under the provisions of the EIA Notification, 2006 for the above mentioned project. The proposed project activity is listed at SL.No. ,**1(a) Mining of minerals** , under Category "**B2** " of EIA Notification 2006 and the proposal is appraised at Central level.

The **C.Venkatraman, Savudu quarry for the purpose of de silting over an extent of 3.16.0 ha of PWD Tank land in S.F. No. 250/2 of Vichoor Village, Uttiramerur Taluk and Kancheepuram District, TN** of M/s **ABM ENVIRO TECH PRIVATE LTD** located in Village State **Tamil Nadu** was initially received in the Ministry on **13 May 2019** for obtaining Terms of Reference (ToR) as per EIA Notification, 2006. The Project was appraised by the Expert Appraisal Committee (Non-Coal Mining) [EAC] during its **NA** th/nd/rd meeting held between **17 Jun 2019** to **24 Jun 2019** and prescribed ToRs to the project for undertaking detailed EIA study for obtaining Environmental Clearance. Accordingly, the Ministry of Environment, Forest and Climate Change had prescribed ToRs to the project on **13 May 2019**

PROJECT DETAILS

The project of M/s **ABM ENVIRO TECH PRIVATE LTD** located in as follows :

State of the project				
S. No.	State	District	Tehsil	Village
(1.)	Tamil Nadu	Kanchipuram	Uthiramerur	Vichoor

The production details / project configuration is as follows :

Project configuration/product details						
S. No.	Project configuration/product details	Quantity	Unit	Other Unit	Mode of Transport/Transmission of Product	Other Mode of Transport
(1.)	Savudu	28440	9	cu.m for 70 days	Road	

Raw Material Requirement is as follows :

Raw Material Requirement details								
S. No.	Item	Quantity per annum	Unit	Other Unit	Source	Mode of Transport/Transmission of Product	Other Mode of Transport	Distance of Source from Project Site(Kilometers)
(1.)	mining project no raw material required	0	1		NA	Road		0

DELIBERATION IN EAC

After detailed deliberations, the committee observed:- **The proposal was placed in the 132th SEAC Meeting held on 25.06.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows: 1. Government order/Lease details: The District Collector, Kancheepuram directed the proponent, vide letter No.544/Q3/2018 dated 06.06.2019 to get approved Mining Plan and Environment Clearance from the concerned authority for grant of quarry lease for a period of 70 days for Savudu for the purpose of de silting over an extent of 3.16.0 hectares of PWD Tank land in S.F. No. 250/2 of Vichoor Village, Uttiramerur Taluk and Kancheepuram District, Tamil Nadu. The quarry operation is proposed up to a depth of 0.9m below ground level. The mineable reserve is 30,000 Cum and the total quantity permitted to be exploited is 28,440m³ in 70 days. Out of 3.16.0 Ha, mining area will be the whole area since it is a PWD tank desilting and there is no Green belt development. 2. Mining Plan/Scheme of Mining approval details: Mining Plan approved by Assistant Director of Geology and Mining, Kancheepuram vide. Rc No.:544/Q3/2018 dated 26.06.2019 for a period of 70 days. The following are the production and developmental works to be carried out for 70 days as given in the table below, Year/ Month Over Burden (m³) ROM (m³) Saleable ore / mineral (m³) Sub grade ore / mineral Mineral Rejects Ore to overburden ratio 70 days Nil 28,440 28,440 0.00 0.00 1: 0 Total production for 70 days: 28,440 M³ up to a depth of 0.90m 200m x 158m x 0.9m = 28,440m³ 3. As per the Approved Mining Plan Production shall not exceed 28,440 M³ (or) 5000 lorry loads(70 days) 4. The product itself a part of overburden and therefore no overburden or top soil shall be removed from this area. 5. Earth (Savudu) quarry operation involves in machinery method for loading and transport by Mini Hydraulic excavator of 0.25m³ bucket capacity and tipper /Tractor combination. 6.**

Haulage of minerals will be done by trucks\tractor tippers directly carry from mining area to consumer area. 3. Environmental Settings The area is represented by Survey of India Topo sheet No. 57 P/14 and the geographical coordinates lies between Latitude: 12° 42' 29.32" N - 12° 42' 35.17" N and Longitude: 79° 54' 36.67" E - 79° 54' 44.01" E. Nearest village is Mambakkam at a distance of 180m on North with Population of 627. Nearest Town is Chengalpettu at a distance of 8km on South East. Nearest Airport is Chennai at 42.9km on NE and Nearest Railway station is Reddypalayam at distance of 4.99km on East. Nearest Roadways are follows: i. NH-45, Chengelpet to Guduvancherry -6Km -South East ii. SH58 State Highway Chengelpet to Kancheepuram - 4.57Km - NW iii. Mayur to Penaiyur Road 366m - North iv. Village Road 30m - West Nearest water bodies are Kolavai Lake on Eastern side at 7Km and Palar River at 3km on North East. Tamil Nadu- Andhra Interstate Boundary is located at a distance of 60km on North. Bay of Bengal is located at a distance of 34.59km on Eastern side.. The nearest wildlife sanctuary is Vandalur Zoo Park at a distance of 26km on NE. Paranur R.F is located at 6.1km on North Eastern side. The quarry lease area falls under Zone-II, Low damage risk zone (MSK VII) as per BMTPC, Vulnerability atlas Seismic zone of India IS: 1893-2002 and does not attract the general conditions as per EIA Notification, 2006. It does not fall under notified HACA villages

RECOMMENDATIONS OF EAC

The committee's recommendation: The SEAC noted the following: 1. The Proponent, Thiru C. Venkatraman has applied for Environmental Clearance to SEIAA-TN for the proposed Savudu quarry over an extent of 3.16.0 hectares of PWD Tank in S.F. No. 250/2 of Vichoor Village, Uttiramerur Taluk and Kancheepuram District, Tamil Nadu. 2. The project/activity is covered under Category B2 of Item 1(a) Mining of Mineral Projects of the Schedule to the EIA Notification, 2006. The project proponent gave presentation about the proposal. It was observed that the portion of the tank was already de-silted .Hence the proponent is requested to obtain the following details from the District Collector, Kancheepuram that a) What was the period of the operation and stoppage of the de-silting work carried out in the lease approved area If any?. If it so, it is requested to furnish the details along with name of the Government scheme. b) Quantity of minerals already mined out in the lease approved area. c) Depth of mining already mined out in the lease approved area d) Name of the person already mined in that leases area . e) The detail of present Legal issues/ pending legal issues regarding the de-silting/mining in the aforesaid PWD Tank, if any . f).The Project Proponent shall obtain details from AD/DD mines about the details of the quarries (Proposed / Existing / Abandoned quarries) within a radius of 500 m from the boundary of the proposed quarry site with the extent of the each quarry as follows. S. No. Name of the quarry owner Village S. F. No. Extent in ha. a. Existing Quarries b. Abandoned / Expired Quarries c. Proposed Quarries

Conclusion

Deferred

Member Secretary Condition

Specific Condition

S.No	Condition
(1)	The project proponent gave presentation about the proposal. It was observed that the portion of the tank was already de-silted .Hence the proponent is requested to obtain the following details from the District Collector, Kancheepuram that a) What was the period of the operation and stoppage of the de-silting work carried out in the lease approved area If any?. If it so, it is requested to furnish the details

	along with name of the Government scheme. b) Quantity of minerals already mined out in the lease approved area. c) Depth of mining already mined out in the lease approved area d) Name of the person already mined in that leases area . e) The detail of present Legal issues/ pending legal issues regarding the de-silting/mining in the aforesaid PWD Tank, if any .
(2)	The SEAC noted the following: 1. The Proponent, Thiru C. Venkatraman has applied for Environmental Clearance to SEIAA-TN for the proposed Savudu quarry over an extent of 3.16.0 hectares of PWD Tank in S.F. No. 250/2 of Vichoor Village, Uttiramerur Taluk and Kancheepuram District, Tamil Nadu. 2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
(3)	f).The Project Proponent shall obtain details from AD/DD mines about the details of the quarries (Proposed / Existing / Abandoned quarries) within a radius of 500 m from the boundary of the proposed quarry site with the extent of the each quarry as follows. S. No. Name of the quarry owner Village S. F. No. Extent in ha. a. Existing Quarries b. Abandoned / Expired Quarries c. Proposed Quarries On receipt of the above details, SEAC will decide the further course of action on the proposal.

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Committee in its ----- th meeting held during ----- to ----- . After detailed deliberation the committee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee and hereby decided to grant Environmental Clearance for the proposed ----- (Project Name), located at ----- .

Date :- **23 Sep 2019**

(1.) Proposal No. :- **SIA/TN/MIN/38689/2019** File No- **0100**

Type- **EC**

INTRODUCTION

The proponent made online application vide proposal no. **SIA/TN/MIN/38689/2019** dated **05 Jul 2019** along with copies of EIA/EMP seeking environment clearance under the provisions of the EIA Notification, 2006 for the above mentioned project. The proposed project activity is listed at SL.No. ,**1(a) Mining of minerals** , under Category "**B2** " of EIA Notification 2006 and the proposal is appraised at Central level.

The **R. Elanchezhian, Rough stone quarry from over an Extent of 1.00.0Ha in S.F.No. 1/1 (Part-1) at Olagalapadi Village, Thandrapattu Taluk, Tiruvannamalai District** of M/s **GEO EXPLORATION MINING** located in Village State **Tamil Nadu** was initially received in the Ministry on **05 Jul 2019** for obtaining Terms of Reference (ToR) as per EIA Notification,2006. The Project was appraised by the Expert Appraisal Committee (Non-Coal Mining) [EAC] during its **0100** th/nd/rd meeting held between **05 Jul 2019** to **05 Jul 2019** and prescribed ToRs to the project for undertaking detailed EIA study for obtaining Environmental Clearance. Accordingly, the Ministry of Environment, Forest and Climate Change had prescribed ToRs to the project on **05 Jul 2019**

PROJECT DETAILS

The project of M/s **GEO EXPLORATION MINING** located in as follows :

State of the project				
S. No.	State	District	Tehsil	Village
(1.)	Tamil Nadu	Tiruvannamalai	Tiruvannamalai	Olagalapadi

The production details / project configuration is as follows :

Project configuration/product details						
S. No.	Project configuration/product details	Quantity	Unit	Other Unit	Mode of Transport/Transmission of Product	Other Mode of Transport
(1.)	Lease area	1.000	3		Road	

Raw Material Requirement is as follows :

Raw Material Requirement details								
S. No.	Item	Quantity per annum	Unit	Other Unit	Source	Mode of Transport/Transmission of Product	Other Mode of Transport	Distance of Source from Project Site(Kilometers)
(1.)	Rough Stone	31320	9	Cubic meter	Quarrying	Road		1

DELIBERATION IN EAC

After detailed deliberations, the committee observed:- **The proposal was placed in the 132th SEAC Meeting held on 26.07.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:** 1. **Government Order / Lease details:** The Quarry lease was applied in the name of Thiru. P. Elanchezhian ,Tiruvannamalai, Precise Area Communication was issued by the District Collector, Tiruvannamalai vide RC.No. 32/Mines/2019, Dated: 16.05.2019 for a period of 5 years. It is a fresh lease for Rough stone quarry lease over an extent of 1.00.0Ha in S.F.No. 1/1 (Part-2) at Olagalapadi Village, Thandampattu Taluk, Tiruvannamalai District. 2. **Mining Plan / Scheme of Mining approved details:** The Mining plan was prepared for the period of 5 years. The mining plan was got approval from the Assistant Director, Department of Geology and Mining, Tiruvannamalai District vide Rc.No. 32/Kanimam/2019, Dated: 18.06.2019. 3. As per the Department of Geology and Mining, Tiruvannamalai District. Mining Plan approval for the 5 years, the production schedule for 5 years states that the total quantity of Rough stone should not exceed 1,56,600m³ and Topsoil should not exceed 2,856m³ For First year - 31,400m³ of Rough stone and 2856m³ of Topsoil For Second year - 31,350m³ of Rough stone For Third year - 31,350m³ of Rough stone For Fourth year - 30,000m³ of Rough stone Fifth year - 32,500m³ of Rough stone 4. The quarry operation is proposed upto a depth of 41m (1m topsoil + 21m above ground Level + 20m below ground level Rough stone). 5. The Quarry operation is proposed to carry out with open cast mechanized mining with 5.0m vertical bench and width using Excavator, jackhammer drilling and blasting (with 25mm dia holes). 6. Rough stone and Gravel are to

be transported by Tippers of 2 Nos. (20 T Capacity). 7. The quantity of Topsoil is about 2,856m³ and Topsoil will be preserved all along the boundary barriers to facilitate the Green belt development. 8. The project is located at 12°08'56.15"N to 12°09'00.63"N latitude and 78°54'32.86"E to 78°54'37.92"E Longitude. 9. The total Manpower requirement is 18 Nos. 10. Total cost of the projects is Rs. 52,95,400/- and EMP cost about Rs. 3,80,000/- 11. The Water table is found to be at the depth of 55m in summer and 50m in rainy season. 12. Lease applied area is not covered under HACA region. 13. No Coastal Regulation Zone (CRZ) within the radius of 10km. 14. No Interstate boundary & Western Ghats Boundary within the radius of 10km. 15. No National Park & Wild Life Sanctuary within the radius of 10km. 16. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km. 17. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km. 18. No habitation within the radius of the 300m from the lease area and the nearest habitation is located at 320m on Southern side of the lease area. 19. Letter obtained from the Assistant Director, Department of Geology and Mining, Tiruvannamalai vide Letter Rc. No. 32/Kanimam/2019, Dated: 02.07.2019 about the details of the quarries (Proposed / Existing / Abandoned quarries) within a radius of 500m from the boundary of the proposed quarry site as follows, S. No. Name of the quarry owner Village S. F. No. Extent in ha. a. Existing Quarries 1. NIL b. Abandoned / Expired Quarries 2. NIL c. Proposed Quarries 3. Thiru. P. Elanchezhian S/o. Ramachandiran, No. 712, PajanaiKovil street, Desurapalayam village, Thanadaramapattu Taluk, Tiruvannamalai District Olagalapadi 1/1 (Part-2) 1.00.0 Total Extent 1.00.0

RECOMMENDATIONS OF EAC

The committee's recommendation: The SEAC noted the following: 1. The Proponent, Thiru. R. Elanchezhian has applied for Environmental Clearance to SEIAA-TN for the Proposed Rough stone for over an extent of 1.00.0Ha in S.F.No.1/1 (Part-2) at Olagalapadi Village, Thandrapattu Taluk, Tiruvannamalai District, Tamil Nadu. 2. The project/activity is covered under Category 'B2' of Item 1(a) 'Mining of Mineral Projects' of the Schedule to the EIA Notification, 2006. After perusal of the details, the SEAC decided to recommend the proposal to SEIAA for issue of Environmental Clearance stipulated the following specific conditions in addition to the normal conditions: 1. A letter /certificate shall be obtained from the Assistant Director of Geology and Mining stating that there is no other Minerals/resources like sand in the quarrying area within the approved depth of mining and the same shall be furnished before applying CTO from TNPCB. 2. All the conditions imposed by the DFO, Tiruvannamalai District in his letter dated 12.10.2017 should be strictly followed. 3. Ground water quality monitoring should be conducted every month and the report should be submitted to TNPCB. 4. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road. Suitable protection measures need to be undertaken. 5. Floor of excavated pit to be levelled and sides to be sloped gently in the mine closure phase. 6. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable. 7. Prior clearance from Forestry & Wild Life angle including clearance from obtaining committee of the National Board for Wild life as applicable shall be obtained before starting the quarrying operation, if the project site is located within 10km from National Park and Sanctuaries. 8. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities. 9. The recommendation for the issue of environmental clearance is subjected to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016(M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016(M.A.No.758/2016,M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017). 10. The entire mining operation should be as per the guidelines for sustainable sand

mining issued in 2016 by the MoEF & CC, GOI, New Delhi. 11. To ensure safety along the boundary of the quarry site, security guards are to be posted during the entire period of mining operation. 12. To prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration. 13. CER proposal of Rs. 1.13 lakhs should be spent for developing Solar light facilities for Government Middle School & Ground maintenance, Olagalapadi village as per Office Memorandum of MoEF & CC dated 01.05.2018 as reported. The about amount should be spent before applying for CTO from TNPCB.

Conclusion

Recommended

Member Secretary Condition

Specific Condition

S.No	Condition
(1)	The SEAC noted the following: 1. The Proponent, Thiru. R. Elanchezhian has applied for Environmental Clearance to SEIAA-TN for the Proposed Rough stone for over an extent of 1.00.0Ha in S.F.No.1/1 (Part-2) at Olagalapadi Village, Thandrapattu Taluk, Tiruvannamalai District, Tamil Nadu. 2. The project/activity is covered under Category "B" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006. After perusal of the details, the SEAC decided to recommend the proposal to SEIAA for issue of Environmental Clearance stipulated the following specific conditions in addition to the normal conditions:
(2)	3. Ground water quality monitoring should be conducted every month and the report should be submitted to TNPCB. 4. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road. Suitable protection measures need to be undertaken. 5. Floor of excavated pit to be levelled and sides to be sloped gently in the mine closure phase. 6. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable.
(3)	9. The recommendation for the issue of environmental clearance is subjected to the outcome of the Hon ^{ble} NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016(M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016(M.A.No.758/2016,M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).
(4)	10. The entire mining operation should be as per the guidelines for sustainable sand mining issued in 2016 by the MoEF & CC, GOI, New Delhi. 11. To ensure safety along the boundary of the quarry site, security guards are to be posted during the entire period of mining operation. 12. To prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration. 13. CER proposal of Rs. 1.13 lakhs should be spent for developing Solar light facilities for Government Middle School & Ground maintenance, Olagalapadi village as per Office Memorandum of MoEF & CC dated 01.05.2018 as reported. The about amount should be spent before applying for CTO from TNPCB.
(5)	7. Prior clearance from Forestry & Wild Life angle including clearance from obtaining committee of the National Board for Wild life as applicable shall be obtained before starting the quarrying operation, if the project site is located within 10km from National Park and Sanctuaries. 8. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities.

- (6) 1. A letter /certificate shall be obtained from the Assistant Director of Geology and Mining standing that there is no other Minerals/resources like sand in the quarrying area within the approved depth of mining and the same shall be furnished before applying CTO from TNPCB. 2. All the conditions imposed by the DFO, Tiruvannamalai District in his letter dated 12.10.2017 should be strictly followed

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Committee in its ----- th meeting held during ----- to ----- . After detailed deliberation the committee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee and hereby decided to grant Environmental Clearance for the proposed ----- (Project Name), located at ----- .

Date :- **23 Sep 2019**

(1.) Proposal No. :- **SIA/TN/MIN/38890/2019** File No- **110499**

Type- **EC**

INTRODUCTION

The proponent made online application vide proposal no. **SIA/TN/MIN/38890/2019** dated **09 Jul 2019** along with copies of EIA/EMP seeking environment clearance under the provisions of the EIA Notification, 2006 for the above mentioned project. The proposed project activity is listed at SL.No. ,**1(a) Mining of minerals** , under Category "**B2** " of EIA Notification 2006 and the proposal is appraised at Central level.

The **P.Subramani, Category B2 project** “**Quarrying Rough Stone over an Extent of 1.00.0 Hectares in S.F.No.263/1 (Part), Government Poramboke land, Ammaiarkuppam Village, Pallipattu Taluk, Tiruvallur Distr** of M/s **ABM ENVIRO TECH PRIVATE LTD** located in Village State **Tamil Nadu** was initially received in the Ministry on **05 Jun 2019** for obtaining Terms of Reference (ToR) as per EIA Notification,2006. The Project was appraised by the Expert Appraisal Committee (Non-Coal Mining) [EAC] during its **NA** th/nd/rd meeting held between **05 Jun 2019** to **25 Jun 2019** and prescribed ToRs to the project for undertaking detailed EIA study for obtaining Environmental Clearance. Accordingly, the Ministry of Environment, Forest and Climate Change had prescribed ToRs to the project on **05 Jun 2019**

PROJECT DETAILS

The project of M/s **ABM ENVIRO TECH PRIVATE LTD** located in as follows :

State of the project				
S. No.	State	District	Tehsil	Village
(1.)	Tamil Nadu	Tiruvallur	Pallipattu	ammaiyarkuppam

The production details / project configuration is as follows :

Project configuration/product details

S. No.	Project configuration/product details	Quantity	Unit	Other Unit	Mode of Transport/Transmission of Product	Other Mode of Transport
(1.)	1.00	12369	6		Road	

Raw Material Requirement is as follows :

Raw Material Requirement details								
S. No.	Item	Quantity per annum	Unit	Other Unit	Source	Mode of Transport/Transmission of Product	Other Mode of Transport	Distance of Source from Project Site(Kilometers)
(1.)	HSD	60	4		open Market	Road		2

DELIBERATION IN EAC

After detailed deliberations, the committee observed:- **The proposal was placed in the 132th SEAC Meeting held on 26.07.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:**

- Government Order / Lease details:** The Quarry lease was applied in the name of Thiru.V.Manikandasamy, Theni, Precise Area Communication was issued by the District Collector, Theni vide Rc.No.317/Mines/2018 Dated: 07.03.2019 for a period of 11 Months. It is a fresh lease for Earth quarry over an extent of 2.56.0ha in S.F.Nos. 105/1, 105/2A, 105/2B, 105/3, 105/6, 105/7 & 105/8 at Rasingapuram Village, Bodinayakanur Taluk, Theni District.
- Mining Plan / Scheme of Mining approved details:** The Mining plan was prepared for the period of 11months. The mining plan approval was approved by the Assistant Director, Department of Geology and Mining, Theni District vide Roc.No.317/Mines/2018 Dated: 20.03.2019.
- The Project is proposed to quarry Earth about 18,378m³ for Eleven months by open cast semi mechanized method (Without drilling & blasting)**
- The quarry operation is proposed up to a depth of 1.0m below the ground level.**
- Earth are to be transported by Tipper (10/20 T Capacity)**
- The project is locate at 09°57'31.73"N to 09°57'37.00"N latitude and 77°18'54.90"E to 77°19'04.26"E Longitude.**
- The total Manpower requirement is 8 Nos.**
- Total cost of the projects is Rs. 12,48,000/- and EMP cost about Rs. 93,000/-**
- The Water table is found to be at the depth of 35m below the ground level.**
- Lease applied area is not covered under HACA region.**
- No Coastal Regulation Zone (CRZ) within the radius of 10km.**
- No Interstate boundary & Western Ghats Boundary within the radius of 10km**
- Bodinayakanur Reserve forest is located about 3km from the lease applied area and NOC obtained from the DFO, Theni District vide Letter RC. No. 10497/2018/T, dated 17.12.2018**
- No National Park & Wild Life Sanctuary within the radius of 10km, Megamalai wildlife Sanctuary and Kodaikanal Wildlife Sancturay is more than 25km from the lease applied area, NOC obtained from the DFO, Theni District.**
- No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km**
- No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km.**
- No habitation within the radius of the 300m from the lease area.**
- Letter obtained from the Assistant Geologist / Assistant Director (i/c), Department of Geology and Mining, Theni vide Letter RC.**

No. 317/Mines/2018, dated 20.03.2019 about the details of the quarries (Proposed / Existing / Abandoned quarries) within a radius of 500m from the boundary of the proposed quarry site as follows.
S. No. Name of the quarry owner Village S. F. No. Extent in ha. d. Existing Quarries NIL e. Abandoned / Expired Quarries NIL f. Proposed Quarries 2. Thiru. V. Manikandasamy Rasingapuram 105/1, 105/2A, 105/2B, 105/3, 105/6, 105/7 & 105/8 2.56.0 TOTAL EXTENT 2.56.0

RECOMMENDATIONS OF EAC

The committee's recommendation: The SEAC noted the following: 1. The Proponent, Thiru.V.Manikandasamy has applied for Environmental Clearance to SEIAA-TN for the proposed Earth quarry lease over an extent of 2.56.0ha in S.F.Nos.105/1, 105/2A, 105/2B, 105/3, 105/6, 105/7 & 105/8 at Rasingapuram Village, Bodinayakanur Taluk, Theni District, Tamil Nadu. 2. The project/activity is covered under Category 'B' of Item 1(a) 'Mining of Mineral Projects' of the Schedule to the EIA Notification, 2006. The project proponent gave presentation about the proposal. Based on the presentation made by the proponent and the documents furnished, the SEAC decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to the following condition in addition to normal condition: 1. Ground water quality monitoring should be conducted every month and the report should be submitted to TNPCB. 2. Proper barrier for reducing the Noise level shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration. 3. The operation of the quarry should no way impact the agriculture activity & water bodies near the project site. 4. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road. 5. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable. 6. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities. 7. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016,M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981 /2016, M.A.No.982/2016 & M.A.No.384/2017). 8. The entire mining operation should be as per the guidelines for sustainable sand mining issued in 2016 by the MoEF & CC, GOI, New Delhi. 9. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation. 10. All the commitment made by the project proponent in the proposal shall be strictly followed. 11. The mine closure plan submitted by the project proponent shall be strictly followed after the laps of the mine as reported. 12. The proponent shall submit the proposal for the CER as per office memorandum of MoEF&CC dated 01.05.2018 before placing the subject to SEIAA. In this regard the project proponent is requested to submit the sworn affidavit duly signed by the project proponent and authorized by the Notary public

Conclusion

Recommended

Member Secretary Condition

Specific Condition

S.No	Condition
(1)	1. The Proponent, Thiru.V.Manikandasamy has applied for Environmental Clearance to SEIAA-TN for the proposed Earth quarry lease over an extent of 2.56.0ha in S.F.Nos.105/1, 105/2A, 105/2B, 105/3, 105/6, 105/7 & 105/8 at Rasingapuram Village, Bodinayakanur Taluk, Theni District, Tamil Nadu. 2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006. The project proponent gave presentation about the proposal. Based on the presentation made by the proponent and the documents furnished, the SEAC decided to recommend the proposal for grant of Environmental Clearance to SEIAA subject to the following condition in addition to normal condition:
(2)	1. Ground water quality monitoring should be conducted every month and the report should be submitted to TNPCB. 2. Proper barrier for reducing the Noise level shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration. 3. The operation of the quarry should no way impact the agriculture activity & water bodies near the project site.
(3)	4. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road. 5. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable. 6. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities.
(4)	7. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016,M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981 /2016, M.A.No.982/2016 & M.A.No.384/2017).
(5)	11. The mine closure plan submitted by the project proponent shall be strictly followed after the laps of the mine as reported. 12. The proponent shall submit the proposal for the CER as per office memorandum of MoEF&CC dated 01.05.2018 before placing the subject to SEIAA. In this regard the project proponent is requested to submit the sworn affidavit duly signed by the project proponent and authorized by the Notary public.
(6)	8. The entire mining operation should be as per the guidelines for sustainable sand mining issued in 2016 by the MoEF & CC, GOI, New Delhi. 9. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation. 10. All the commitment made by the project proponent in the proposal shall be strictly followed.

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Committee in its ----- th meeting held during ----- to ----- . After detailed deliberation the committee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the application based on

the recommendations of the Expert Appraisal Committee and hereby decided to grant Environmental Clearance for the proposed ----- (Project Name), located at ----- .

Date :- **23 Sep 2019**

(1.) Proposal No. :- **SIA/TN/MIN/39307/2019** File No- **Not**

Type- **EC**

INTRODUCTION

The proponent made online application vide proposal no. **SIA/TN/MIN/39307/2019** dated **15 Jul 2019** along with copies of EIA/EMP seeking environment clearance under the provisions of the EIA Notification, 2006 for the above mentioned project. The proposed project activity is listed at SL.No. ,**1(a) Mining of minerals** , under Category "**B2** " of EIA Notification 2006 and the proposal is appraised at Central level.

The **Piramanur Savadu Quarry project** of M/s **PIRAMANUR SAVUDU QUARRY PROJECT OF THIRU S MURUGAN** located in Village State **Tamil Nadu** was initially received in the Ministry on **13 Jul 2019** for obtaining Terms of Reference (ToR) as per EIA Notification,2006. The Project was appraised by the Expert Appraisal Committee (Non-Coal Mining) [EAC] during its **Nil** th/nd/rd meeting held between **01 Jan 2006** to **01 Jan 2006** and prescribed ToRs to the project for undertaking detailed EIA study for obtaining Environmental Clearance. Accordingly, the Ministry of Environment, Forest and Climate Change had prescribed ToRs to the project on **13 Jul 2019**

PROJECT DETAILS

The project of M/s **PIRAMANUR SAVUDU QUARRY PROJECT OF THIRU S MURUGAN** located in as follows :

State of the project				
S. No.	State	District	Tehsil	Village
(1.)	Tamil Nadu	Sivaganga	Manamadurai	Piramanur

The production details / project configuration is as follows :

Project configuration/product details						
S. No.	Project configuration/product details	Quantity	Unit	Other Unit	Mode of Transport/Transmission of Product	Other Mode of Transport
(1.)	Savudu quarry	28948	9	M3	Road	

Raw Material Requirement is as follows :

Raw Material Requirement details								
S. No.	Item	Quantity per annum	Unit	Other Unit	Source	Mode of Transport/Transmission of Product	Other Mode of Transport	Distance of Source from Project Site(Kilometers)

(1.)	Diesel	0.013	4		Local	Road		12
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DELIBERATION IN EAC

After detailed deliberations, the committee observed:- **The proposal was placed in the 132th SEAC Meeting held on 26.07.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:**

- 1. Government order/ Lease details:** The Quarry lease was granted in the name of Thiru S. Murugan, Precise Area Communication was issued by The District Collector, vide Letter. No. M.2/130/2017, dated 17.10.2018 for a period of 12 months. It is a Fresh lease for Savudu Quarry lease over an extent of 3.74.0Ha at S.F.No. 172/6, 172/9A, 172/9B, 172/9C 172/10, 181/2, 181/3, Piramanur Village, Thiruppuvanam Taluk, Sivagangai District, Tamil Nadu.
- 2. Mining Plan/Scheme of Mining approval details:** The Mining plan was prepared for the period of 12months. The Mining Plan was approved from the Assistant Director of Geology and Mining, vide Letter. No. M.2/130/2017, dated 26.11.2018.
- 3. The production schedule is proposed an average production of 28,948 m3 for a period of one year.**
- 4. Depth of Mining :** 1.0m below ground level
- 5. The project site is located at 09° 45' 10.95" N to 09° 45' 22.06" N latitude and 78° 14 ' 53.89" E to 78° 15' 2.90" E longitude.**
- 6. As per the Mining plan, total Geological resources are 74,800 m3, total Mineable reserves are 28,948 m3.**
- 7. The total water requirement will be around 3.0kLD for drinking, domestic usage dust suppression sprinkling and Green belt development.**
- 8. The total manpower requirement is 07 Nos.**
- 9. Letter obtained from the Assistant Director, Department of Geology and Mining, Sivagangai vide Letter RoC. No. M2/130/2017 dated 01/07/2019 about the details of the quarries (Proposed / Existing / Abandoned quarries) within a radius of 500m from the boundary of the proposed quarry site as follows.**

S. No. Name of the quarry owner Village S. F. No. Extent in ha. a. Existing Quarries NIL b. Abandoned / Expired Quarries Nil c. Proposed Quarries NIL

RECOMMENDATIONS OF EAC

The committee's recommendation: **The SEAC noted the following:**

- 1. The Proponent, Thiru S. Murugan has applied for Environmental Clearance to SEIAA-TN for the Proposed Savudu Quarry lease over an extent of 3.74.0Ha at S.F.No. 172/6, 172/9A, 172/9B, 172/9C 172/10, 181/2, 181/3, Piramanur Village, Thiruppuvanam Taluk, Sivagangai District, Tamil Nadu.**
- 2. The project/activity is covered under Category 'B2' of Item 1(a) 'Mining of Mineral Projects' of the Schedule to the EIA Notification, 2006. After perusal of the details, the SEAC decided to recommend the proposal to SEIAA for issue of Environmental Clearance stipulated the following specific conditions in addition to the normal conditions:**
 - 1. A letter /certificate shall be obtained from the Assistant Director of Geology and Mining standing that there is no other Minerals/resources like sand in the quarrying area within the approved depth of mining and the same shall be furnished before applying CTO from TNPCB.**
 - 2. All the conditions imposed by the DFO, Tiruvannamalai District in his letter dated 12.10.2017 should be strictly followed.**
 - 3. Ground water quality monitoring should be conducted every month and the report should be submitted to TNPCB.**
 - 4. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road. Suitable protection measures need to be undertaken.**
 - 5. Floor of excavated pit to be levelled and sides to be sloped gently in the mine closure phase.**
 - 6. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable.**
 - 7. Prior clearance from Forestry & Wild Life angle including clearance from obtaining committee of the National Board for Wild life as applicable shall be obtained before starting the quarrying operation, if the**

project site is located within 10km from National Park and Sanctuaries. 8. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities. 9. The recommendation for the issue of environmental clearance is subjected to the outcome of the Honâ€™ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016(M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016(M.A.No.758/2016,M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017). 10. The entire mining operation should be as per the guidelines for sustainable sand mining issued in 2016 by the MoEF & CC, GOI, New Delhi. 11. To ensure safety along the boundary of the quarry site, security guards are to be posted during the entire period of mining operation. 12. To prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration. 13. CER proposal of Rs. 1.13 lakhs should be spent for developing Solar light facilities for Government Middle School & Ground maintenance, Olagalapadi village as per Office Memorandum of MoEF & CC dated 01.05.2018 as reported. The about amount should be spent before applying for CTO from TNPCB.

Conclusion

Recommended

Member Secretary Condition	
Specific Condition	
S.No	Condition
(1)	1. A letter /certificate shall be obtained from the Assistant Director of Geology and Mining standing that there is no other Minerals/resources like sand in the quarrying area within the approved depth of mining and the same shall be furnished before applying CTO from TNPCB. 2. All the conditions imposed by the DFO, Tiruvannamalai District in his letter dated 12.10.2017 should be strictly followed.
(2)	5. Floor of excavated pit to be levelled and sides to be sloped gently in the mine closure phase. 6. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable. 7. Prior clearance from Forestry & Wild Life angle including clearance from obtaining committee of the National Board for Wild life as applicable shall be obtained before starting the quarrying operation, if the project site is located within 10km from National Park and Sanctuaries
(3)	9. The recommendation for the issue of environmental clearance is subjected to the outcome of the Honâ€™ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016(M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016(M.A.No.758/2016,M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017). 7. Prior clearance from Forestry & Wild Life angle including clearance from obtaining committee of the National Board for Wild life as applicable shall be obtained before starting the quarrying operation, if the project site is located within 10km from National Park and Sanctuaries

(4)	9. The recommendation for the issue of environmental clearance is subjected to the outcome of the Honâ€™ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016(M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016(M.A.No.758/2016,M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017). 7. Prior clearance from Forestry & Wild Life angle including clearance from obtaining committee of the National Board for Wild life as applicable shall be obtained before starting the quarrying operation, if the project site is located within 10km from National Park and Sanctuaries
(5)	The SEAC noted the following: 1. The Proponent, Thiru S. Murugan has applied for Environmental Clearance to SEIAA-TN for the Proposed Savudu Quarry lease over an extent of 3.74.0Ha at S.F.No. 172/6, 172/9A, 172/9B, 172/9C 172/10, 181/2, 181/3, Piramanur Village, Thiruppuvanam Taluk, Sivagangai District, Tamil Nadu. 2. The project/activity is covered under Category â€• of Item 1(a) â€•Mining of Mineral Projectsâ€• of the Schedule to the EIA Notification, 2006. After perusal of the details, the SEAC decided to the recommended the proposal to SEIAA for issue of Environmental Clearance stipulated the following specific conditions in addition to the normal conditions:
(6)	3. Ground water quality monitoring should be conducted every month and the report should be submitted to TNPCB. 4. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road. Suitable protection measures need to be undertaken.
(7)	5. Floor of excavated pit to be levelled and sides to be sloped gently in the mine closure phase. 6. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable. 7. Prior clearance from Forestry & Wild Life angle including clearance from obtaining committee of the National Board for Wild life as applicable shall be obtained before starting the quarrying operation, if the project site is located within 10km from National Park and Sanctuaries
(8)	13. CER proposal of Rs. 1.13 lakhs should be spent for developing Solar light facilities for Government Middle School & Ground maintenance, Olagalapadi village as per Office Memorandum of MoEF & CC dated 01.05.2018 as reported. The about amount should be spent before applying for CTO from TNPCB. 7. Prior clearance from Forestry & Wild Life angle including clearance from obtaining committee of the National Board for Wild life as applicable shall be obtained before starting the quarrying operation, if the project site is located within 10km from National Park and Sanctuaries

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Committee in its ----- th meeting held during ----- to ----- . After detailed deliberation the committee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee and hereby decided to grant Environmental Clearance for the proposed ----- (Project Name), located at ----- .

Date :- **23 Sep 2019**

INTRODUCTION

The proponent made online application vide proposal no. **SIA/TN/MIN/39343/2019** dated **16 Jul 2019** along with copies of EIA/EMP seeking environment clearance under the provisions of the EIA Notification, 2006 for the above mentioned project. The proposed project activity is listed at SL.No. ,**1(a) Mining of minerals** , under Category "**B2** " of EIA Notification 2006 and the proposal is appraised at Central level.

The **Ayanallur Savadu Quarry project** of M/s **M SATHISH** located in Village State **Tamil Nadu** was initially received in the Ministry on **15 Jul 2019** for obtaining Terms of Reference (ToR) as per EIA Notification,2006. The Project was appraised by the Expert Appraisal Committee (Non-Coal Mining) [EAC] during its **Nil** th/nd/rd meeting held between **01 Jan 2006** to **01 Jan 2006** and prescribed ToRs to the project for undertaking detailed EIA study for obtaining Environmental Clearance. Accordingly, the Ministry of Environment, Forest and Climate Change had prescribed ToRs to the project on **15 Jul 2019**

PROJECT DETAILS

The project of M/s **M SATHISH** located in as follows :

State of the project				
S. No.	State	District	Tehsil	Village
(1.)	Tamil Nadu	Tiruvallur	Gummidipoondi	Ayanallur

The production details / project configuration is as follows :

Project configuration/product details						
S. No.	Project configuration/product details	Quantity	Unit	Other Unit	Mode of Transport/Transmission of Product	Other Mode of Transport
(1.)	Savudu	29997	9	M3	Road	

Raw Material Requirement is as follows :

Raw Material Requirement details								
S. No.	Item	Quantity per annum	Unit	Other Unit	Source	Mode of Transport/Transmission of Product	Other Mode of Transport	Distance of Source from Project Site(Kilometers)
(1.)	Diesel	0.1	4		Local	Road		12

DELIBERATION IN EAC

After detailed deliberations, the committee observed:- **On receipt of the above details, SEAC will**

decide the further course of action on the proposal.

RECOMMENDATIONS OF EAC

The committee's recommendation: a) What was the period of the operation and stoppage of the de-silting work carried out in the lease approved area If any?. If it so, it is requested to furnish the details along with name of the Government scheme. b) Quantity of minerals already mined out in the lease approved area. c) Depth of mining already mined out in the lease approved area d) Name of the person already mined in that leases area . e) The detail of present Legal issues/ pending legal issues regarding the de-silting/mining in the aforesaid PWD Tank, if any . f).The Project Proponent shall obtain details from AD/DD mines about the details of the quarries (Proposed / Existing / Abandoned quarries) within a radius of 500 m from the boundary of the proposed quarry site with the extent of the each quarry as follows. S. No. Name of the quarry owner Village S. F. No. Extent in ha. a. Existing Quarries b. Abandoned / Expired Quarries c. Proposed Quarries

Conclusion

Deferred

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Committee in its ----- th meeting held during ----- to ----- . After detailed deliberation the committee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee and hereby decided to grant Environmental Clearance for the proposed ----- (Project Name), located at ----- .

(1.) Proposal No. :- **SIA/TN/MIN/33602/2019** File No- **6843**

Type- **TOR**

INTRODUCTION

This has reference to your online application vide proposal no. **SIA/TN/MIN/33602/2019** dated **25 Mar 2019** along with the copies of EIA/EMP seeking Environment Clearance under the provisions of the EIA Notification, 2006 for the above mentioned proposed project. The proposed project activity is listed at S.No **,1(a) Mining of minerals** under Category **B** of EIA Notification, 2006 and the proposal is appraised at Central level.

PROJECT DETAILS

The project of M/s **TANCEM ARIYALUR UNIT** located in as follows :

State of the project

S. No.	State	District	Tehsil
(1.)	Tamil Nadu	Ariyalur	Ariyalur

Town/Village : **Periyanagalur**

The salient features of the project submitted by the project proponent is available at [Report](#) under online proposal no. **SIA/TN/MIN/33602/2019**

DELIBERATION IN EAC

After detailed deliberations, the committee observed:- **The proposal was placed in this 132nd SEAC Meeting held on 25.07.2019. The project proponent gave detailed presentation. The salient features of the project as presented by the proponent are as follows:**

- 1. Government order/ Lease details:** The Quarry lease was applied in the name of M/s. Tamil Nadu Cements Corporation Limited, Precise Area Communication letter was issued by the Additional Chief Secretary to Government vide Lr.No.6983/MMC.2/2018-1, Dated: 29.06.2018 for a period of 10 years. It is a Fresh lease for Lime Kankar over an extent of 2.18.5ha comprising S.F.Nos.298/1(P), 299/1A, 1D, 2C, 3A, 10A, 11, 12, 13, 14A, 15 & 16 of Periyanagalur village, Ariyalur Taluk and Ariyalur District, Tamil Nadu.
- 2. Mining Plan/Scheme of Mining approval details:** Mining plan was prepared for the period of Five years. The Mining Plan has got the approval from the Joint Director of Geology and Mining, vide Lr.No.3128/MM10/2018/LK/ARY, dated 27.02.2019.
- 3. The production schedule for 5 years states that the total quantity of Lime kankar to be mined should not exceed 38596 Tones and the depth of quarrying may be restricted to 2m.**
- 4. Quarrying operation will be done by Opencast Mechanized method with Excavator, jackhammer, no drilling and blasting.**
- 5. Lime Kankar are to be transported by Tippers of 2 Nos. (10/20 T Capacity).**
- 6. Depth of water table 10m to 15m**
- 7. Muniyanar Eri is situated at a distance of 300 m from proposed site.**
- 8. There are 2 tiled houses and thatched houses are located in the nearby S.F.No.299/2B, 4B, 21. The SEAC noted the following:**

- 1. The Proponent, M/s. Tamil Nadu Cements Corporation Limited has applied for Terms of Reference to SEIAA-TN for the Proposed Lime Kankar over an extent of 2.18.5ha comprising S.F.Nos.298/1 (P), 299/1A, 1D, 2C, 3A, 10A, 11, 12, 13, 14A, 15 & 16 of Periyanagalur village, Ariyalur Taluk and Ariyalur District, Tamil Nadu.**
- 2. The project/activity is covered under Category 'B' of Item 1(a) 'Mining of Mineral Projects' of the Schedule to the EIA Notification, 2006.**

RECOMMENDATIONS OF EAC

The committee's recommendation **Based on the presentation made by the proponent and the documents furnished, the SEAC decided to recommend the proposal for the grant of Terms of Reference (ToR) to SEIAA with Public Hearing, subject to the following specific conditions in addition to the normal conditions as**

part of ToR: 1. A detailed study of the lithology of the mining lease area shall be furnished. 2. Details of village map, " register and FMB sketch shall be furnished. 3. The proposal for green belt activities shall be furnished. 4. The Socio economic studies should be carried out within 10km buffer zone from the mines. 5. Detailed mining closure plan for the proposed project approved by the Geology of Mining department shall be shall be submitted along with EIA report. 6. The spot level and contour level of the proposed quarry site shall be studied and the same shall be furnished to along with EIA. 7. A detailed report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining for drilling and blasting shall be submitted. 8. The proposal for CER shall be furnished with time frame as per Office Memorandum of MoEF & CC dated 01.05.2018. 9. Obtain a letter /certificate from the Assistant Director of Geology and Mining standing that there is no other Minerals/resources like sand in the quarrying area within the approved depth of mining and below depth of mining and the same shall be furnished in the EIA report. 10. Ground water quality monitoring should be conducted for every month and the report shall furnish in the EIA report. 11. EIA report should strictly follow the Environmental Impact Assessment Guidance Manual for Mining of Minerals published February 2010. 12. Detail plan on rehabilitation and reclamation carried out for the stabilization and restoration of the mined areas. 13. The EIA study report shall include the surrounding mining activity, if any. 14. Modelling study for Air, Water and noise shall be carried out and incremental increase in the above study shall be substantiated with mitigation measures. 15. A study on the geological resources available shall be carried out and reported. 16. A specific study on agriculture & livelihood shall be carried out and reported. 17. Impact on ponds, rivers and other water bodies to be elaborated. 18. Impact of soil erosion, soil physical chemical and biological property changes may be assumed. 19. The recommendation for the issue of Terms of Reference is subject to the final outcome of the Honâ€™ble NGT, Principal Bench, New Delhi in O.A No. 186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No.758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).

Conclusion

Rejected

Specific Condition	
S.No	Condition
(1)	1. A detailed study of the lithology of the mining lease area shall be furnished
(2)	2. Details of village map, " register and FMB sketch shall be furnished.
(3)	3. The proposal for green belt activities shall be furnished.
(4)	4. The Socio economic studies should be carried out within 10km buffer zone from the mines.

(5)	5. Detailed mining closure plan for the proposed project approved by the Geology of Mining department shall be submitted along with EIA report.
(6)	6. The spot level and contour level of the proposed quarry site shall be studied and the same shall be furnished to along with EIA.
(7)	8. The proposal for CER shall be furnished with time frame as per Office Memorandum of MoEF & CC dated 01.05.2018.
(8)	11. EIA report should strictly follow the Environmental Impact Assessment Guidance Manual for Mining of Minerals published February 2010.
(9)	12. Detail plan on rehabilitation and reclamation carried out for the stabilization and restoration of the mined areas.
(10)	14. Modelling study for Air, Water and noise shall be carried out and incremental increase in the above study shall be substantiated with mitigation measures.
(11)	15. A study on the geological resources available shall be carried out and reported.
(12)	16. A specific study on agriculture & livelihood shall be carried out and reported.
(13)	18. Impact of soil erosion, soil physical chemical and biological property changes may be assumed.
(14)	19. The recommendation for the issue of Terms of Reference is subject to the final outcome of the Honâ€™ble NGT, Principal Bench, New Delhi in O.A No. 186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No.758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).
(15)	10. Ground water quality monitoring should be conducted for every month and the report shall furnish in the EIA report.
(16)	13. The EIA study report shall include the surrounding mining activity, if any.
(17)	7. A detailed report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining for drilling and blasting shall be submitted.
(18)	9. Obtain a letter /certificate from the Assistant Director of Geology and Mining standing that there is no other Minerals/resources like sand in the quarrying area within the approved depth of mining and below depth of mining and the same shall be furnished in the EIA report.
(19)	17. Impact on ponds, rivers and other water bodies to be elaborated.

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Committee in its -----
th meeting held during ----- to ----- . After detailed deliberation the
committee recommended for grant of Environment Clearance subject to Specific and
General conditions.

The Ministry of Environment, Forest and Climate Change has considered the
application based on the recommendations of the Expert Appraisal Committee and
hereby decided to grant Environmental Clearance for the proposed -----
(Project Name), located at ----- .

(1.) Proposal No. :- **SIA/TN/MIN/33631/2019** File No- **6842**

Type- **TOR**

INTRODUCTION

This has reference to your online application vide proposal no.
SIA/TN/MIN/33631/2019 dated **25 Mar 2019** along with the copies of EIA/EMP
seeking Environment Clearance under the provisions of the EIA Notification, 2006 for
the above mentioned proposed project. The proposed project activity is listed at
S.No ,**1(a) Mining of minerals** under Category **B** of EIA Notification, 2006 and the
proposal is appraised at Central level.

PROJECT DETAILS

The project of M/s **TANCEM ARIYALUR UNIT** located in as follows :

State of the project			
S. No.	State	District	Tehsil
(1.)	Tamil Nadu	Ariyalur	Ariyalur

Town/Village : **Pudupalayam**

The salient features of the project submitted by the project proponent is
available at [Report](#) under online proposal no. **SIA/TN/MIN/33631/2019**

DELIBERATION IN EAC

After detailed deliberations, the committee observed:- **1. Government Order
/ Lease details: The Quarry lease was applied in the name of Thiru. S. Kuthub
Sultan, Tirunelveli, Precise Area Communication was issued by the District**

Collector, Thoothukudi vide R.c.No. 520 / G&M/ 2018, Dated: 17.12.2018 for a period of 5 years. It is a fresh lease for Rough stone and Gravel quarry lease over an Extent of 4.85.0 Ha in S.F.No. 788 at Ayyanaroothu Village of Kayathar Taluk, Thoothukudi District. 2. Mining Plan / Scheme of Mining approved details: The Mining plan was prepared for the period of 5 years. The mining plan was got approval from the Assistant Director, Department of Geology and Mining, Thoothukudi District vide 520 / G&M/ 2018, Dated: 17.12.2018 3. As per the Department of Geology and Mining, Thoothukudi District, the Mining Plan approval is for the 5 years, the production schedule for 5 years states that the total quantity of Rough stone should not exceed 8,42,380m³ and Topsoil with Gravel should not exceed 1,11,360m³ For First year - 159180m³ of Rough stone and 38400m³ of Topsoil with Gravel For Second year- 170800m³ of Rough stone and 19200m³ of Topsoil with Gravel For Third year- 170800m³ of Rough stone and 19200m³ of Topsoil with Gravel For Fourth year- 170800m³ of Rough stone and 19200m³ of Topsoil with Gravel For Fifth year - 170800m³ of Rough stone and 19200m³ of Topsoil with Gravel 4. The quarry operation is proposed upto a depth of 38m (3m topsoil with gravel and 35m Rough stone). 5. The Quarry operation is proposed to be carried out with open-cast semi- mechanized mining with 5.0m vertical bench width. 6. Rough stone are to be transported by Tippers (10 T Capacity). 7. The project is located at 08°55'28.92"N to 08°55'39.54"N latitude and 77°43'49.92"E to 77°43'56.58"E Longitude. 8. The total Manpower requirement is 20 Nos. 9. Total cost of the projects is Rs. 3,78,26,000/- and EMP cost about Rs. 3,22,000/- 10. The Water table is found to be ranging at the depth of 45 to 50 m in rainy season. 11. Lease applied area is not covered under HACA region. 12. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area. 13. No Interstate boundary & Western Ghats Boundary within the radius of 10km from the lease area. 14. No National Park & Wild Life Sanctuary within the radius of 10km from the lease area. 15. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km. 16. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km. 17. No habitation within the radius of the 300m from the lease area. 18. Letter obtained from the Assistant Director, Department of Geology and Mining, Thoothukudi vide Letter Roc. No. 520/G&M/2018. Dated 16.04.2019 about the details of the quarries (Proposed / Existing / Abandoned quarries) within a radius of 500m from the boundary of the proposed quarry site as follows.

RECOMMENDATIONS OF EAC

The committee's recommendation 1. A letter /certificate shall be obtained from the Assistant Director of Geology and Mining standing that there is no other Minerals/resources like sand in the quarrying area within the approved depth of mining and the same shall be furnished before applying CTO from TNPCB. 2. Further, the committee direct the proponent to furnish the mitigation plan to reduce the impact of mining on the windmill located 300 m away from the proposed project site. 3. The lease agreement between Thiru. S. Kuthub Sultan and Tmt. Sameen Fathima for the proposed Rough stone and Gravel quarry lease over

an Extent of 4.85.0 Ha in S.F.No. 788 at Ayyanaroothu Village of Kayathar Taluk, Thoothukudi District, Tamil Nadu has to be registered before commencement of the mining operation. This should be ensured by the District Collector. 4. The Project Proponent shall obtain details from AD/DD mines about the details of the quarries (Proposed / Existing / Abandoned quarries) within a radius of 500 m from the boundary of the proposed quarry site with the extent of the each quarry before placing the subject to SEIAA. 5. Ground water quality monitoring should be conducted every month and the report should be submitted to TNPCB. 6. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road. Suitable protection measures need to be undertaken. 7. Floor of excavated pit to be levelled and sides to be sloped gently in the mine closure phase. 8. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable. 9. Prior clearance from Forestry & Wild Life angle including clearance from obtaining committee of the National Board for Wild life as applicable shall be obtained before starting the quarrying operation, if the project site is located within 10km from National Park and Sanctuaries. 10. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities. 11. The recommendation for the issue of environmental clearance is subjected to the outcome of the Honâ€™ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016(M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016(M.A.No.758/2016,M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017). 12. The entire mining operation should be as per the guidelines for sustainable sand mining issued in 2016 by the MoEF & CC, GOI, New Delhi. 13. To ensure safety along the boundary of the quarry site, security guards are to be posted during the entire period of mining operation. 14. To prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration. 15. CER proposal of Rs. 7.62 lakhs should be spent for developing sports, facilities and providing Toilet, RO facilities to Government High School, Ayyanaroothu village as per Office Memorandum of MoEF & CC dated 01.05.2018. The above amount shall be spent before placing the subject to SEIAA.

Conclusion

Recommended

Specific Condition	
S.No	Condition
(1)	1. A letter /certificate shall be obtained from the Assistant Director of Geology and Mining standing that there is no other Minerals/resources like sand in the quarrying area within the approved depth of mining and the same shall be furnished before applying CTO from TNPCB. 2. Further, the committee direct the proponent to furnish the mitigation plan to reduce the

	impact of mining on the windmill located 300 m away from the proposed project site.
(2)	3. The lease agreement between Thiru. S. Kuthub Sultan and Tmt. Sameen Fathima for the proposed Rough stone and Gravel quarry lease over an Extent of 4.85.0 Ha in S.F.No. 788 at Ayyanaroothu Village of Kayathar Taluk, Thoothukudi District, Tamil Nadu has to be registered before commencement of the mining operation. This should be ensured by the District Collector. 4. The Project Proponent shall obtain details from AD/DD mines about the details of the quarries (Proposed / Existing / Abandoned quarries) within a radius of 500 m from the boundary of the proposed quarry site with the extent of the each quarry before placing the subject to SEIAA. 5. Ground water quality monitoring should be conducted every month and the report should be submitted to TNPCB. 6. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road. Suitable protection measures need to be undertaken.
(3)	7. Floor of excavated pit to be levelled and sides to be sloped gently in the mine closure phase. 8. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable.
(4)	9. Prior clearance from Forestry & Wild Life angle including clearance from obtaining committee of the National Board for Wild life as applicable shall be obtained before starting the quarrying operation, if the project site is located within 10km from National Park and Sanctuaries. 10. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities.
(5)	12. The entire mining operation should be as per the guidelines for sustainable sand mining issued in 2016 by the MoEF & CC, GOI, New Delhi. 13. To ensure safety along the boundary of the quarry site, security guards are to be posted during the entire period of mining operation.
(6)	14. To prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration. 15. CER proposal of Rs. 7.62 lakhs should be spent for developing sports, facilities and providing Toilet, RO facilities to Government High School, Ayyanaroothu village as per Office Memorandum of MoEF & CC dated 01.05.2018. The above amount shall be spent before placing the subject to SEIAA.
(7)	11. The recommendation for the issue of environmental clearance is subjected to the outcome of the Honâ€™ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016(M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016(M.A.No.758/2016,M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Committee in its -----
- th meeting held during ----- to ----- . After detailed deliberation the committee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee and hereby decided to grant Environmental Clearance for the proposed -----
(Project Name), located at ----- .

(1.) Proposal No. :- **SIA/TN/MIN/35017/2019** File No- **6791**

Type- **TOR**

INTRODUCTION

This has reference to your online application vide proposal no. **SIA/TN/MIN/35017/2019** dated **20 Apr 2019** along with the copies of EIA/EMP seeking Environment Clearance under the provisions of the EIA Notification, 2006 for the above mentioned proposed project. The proposed project activity is listed at S.No ,**1(a) Mining of minerals** under Category **B** of EIA Notification, 2006 and the proposal is appraised at Central level.

PROJECT DETAILS

The project of M/s **PROJECT PROPONENT** located in as follows :

State of the project			
S. No.	State	District	Tehsil
(1.)	Tamil Nadu	Tiruppur	Kangeyam

Town/Village : **Sivanmalai Village, Kangeyam Taluk, Tiruppur District.**

The salient features of the project submitted by the project proponent is available at [Report](#) under online proposal no. **SIA/TN/MIN/35017/2019**

DELIBERATION IN EAC

After detailed deliberations, the committee observed:- **The proposal was placed in this 132nd SEAC Meeting held on 25.07.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:**

The Essential features of the projects are as follows: 1. Government order/ Lease details: The Quarry lease was applied in the name of Thiru. S. A. Kandasamy, Tiruppur District, Precise Area Communication letter was issued by the District Collector, Tiruppur District vide Rc. No. 1001/Mines/2018, dated 30.11.2018 for a period of Five years. It is a Fresh lease for quarrying of Rough stone and Gravel quarry over an Extent of 2.57.0Ha in S.F.Nos. 67/1 & 67/2A at Sivanmalai Village of Kangeyam Taluk, Tiruppur District. 2. Mining Plan/Scheme of Mining approval details: Mining plan was prepared for the period of Five years. The Mining Plan was got approval from the Assistant Director, Department of Geology and Mining, Tiruppur District vide Rc. No. 882/Mines/2018 dated 21.12.2018. 3. As per the Department of Geology and Mining, Tiruppur District. Mining plan approved for 5 years, the production schedule for 5 years states that the total quantity of Rough stone should not exceed 1,82,385m³ and Gravel should not exceed 22,959m³. For First year - Rough stone â€“ 35,810 m³&Gravelâ€“10,701m³ For Second year - Rough stone â€“ 37,090 m³& Gravel â€“ 3,690 m³ For Third year - Rough stone â€“ 37,250 m³& Gravel â€“ 8,568 m³ For Fourth year - Rough stone â€“ 37,235 m³ For Fifth year - Rough stone â€“ 35,000m³ 4. Quarrying operation will be done by Opencast Semi Mechanized method with 5.0m vertical bench and width using Excavator, jackhammer drilling and blasting (with 25mm dia holes). 5. The quarry operation is proposed upto a depth of 23m (3m gravel and 20m Rough stone). 6. The project is locate at 11Â°05'04.10"N to 11Â°05'12.31"N latitude and 77Â°30'49.29"E to 77Â°30'54.49"E Longitude. 7. The total Manpower requirement is 28 Nos. 8. Total cost of the projects is Rs. 36,90,000/- and EMP cost about Rs. 3,80,000/- 9. Rough stone are to be transported by Tippers 2 Nos. (10 T Capacity) 10. The Water table is found to be at the depth of 50m in summer and 45m in rainy season. 11. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area. 12. No Interstate boundary & Western Ghats Boundary within the radius of 10km from the lease area. 13. No National Park & Wild Life Sanctuary within the radius of 10km from the lease area. 14. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km. 15. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km. 16. Letter obtained from the Assistant Director, Department of Geology and Mining, Tiruppur vide Letter Roc. No. 882/Mines/2018, Dated 21.12.2018 about the details of the quarries (Proposed / Existing / Abandoned quarries) within a radius of 500m from the boundary of the proposed quarry site as follows.

S. No.	Name of the quarry owner	Village	S. F. No.	Extent in ha.	a. Existing Quarries
1.	NIL				
b.	Abandoned / Expired Quarries				2. NIL
c.	Proposed Quarries				3. Thiru. S. A. Kandasamy Sivanmalai 67/1 & 67/2A 2.57.0 Total Extent 2.57.0

RECOMMENDATIONS OF EAC

The commiittee's recommendation The SEAC noted the following: 1. The Proponent, Thiru. S. A. Kandasamy has applied for Environmental Clearance to SEIAA-TN for the Proposed for Rough stone and Gravel quarry over an Extent of 2.57.0Ha in S.F.Nos. 67/1 & 67/2A at Sivanmalai Village of Kangeyam Taluk,

Tiruppur District the state of Tamil Nadu. 2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006. After the detailed presentation and perusal of the details furnished by the proponent, the SEAC decided to direct the proponent to furnish the following details. 1. Village map and "A" Register 2. Lithology details of the project site 3. Details of the water bodies located within & nearby project site. 4. The detailed mitigation measures to avoid the impact of mining on nearby habitation. 5. The Project Proponent shall obtain details from AD/DD mines about the details of the quarries (Proposed / Existing / Abandoned quarries) within a radius of 500m from the boundary of the proposed quarry site. Further, it was noted in the plate IB that another mining pit was within the 500 m. Which was not mentioned in the Assistant Director, Department of Geology and Mining, Tiruppur vide Letter Roc. No. 882/Mines/2018, Dated 21.12.2018. requested clarification for the same. 6. Transformer was noticed in the plate IB within the quarrying site. But not specified in the mining plan. If the transformer is located within the mining lease necessary permission from the TNEB is required. 7. It was noted in the plate No-II that mining activity was already been carried out in the leased area. It is requested to furnish the following details from AD, mines a) What was the period of the operation and stoppage of the earlier mines? b) Quantity of minerals mined out. c) Depth of mining d) Name of the person already mined in that leased area.

Conclusion

Deferred

Specific Condition

S.No	Condition
(1)	1. The Proponent, Thiru. S. A. Kandasamy has applied for Environmental Clearance to SEIAA-TN for the Proposed for Rough stone and Gravel quarry over an Extent of 2.57.0Ha in S.F.Nos. 67/1 & 67/2A at Sivanmalai Village of Kangeyam Taluk, Tiruppur District the state of Tamil Nadu.
(2)	2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
(3)	2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
(4)	After receipt of the above details the proposal will be considered for appraisal by SEAC.
(5)	5. The Project Proponent shall obtain details from AD/DD mines about the details of the quarries (Proposed / Existing / Abandoned quarries) within a radius of 500m from the boundary of the proposed quarry site. Further, it was noted in the plate IB that another mining pit was within the 500 m. Which was not mentioned in the Assistant Director, Department of Geology

	and Mining, Tiruppur vide Letter Roc. No. 882/Mines/2018, Dated 21.12.2018. requested clarification for the same. 6. Transformer was noticed in the plate IB within the quarrying site. But not specified in the mining plan. If the transformer is located within the mining lease necessary permission from the TNEB is required.
(6)	It was noted in the plate No-II that mining activity was already been carried out in the leased area. It is requested to furnish the following details from AD, mines a) What was the period of the operation and stoppage of the earlier mines? b) Quantity of minerals mined out. c) Depth of mining d) Name of the person already mined in that leased area.

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Committee in its -----
-- th meeting held during ----- to ----- . After detailed deliberation the committee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee and hereby decided to grant Environmental Clearance for the proposed -----
(Project Name), located at ----- .

(1.) Proposal No. :- SIA/TN/MIN/36259/2019 File No- 6826		Type- TOR													
<u>INTRODUCTION</u>															
This has reference to your online application vide proposal no. SIA/TN/MIN/36259/2019 dated 15 May 2019 along with the copies of EIA/EMP seeking Environment Clearance under the provisions of the EIA Notification, 2006 for the above mentioned proposed project. The proposed project activity is listed at S.No , 1(a) Mining of minerals under Category B of EIA Notification, 2006 and the proposal is appraised at Central level.															
<u>PROJECT DETAILS</u>															
The project of M/s GEO EXPLORATION MINING located in as follows :															
<table border="1"> <tr> <th colspan="4">State of the project</th> </tr> <tr> <th>S. No.</th> <th>State</th> <th>District</th> <th>Tehsil</th> </tr> <tr> <td>(1.)</td> <td>Tamil Nadu</td> <td>Tiruvannamalai</td> <td>Tiruvannamalai</td> </tr> </table>				State of the project				S. No.	State	District	Tehsil	(1.)	Tamil Nadu	Tiruvannamalai	Tiruvannamalai
State of the project															
S. No.	State	District	Tehsil												
(1.)	Tamil Nadu	Tiruvannamalai	Tiruvannamalai												

Town/Village : Ezhacheri Village, Vembakkam Taluk, Tiruvannamalai District, Tamilnadu State

The salient features of the project submitted by the project proponent is available at [Report](#) under online proposal no. **SIA/TN/MIN/36259/2019**

DELIBERATION IN EAC

After detailed deliberations, the committee observed:- **The proposal was placed in this 132nd SEAC Meeting held on 25.07.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:**

1. Government Order / Lease details: The Quarry lease was applied in the name of Thiru. R. Monishkumar, Kancheepuram, Precise Area Communication was issued by the District Collector, Tiruvannamalai vide R.c.No. 379/Kanimam/2017 dated 17.07.2018 for a period of 5 years. It is a fresh lease for Rough stone and Gravel quarry lease over an Extent of 3.12.5ha in S.F.No. 16/5A, 16/5B, 19/1B3, 19/4A1, 19/4B1, 19/4C1, 19/4D1, 19/5A, 19/5B1, 21/1C, 21/1D, 21/1E, 21/1F & 22/2B at Ezhacheri Village of Vembakkam Taluk, Tiruvannamalai District.

2. Mining Plan / Scheme of Mining approved details: The Mining plan was prepared for the period of 5 years. The mining plan was got approval from the Assistant Director, Department of Geology and Mining, Tiruvannamalai District vide Rc. No. 379/Kanimam/2017 dated 23.08.2018.

3. As per the Department of Geology and Mining, Tiruvannamalai District. Mining Plan approval for the 5 years, the production schedule for 5 years states that the total quantity of Rough stone should not exceed 1,77,815m³ and Gravel should not exceed 29,188m³ For First year - 39,500m³ of Rough stone and 1,18,92m³ of Gravel For Second year - 39,175m³ of Rough stone and 8,520m³ of Gravel For Third year - 35,315m³ of Rough stone and 8,776m³ of Gravel For Fourth year - 35,350m³ of Rough stone For Fifth year - 28,475m³ of Rough stone

4. The Quarry operation is proposed to carry out with open cast semi mechanized mining with 5.0m vertical bench and width.

5. The quarry operation is proposed upto a depth of 37m (2m gravel and 35m Rough stone).

6. The project is located at 12°43'01.10"N to 12°43'08.27"N latitude and 79°43'06.48"E to 79°43'16.34"E longitude.

7. The total Manpower requirement is 23 Nos.

8. Total cost of the projects is Rs. 48,56,000/- and EMP cost about Rs. 3,80,000/-

9. Rough stone and Gravel are to be transported by Tippers of 2 Nos. (20 T Capacity).

10. The Water table is found to be at the depth of 55m in summer and 50m in rainy season.

11. Lease applied area is not covered under HACA region.

12. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area.

13. No Interstate boundary & Western Ghats Boundary within the radius of 10km from the lease area.

14. No National Park & Wild Life Sanctuary within the radius of 10km from the lease area.

15. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974

within the radius of 10km from the lease area. 16. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km. 17. No habitation within the radius of the 300m from the lease area. 18. Letter obtained from the Assistant Director, Department of Geology and Mining, Tiruvannamalai vide Letter RC. No. 379/Kaniman/2017 dated 23.08.2018 about the details of the quarries (Proposed / Existing / Abandoned quarries) within a radius of 500m from the boundary of the proposed quarry site as follows. S. No. Name of the quarry owner Village S. F. No. Extent in ha. a. Existing Quarries 1. Thiru. R. Seenuvasan, Road Street, Arasanipalai Village, Vembakkam Taluk Ezhacheri (27.06.2014 to 26.06.2019 65/4, 65/5, 65/7, 65/8A, 66/4 3.42.0 TOTAL 3.42.0 b. Abandoned / Expired Quarries 1. NIL c. Proposed Quarries 1. Thiru. D. Arulzahagan, S/o. Dhakshnamoorthi No.40, Yennaikara Street, Kancheepuram Ezhacheri 20/2B, 20/2D, 20/2H, 20/2I, 20/2J, 20/2K 2.00.0 2. Thiru. P. Shankar, No. 1/63 PillayarKovil Street, Thirumudivakkam Post, Chennai Ezhacheri 21/2F, 21/2G, 21/2H, 21/2I, 21/2J, 21/2K 2.09.5 3. Thiru. R. Monishkumar, S/o. Rajendran, No. 35/88, Rajaji Street, Chenngalpattu Taluk, Kanchipuram District Ezhacheri 16/5A, 16/5B, 19/1B3, 19/4A1, 19/4B1, 19/4C1, 19/4D1, 19/5A, 19/5B1, 21/1C, 21/1D, 21/1E, 21/1F & 22/2B 3.12.5 TOTAL 7.22.0 GRAND TOTAL (A + C) 10.64.0

RECOMMENDATIONS OF EAC

The committee's recommendation 1. The Proponent, Thiru. R. Monish kumar has applied for Terms of Reference to SEIAA-TN for the Proposed for Rough stone and Gravel quarry lease over an Extent of 3.12.5ha in S.F.No. 16/5A, 16/5B, 19/1B3, 19/4A1, 19/4B1, 19/4C1, 19/4D1, 19/5A, 19/5B1, 21/1C, 21/1D, 21/1E, 21/1F & 22/2B at Ezhacheri Village of Vembakkam Taluk, Tiruvannamalai District, Tamil Nadu. 2. The project/activity is covered under Category 'B' of Item 1(a) 'Mining of Mineral Projects' of the Schedule to the EIA Notification, 2006. After the detailed presentation and perusal of the details furnished by the proponent, the SEAC decided to recommend the proposal to SEIAA for issue of Terms of Reference (TOR) with public hearing and also with the following specific conditions in addition to the normal conditions mentioned in the Standard ToR. 1. The proponent shall conduct cumulative EIA study by considering the other mines which are located nearby proposed quarry. 2. The following details shall be furnished along with EIA report a. Contour map for the quarry site and its surroundings b. Detailed Lithology study c. Detailed Mine closure plan d. Detail of water bodies surrounding the project site e. Village Map, FMB sketch and A-Register 3. The proposal for green belt activities shall be furnished. 4. The Socio economic studies should be carried out within 10km buffer zone from the mines. 5. The spot level and contour level of the proposed quarry site shall be studied and the same shall be furnished to along with EIA. 6. A detailed report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining for drilling and blasting shall be submitted. 7. CER activities should be carried out taking in to consideration the requirement of the local habitants available within the buffer zone as per Office Memorandum of MoEF & CC dated 01.05.2018. 8. Obtain a letter /certificate

from the Assistant Director of Geology and Mining standing that there is no other Minerals/resources like sand in the quarrying area within the approved depth of mining and below depth of mining and the same shall be furnished in the EIA report. 9. Ground water quality monitoring should be conducted for every month and the report shall furnish in the EIA report. 10. EIA report should strictly follow the Environmental Impact Assessment Guidance Manual for Mining of Minerals published February 2010. 11. Detail plan on rehabilitation and reclamation carried out for the stabilization and restoration of the mined areas. 12. The EIA study report shall include the surrounding mining activity, if any. 13. Modelling study for Air, Water and noise shall be carried out and incremental increase in the above study shall be substantiated with mitigation measures. 14. A study on the geological resources available shall be carried out and reported. 15. A specific study on agriculture & livelihood shall be carried out and reported. 16. Impact on ponds, rivers and other water bodies to be elaborated. 17. Impact of soil erosion, soil physical chemical and biological property changes may be assumed. 18. The recommendation for the issue of Terms of Reference is subjected to the final outcome of the Honâ€™ble NGT, Principal Bench, New Delhi in O.A No. 186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No.758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).

Conclusion

Recommended

Specific Condition	
S.No	Condition
(1)	1. The proponent shall conduct cumulative EIA study by considering the other mines which are located nearby proposed quarry. 2. The following details shall be furnished along with EIA report a. Contour map for the quarry site and its surroundings b. Detailed Lithology study c. Detailed Mine closure plan d. Detail of water bodies surrounding the project site e. Village Map, FMB sketch and A-Register
(2)	The proposal for green belt activities shall be furnished. 4. The Socio economic studies should be carried out within 10km buffer zone from the mines. 5. The spot level and contour level of the proposed quarry site shall be studied and the same shall be furnished to along with EIA.
(3)	A detailed report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining for drilling and blasting shall be submitted. 7. CER activities should be carried out taking in to consideration the requirement of the local habitants available within the buffer zone as per Office Memorandum of MoEF & CC dated 01.05.2018.

(4)	Detail plan on rehabilitation and reclamation carried out for the stabilization and restoration of the mined areas. 12. The EIA study report shall include the surrounding mining activity, if any. 13. Modelling study for Air, Water and noise shall be carried out and incremental increase in the above study shall be substantiated with mitigation measures. 14. A study on the geological resources available shall be carried out and reported.
(5)	The recommendation for the issue of Terms of Reference is subjected to the final outcome of the Honâ€™ble NGT, Principal Bench, New Delhi in O.A.No. 186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No.758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).
(6)	Obtain a letter /certificate from the Assistant Director of Geology and Mining standing that there is no other Minerals/resources like sand in the quarrying area within the approved depth of mining and below depth of mining and the same shall be furnished in the EIA report. 9. Ground water quality monitoring should be conducted for every month and the report shall furnish in the EIA report. 10. EIA report should strictly follow the Environmental Impact Assessment Guidance Manual for Mining of Minerals published February 2010.
(7)	Detail plan on rehabilitation and reclamation carried out for the stabilization and restoration of the mined areas. 12. The EIA study report shall include the surrounding mining activity, if any. 13. Modelling study for Air, Water and noise shall be carried out and incremental increase in the above study shall be substantiated with mitigation measures. 14. A study on the geological resources available shall be carried out and reported. mental Impact Assessment Guidance Manual for Mining of Minerals published February 2010.

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Committee in its -----
--- th meeting held during ----- to ----- . After detailed deliberation
the committee recommended for grant of Environment Clearance subject to
Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the
application based on the recommendations of the Expert Appraisal Committee and
hereby decided to grant Environmental Clearance for the proposed -----
(Project Name), located at ----- .

INTRODUCTION

This has reference to your online application vide proposal no. **SIA/TN/MIN/36264/2019** dated **15 May 2019** along with the copies of EIA/EMP seeking Environment Clearance under the provisions of the EIA Notification, 2006 for the above mentioned proposed project. The proposed project activity is listed at S.No ,**1(a) Mining of minerals** under Category **B** of EIA Notification, 2006 and the proposal is appraised at Central level.

PROJECT DETAILS

The project of M/s **GEO EXPLORATION MINING** located in as follows :

State of the project			
S. No.	State	District	Tehsil
(1.)	Tamil Nadu	Tiruvannamalai	Tiruvannamalai

Town/Village : **Gundiyathandalam Village,Vembakkam Taluk, Tiruvannamalai District**

The salient features of the project submitted by the project proponent is available at [Report](#) under online proposal no. **SIA/TN/MIN/36264/2019**

DELIBERATION IN EAC

After detailed deliberations, the committee observed:- **1. Government Order / Lease details:** The Quarry lease was applied in the name of Thiru. R. Nethaji, Kancheepuram, Precise Area Communication was issued by the District Collector, Tiruvannamalai vide R.c.No. 33/Kanimam/2018, dated 14.10.2018 for a period of 5 years. It is a fresh lease for Rough stone and Gravel quarry over an extent of 2.45.0ha in S.F.Nos. 176/1A, 176/1B, 176/1C, 176/2A, 176/2B, 176/3A, 176/3B, 176/3C, 176/3D, 176/3E, 176/3F, 176/3G & 176/4B at Gundiyathandalam Village, Vembakkam Taluk, Tiruvannamalai District. **2. Mining Plan / Scheme of Mining approved details:** The Mining plan was prepared for the period of 5 years. The mining plan was got approval from the Assistant Director, Department of Geology and Mining, Tiruvannamalai District vide Rc. No. 33/Kanimam/2018 dated 23.10.2018. **3. As per the Department of Geology and Mining, Tiruvannamalai District. Mining Plan approval for the 5 years, the production schedule for 5 years states that the total quantity of Rough stone should not exceed 2,58,975m³ and Gravel should not exceed 40,610m³ For First year - 53,100m³ of Rough stone and 32,574m³ of Gravel For Second year - 54,020m³ of Rough stone and 8,036m³ of Gravel For Third year - 50,100m³ of**

Rough stone For Fourth year - 52,860m³ of Rough stone For Fifth year - 48,895m³ of Rough stone 4. The quarry operation is proposed upto a depth of 22m (2m gravel and 20m Rough stone). 5. The Quarry operation is proposed to carry out with open cast semi mechanized mining with 5.0m vertical bench and width. 6. Rough stone and Gravel are to be transported by Tippers of 2 Nos. (20 T Capacity). 7. The project is locate at 12°43'52"N to 12°43'57"N latitude and 79°43'16"E to 79°43'23"E Longitude. 8. The total Manpower requirement is 16 Nos. 9. Total cost of the projects is Rs. 35,25,000/- and EMP cost about Rs. 6,40,000/- 10. The Water table is found to be at the depth of 60m in summer and 55m in rainy season. 11. Lease applied area is not covered under HACA region. 12. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area. 13. No Interstate boundary & Western Ghats Boundary within the radius of 10km from the lease area. 14. No National Park & Wild Life Sanctuary within the radius of 10km from the lease area. 15. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 10km from the lease area. 16. No Protected Area, Eco Sensitive Zone & Eco Sensitive Area within the radius of 10km. 17. No habitation within the radius of the 300m from the lease area. 18. Letter obtained from the Assistant Director, Department of Geology and Mining, Tiruvannamalai vide Letter RC. No. 33/Kaniman/2017 dated 23.10.2018 about the details of the quarries (Proposed / Existing / Abandoned quarries) within a radius of 500m from the boundary of the proposed quarry site as follows.

RECOMMENDATIONS OF EAC

The commiittee's recommendation 1. A detailed study of the lithology of the mining lease area shall be furnished. 2. Details of village map, a register and FMB sketch shall be furnished. 3. The proposal for green belt activities shall be furnished. 4. The Socio economic studies should be carried out within 10km buffer zone from the mines. 5. Detailed mining closure plan for the proposed project approved by the Geology of Mining department shall be shall be submitted along with EIA report. 6. The spot level and contour level of the proposed quarry site shall be studied and the same shall be furnished to along with EIA. 7. A detailed report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining for drilling and blasting shall be submitted. 8. CER activities should be carried out taking in to consideration the requirement of the local habitants available within the buffer zone as per Office Memorandum of MoEF & CC dated 01.05.2018. 9. Obtain a letter /certificate from the Assistant Director of Geology and Mining standing that there is no other Minerals/resources like sand in the quarrying area within the approved depth of mining and below depth of mining and the same shall be furnished in the EIA report. 10. Ground water quality monitoring should be conducted for every month and the report shall furnish in the EIA report. 11. EIA report should strictly follow the Environmental Impact Assessment Guidance Manual for Mining of Minerals published February 2010. 12. Detail plan on rehabilitation and reclamation carried out for the stabilization and restoration of

the mined areas. 13. The EIA study report shall include the surrounding mining activity, if any. 14. Modelling study for Air, Water and noise shall be carried out and incremental increase in the above study shall be substantiated with mitigation measures. 15. A study on the geological resources available shall be carried out and reported. 16. A specific study on agriculture & livelihood shall be carried out and reported. 17. Impact on ponds, rivers and other water bodies to be elaborated. 18. Impact of soil erosion, soil physical chemical and biological property changes may be assumed. 19. The recommendation for the issue of Terms of Reference is subject to the final outcome of the Honâ€™ble NGT, Principal Bench, New Delhi in O.A No. 186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No.758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).

Conclusion

Recommended

Specific Condition	
S.No	Condition
(1)	1. A detailed study of the lithology of the mining lease area shall be furnished. 2. Details of village map, a register and FMB sketch shall be furnished. 3. The proposal for green belt activities shall be furnished.
(2)	4. The Socio economic studies should be carried out within 10km buffer zone from the mines. 5. Detailed mining closure plan for the proposed project approved by the Geology of Mining department shall be submitted along with EIA report. 6. The spot level and contour level of the proposed quarry site shall be studied and the same shall be furnished to along with EIA.
(3)	7. A detailed report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining for drilling and blasting shall be submitted. 8. CER activities should be carried out taking in to consideration the requirement of the local habitants available within the buffer zone as per Office Memorandum of MoEF & CC dated 01.05.2018.
(4)	10. Ground water quality monitoring should be conducted for every month and the report shall furnish in the EIA report. 11. EIA report should strictly follow the Environmental Impact Assessment Guidance Manual for Mining of Minerals published February 2010.
(5)	12. Detail plan on rehabilitation and reclamation carried out for the stabilization and restoration of the mined areas. 13. The EIA study report shall include the surrounding mining activity, if any. 14. Modelling study for Air, Water and noise shall be carried out and incremental increase in

	the above study shall be substantiated with mitigation measures. 15. A study on the geological resources available shall be carried out and reported.
(6)	9. Obtain a letter /certificate from the Assistant Director of Geology and Mining standing that there is no other Minerals/resources like sand in the quarrying area within the approved depth of mining and below depth of mining and the same shall be furnished in the EIA report.
(7)	16. A specific study on agriculture & livelihood shall be carried out and reported. 17. Impact on ponds, rivers and other water bodies to be elaborated. 18. Impact of soil erosion, soil physical chemical and biological property changes may be assumed.
(8)	19. The recommendation for the issue of Terms of Reference is subject to the final outcome of the Honâ€™ble NGT, Principal Bench, New Delhi in O.A No. 186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No.758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).

and also enclosed as **Annexture-I**

The proposal was considered by Expert Appraisal Commiittee in its -----
 ---- th meeting held during ----- to ----- . After detailed deliberation
 the commiittee recommended for grant of Environment Clearance subject to
 Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the
 appliation based on the recommendations of the Expert Appraisal Commiittee
 and hereby decided to grant Environmental Clearance for the proposed -----
 - (Project Name), located at ----- .

(1.) Proposal No. :- **SIA/TN/MIN/37641/2019** File No- **6896**

Type- **TOR**

INTRODUCTION

This has reference to your online application vide proposal no.
SIA/TN/MIN/37641/2019 dated **12 Jun 2019** along with the copies of EIA/EMP
 seeking Environment Clearance under the provisions of the EIA Notification, 2006
 for the above mentioned proposed project. The proposed project activity is listed
 at S.No ,**1(a) Mining of minerals** under Category **B** of EIA Notification, 2006 and
 the proposal is appraised at Central level.

PROJECT DETAILS

The project of M/s **WIENERBERGER INDIA PRIVATE LIMITED** located in as follows :

State of the project			
S. No.	State	District	Tehsil
(1.)	Tamil Nadu	Tiruvannamalai	Cheyar

Town/Village : **Periyakoil,Jaderi**

The salient features of the project submitted by the project proponent is available at [Report](#) under online proposal no. **SIA/TN/MIN/37641/2019**

DELIBERATION IN EAC

After detailed deliberations, the committee observed:- **The proposal was placed in this 132nd SEAC Meeting held on 25.07.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:** 1. Wienerberger India Private Limited has applied for mining lease for Fire clay over an area of 17.945 ha in Periya Koil and Jaderi villages in Cheyyar taluk of Tiruvannamalai district of Tamilnadu on 13.06.2016 with the above mentioned objective. This proposal is for a peak production capacity of 275460 T (183640 Cu.m). 2. The entire land is patta lands. The Government has issued precise area notification which is enclosed vide Lr.No 10220/MMC.2/2018-1, dated 08.03.2019 asking the applicant to obtain approval of Mining Plan from Department of Geology and Mining, and Environmental Clearance from the State Level Environment Impact Assessment Authority, Tamil Nadu. 3. Form -1, TOR, Feasibility report, approved Mine plan and District Survey Report is being submitted to SEIAA, Tamil Nadu for their approval and prescribing ToR and according EC after submission of EIA/EMP report to them. 4. The mining plan was submitted and approved by Dept of Geology and Mining vide Lr. No.9065/MM3/2017/FC/TVM dated 11.05.2019 There are no leases within 500m radius of the proposed fire clay quarry. 5. This area falls in Survey of India Topo sheet No. 57P / 10 between Latitude - 12°42'28.11" N to 12°42'46.24" N & Longitude - 79°32'40.98" to 79°32'57.93"E. 6. The quarry lease area is approachable from Nedumparai at a distance of 1.26 km (East). The lease is also approachable from Pappanthangal Village at a distance of 2.4 Kms where the intersects the State Highway 5 (SH-5). Nedumparai to Pappanthangal road is adjacent to lease. 7. Method of quarrying will be open cast mechanized using

excavators cum-loaders, tippers etc. As the material is soft no drilling and blasting will be carried out and the material will be directly excavated by excavators and loaded on to tippers. Bench height will be 3 m, with bench widths of 6m with individual bench slope of 70°. The ultimate pit slope will be 23°. The ultimate depth of mining is 21.3 m or 80mRL and the life of mine is 11 years. 8. The total water requirement is 15 cu.m/day out of which for Domestic 2.0 cu.m/day Dust suppression and Afforestation 13.0 cu.m/day will be utilized. 9. No forest land is involved in the lease area. The area also does not come under CRZ category. The mining lease area and the 10 km buffer zone is devoid of declared ecologically sensitive features like national parks, biospheres, sanctuaries, etc. Tandappantangal RF 8.5 Kms N, Pulavakkam RF 6.20 km NW are located from the lease boundary Cheyyar river flow at a distance of 6.8 Kms in the southern direction Nearest habitated village is Jaderi which is more than 0.63 kms in the northern direction. 10. The capital cost for this project is estimated to be Rs. 3.764 crores which includes Land cost Rs.2.574 crores, Machinery (HEMM) & other ancillary equipment cost Rs.0.990 crores and Building - Rs.0.20 crores. The SEAC noted the following: 1. The Proponent, M/s Wienerberger India Private Limited has applied for Terms of Reference to SEIAA-TN for the proposed Fire Clay quarry lease over an Extent of 17.945 Ha in Periya Koil 24/3B, 24/3H, 26/1, 26/2, 26/3, 27/1, etc. and Jaderi-122/1, 122/2B, 122/2C, 122/2D1 etc. in Cheyyar taluk of Tiruvannamalai district, Tamilnadu. 2. The project/activity is covered under Category B of Item 1(a) Mining of Mineral Projects of the Schedule to the EIA Notification, 2006

RECOMMENDATIONS OF EAC

The committee's recommendation 1. Village map and Register 2. Lithology details of the project site 3. Necessary permission from the AD/DD, mines Tiruvannamalai district for the availability of the fire clay up to a depth of 21.3 m in the proposed lease area. Further, Documentary Proof for availability of the fire clay up to 21.3m shall be furnished. 4. Details of the water bodies located nearby project site 5. As per the office memorandum of MoEF&CC, the mining of earth/clay/Savudu is restricted to 2m depth for B2 category projects. Hence SEAC decided to get the clarification from the MoEF&CC for the applicability of above said office memorandum for mining of clay upto 21.3m since this project falls under B1 Category. 6. The LT&HT Electric lines are passing through mine lease area .Hence the proponent shall obtain the recommendations from the TANGEDCO. 7. The Periya Eri is located adjacent to the mine lease area in the northern side. Hence the proponent needs to submit the mitigation measures to avoid the impact of mining activity on the periya Eri.

Conclusion

Deferred

Specific Condition

S.No	Condition
(1)	1. Village map and Register 2. Lithology details of the project site 3. Necessary permission from the AD/DD, mines Tiruvannamalai district for the availability of the fire clay up to a depth of 21.3 m in the proposed lease area. Further, Documentary Proof for availability of the fire clay up to 21.3m shall be furnished. 4. Details of the water bodies located nearby project site
(2)	5. As per the office memorandum of MoEF&CC, the mining of earth/clay/Savudu is restricted to 2m depth for B2 category projects. Hence SEAC decided to get the clarification from the MoEF&CC for the applicability of above said office memorandum for mining of clay upto 21.3m since this project falls under B1 Category. 6. The LT&HT Electric lines are passing through mine lease area .Hence the proponent shall obtain the recommendations from the TANGEDCO.
(3)	5. As per the office memorandum of MoEF&CC, the mining of earth/clay/Savudu is restricted to 2m depth for B2 category projects. Hence SEAC decided to get the clarification from the MoEF&CC for the applicability of above said office memorandum for mining of clay upto 21.3m since this project falls under B1 Category. 6. The LT&HT Electric lines are passing through mine lease area .Hence the proponent shall obtain the recommendations from the TANGEDCO.

and also enclosed as **Annexture-I**

The proposal was considered by Expert Appraisal Commiittee in its -----
----- th meeting held during ----- to ----- . After detailed deliberation
the commiittee recommended for grant of Environment Clearance subject to
Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered
the appliation based on the recommendations of the Expert Appraisal
Commiittee and hereby decided to grant Environmental Clearance for the
proposed ----- (Project Name), located at ----- .

(1.) Proposal No. :- **SIA/TN/MIN/38441/2019** File No- **6907**

Type- **TOR**

INTRODUCTION

This has reference to your online application vide proposal no.
SIA/TN/MIN/38441/2019 dated **09 Jul 2019** along with the copies of EIA/EMP
seeking Environment Clearance under the provisions of the EIA Notification,
2006 for the above mentioned proposed project. The proposed project activity is
listed at S.No ,**1(a) Mining of minerals** under Category **B** of EIA Notification, 2006

and the proposal is appraised at Central level.

PROJECT DETAILS

The project of M/s **RAMCO CEMENTS ENVIRONMENT** located in as follows :

State of the project			
S. No.	State	District	Tehsil
(1.)	Tamil Nadu	Ariyalur	Ariyalur

Town/Village : **Reddipalayam and Nagamangalam**

The salient features of the project submitted by the project proponent is available at [Report](#) under online proposal no. **SIA/TN/MIN/38441/2019**

DELIBERATION IN EAC

After detailed deliberations, the committee observed:- **The proposal was placed in this 132nd SEAC Meeting held on 25.07.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows: 1. M/s. The Ramco Cements Limited (RCL) are manufacturers of cement for about 14.45 million tons per annum (MTPA) from their Cement Plants in South India. We are operating our 3rd Cement Plant in Tamil Nadu at Govindapuram near Ariyalur. The production capacity of Govindapuram Cement Plant is 3.25 Million Tonnes Per Annum (MTPA) Clinker and 5.5 MTPA Cement. It has 66 MW Captive Power Plant and a Township in the complex. 2. The existing EC capacity for all the 6 mines is 6.30 MTPA with residual reserves of 31.41 Mill. Tonnes. Also, out of 6 MLs, two Mining leases are in Conceptual Stage and will be completely exhausted in another 2 years period. Reddipalayam Mine is having the Reserves of about 13.00 Million Tonnes. To supply the required Limestone demand of Govindapuram Cement Plant, the production level of Reddipalayam Limestone Mine has to be enhanced at the earliest. Accordingly, we propose to increase the production capacity of Reddipalayam Captive Mine from existing 1.70 MTPA to 3.00 MTPA. 3. Reddipalayam Mining Lease has been granted to RCL (earlier M/s. Madras Cements Limited-MCL) vide G.O. No. 662 Industries (MMA 2) Dept., dated 09.10.1998 for a period of 30 years for mining Limestone over an extent of 63.60.0 Ha at S.F. Nos. Parts of 298, 299, 300, 301, 302, 303, 373, 374, 375, 376, 380, 381, 382, 383, 384, 385, 401, 402, 403 and 404 of Reddipalayam Village,**

Ariyalur Taluk & District, Tamil Nadu. The total Mine Lease area is 63.90.0 Ha, out of which 59.49.5 Ha is own Patta Land and 4.10.5 Ha is Government Poramboke Land. 4. The Mining Lease Deed was executed on 05.10.2001 but registration was made to effect only on 23.07.2004 due to Administration reasons. Hence, the validity of ML is with effective from 23.07.2004 to 22.07.2034. 5. The First Mining Plan Approval was obtained for 1.0 LTPA Limestone vide IBM Lr. No. TN/PBR/MP/LST.1132/SZ dated 10.12.1998. 6. The First EC for the Production of 1.05 LTPA Limestone was obtained vide MoEF Ltr. No. J-11015/11/99-IA.II(M) dated 26.11.1999. CTEs were obtained for mining 1.05 LTPA or 414 Tons/day Limestone from TNPCB vide Consent Order No. 1971 (Water Act) and 1926 (Air Act) dated 28.02.2000. 7. However, there was no development and production from this Mine due to operational constraints. With the establishment of RCL Govindapuram Cement Plant at Ariyalur during 2007-08, the Captive Mines in Ariyalur Region were commissioned for Limestone production. With increased Limestone Demand in store, EC for Expansion of Reddipalayam Mine (from 0.105 MTPA to 1.20 MTPA Limestone) was obtained vide MoEFLr. No. J-11015/119/2007-IA.II(M) dated 28.06.2007 with OB Dump outside Lease. Accordingly, CTOs-Expansion for mining 1.2 MTPA or 4,000 Tons/day Limestone were obtained from TNPCB vide Orders No.17658 (Expansion) (Air)& 21621 (Expansion) (Water) dated 28.08.2008. Accordingly, the Development Works were started in Reddipalayam Mine during 2008-09 as the Over Burden (OB) upto 23 m (max.) had to be removed before mining the Limestone. Limestone production from this Mine commenced from 2011-12. 8. Meanwhile, as Govindapuram Cement Plant was expanded during 2010-11, the Production Enhancement of Reddipalayam Mine from 1.20 MTPA to 1.70 MTPA was proposed. MoEF has awarded EC for expansion in production quantity of 1.7 MTPA Limestone vide Ltr. No. J-11015/337/2009-1A.II (M) dated 22.05.2013. CTO (Expansion) for mining 1.7 MTPA Limestone were also obtained from TNPCB vide Orders No. 21621 (Water Act) and 17658 (Air Act) dated 12.08.2013. 9. The existing Second Scheme of Mining Plan (2015-16 to 2019-20 for 1.70 MTPA productions) has been approved by the Indian Bureau of Mines, Chennai Region vide Letter No. TN/ALR/LST/MS-1213-MDS, dated 13.05.2015. The Production details so far from Reddipalayam Mine is as follows :

Year	Planned Production, Tonnes	Actual Production, Tonnes	AD Mine Proceeding Reference
2008-09	12,00,000	0	Proceedings dated 27.04.2009
2009-10	12,00,000	0	Proceedings dated 29.04.2010
2010-11	0	0	Rc. No. 120/G&M/2011 dated 01.06.2011
2011-12	17,04,000	1,379.54	Rc. No. 356/G&M/2013-12 dated 09.01.2014
2012-13	17,08,980	2,00,882.34	Rc. No. 356/G&M/2013-12 dated 17.01.2014
2013-14	17,06,900	5,72,987.67	Rc. No. 230/G&M/2014-5 dated 20.01.2015
2014-15	17,01,340	8,55,726.99	Rc. No. 27/G&M/2016-4 dated 05.02.2016
2015-16	16,93,520	15,24,982.35	Rc. No. 27/G&M/2016-4 dated 22.04.2016
2016-17	16,99,514	12,78,759.37	Rc. No. 280/G&M/2017-4 dated 20.03.2018
2017-18	16,96,123	9,96,400.57	Rc. No. 156/G&M/2018 dated 20.06.2018
2018-19	29,99,800	16,05,544.97	Rc. No. 85/G&M/2019 dated 21.05.2019
Total			

1,73,10,177 70,36,663.80 10. Mining is now being carried out by Open Cast Mechanized Non-conventional Metho

RECOMMENDATIONS OF EAC

The committee's recommendation **The SEAC noted the following: 1. The Proponent, The Ramco Cements Limited has applied for Terms of reference to SEIAA-TN for the Proposed for Limestone quarry lease over an Extent of 63.60.0 Ha at S.F. Nos. Parts of 298, 299, 300, 301, 302, 303, 373, 374, 375, 376, 380, 381, 382, 383, 384, 385, 401, 402, 403 and 404 of Reddipalayam Village, Ariyalur Taluk, Ariyalur District, Tamil Nadu. 2. The project/activity is covered under Category 'B1' of Item 1(a) 'Mining of Mineral Projects' of the Schedule to the EIA Notification, 2006. Based on the presentation made by the proponent and the documents furnished, the SEAC noted that the project proponent has second scheme of mining plan (2015-16 to 2019-20) vide Lr,No. TN/ALR/LST/MS-1213-MDS dated 13.05.2015. Hence, the SEAC decided that the period of approval will be lapse shortly. The Proponent is requested to obtain Scheme of mining approved by the IBM for the period (2020 to 2025) and submit the same before SEAC for further processing of the application.**

Conclusion

For further consideration

Specific Condition	
S.No	Condition
(1)	The SEAC noted the following: 1. The Proponent, The Ramco Cements Limited has applied for Terms of reference to SEIAA-TN for the Proposed for Limestone quarry lease over an Extent of 63.60.0 Ha at S.F. Nos. Parts of 298, 299, 300, 301, 302, 303, 373, 374, 375, 376, 380, 381, 382, 383, 384, 385, 401, 402, 403 and 404 of Reddipalayam Village, Ariyalur Taluk, Ariyalur District, Tamil Nadu.
(2)	2. The project/activity is covered under Category 'B1' of Item 1(a) 'Mining of Mineral Projects' of the Schedule to the EIA Notification, 2006. Based on the presentation made by the proponent and the documents furnished, the SEAC noted that the project proponent has second scheme of mining plan (2015-16 to 2019-20) vide Lr,No. TN/ALR/LST/MS-1213-MDS dated 13.05.2015. Hence, the SEAC decided that the period of approval will be lapse shortly. The Proponent is requested to obtain Scheme of mining approved by the IBM for the period (2020 to 2025) and submit the same before SEAC for further processing of the application.

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Committee in its -----
----- th meeting held during ----- to ----- . After detailed
deliberation the committee recommended for grant of Environment Clearance
subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered
the application based on the recommendations of the Expert Appraisal
Committee and hereby decided to grant Environmental Clearance for the
proposed ----- (Project Name), located at ----- .

(1.) Proposal No. :- **SIA/TN/MIN/38510/2019** File No- **6906**

Type- **TOR**

INTRODUCTION

This has reference to your online application vide proposal no.
SIA/TN/MIN/38510/2019 dated **09 Jul 2019** along with the copies of EIA/EMP
seeking Environment Clearance under the provisions of the EIA Notification,
2006 for the above mentioned proposed project. The proposed project activity
is listed at S.No ,**1(a) Mining of minerals** under Category **B** of EIA Notification,
2006 and the proposal is appraised at Central level.

PROJECT DETAILS

The project of M/s **RAMCO CEMENTS ENVIRONMENT** located in as
follows :

State of the project			
S. No.	State	District	Tehsil
(1.)	Tamil Nadu	Ariyalur	Ariyalur

Town/Village : **Ottakovil**

The salient features of the project submitted by the project proponent is
available at [Report](#) under online proposal no. **SIA/TN/MIN/38510/2019**

DELIBERATION IN EAC

After detailed deliberations, the committee observed:- **The proposal
was placed in the 132th SEAC Meeting held on 25.07.2019. The project
proponent gave detailed presentation. The salient features of the project and**

the environmental impact assessment as presented by the proponent are as follows: 1. M/s. The Ramco Cements Limited (RCL) are manufacturing cement for about 14.45 million tons per annum (MTPA) from their Cement Plants in South India. 2. Lime Kankar is required for blending with high/low grade limestone to meet the cement grade raw material to the Cement Plant. Thus, RCL proposes the Ottakovil Lime Kankar Quarry Lease for Captive Consumption at Govindapuarm Cement Plant. The QL area is reachable from MDR (Ariyalur -Sendurai Section) which runs at 1.0 km distance on its eastern side. 3. Cluster Approach: There is no Minor Mineral Quarry Lease within 500 m from Ottakovil QL. Proposed Ottakovil QL in the north side for which EC had obtained for a Production of 0.5 MTPA (ROM) Limestone and Marl vide MoEF&CC Letter No. J-11015/425/2012-IA.II (M) dated 21.07.2015. RCL Illupaiyur Limekankar QL is at 2.5 km in the north-northeast direction from the quarry lease area. Hence, the Proposal does not attract Cluster situation. 4. The proposed Ottakovil Lime Kankar Quarry Lease is over an extent of 22.81.5 Ha in S. F. Nos. 116/1, 2, 3, 4A, 4B, 5, 6, 7, 8, 9, 10, 11 & 12, 117/3, 4, 5, 6, 7A, 7B, 8A, 8B, 9A & 9B, 118/1, 2, 3, 4, 5A, 5B, 6A, 6B, 7, 8A, 8B, 9, 10A, 10B, 11, 12, 13, 14, 15, 16, 17A, 17B, 18A, 18B & 18C, 119/1C, 1D, 1E, 1F, 2, 3A, 3B, 4A, 4B1, 4B2, 5A, 5B, 5C, 6A, 6B & 6C (Part), 211/1A, 1B, 2A, 2B, 3A, 3B, 4, 5, 6, 7, 8A (Part), 8B & 9 and 212/1A, 1B, 1C, 2, 3 & 4 of Ottakovil village, Ariyalur Taluk, Ariyalur District of Tamil Nadu State. The area covered under quarrying is non-forest type. The general elevation of the QL area is 104.5 to 108 m a MSL. 5. The entire area applied for Quarry Lease is Patta land owned by RCL. There is no Rehabilitation & Resettlement (R&R) issue due to the proposal. There is no litigation/pending case against the proposal. 6. Precise Area Communication has been issued by the Tamil Nadu State Industries Department vide Letter No. 3062/MMC-2/2018-1 dated 02.04.2018 for a period of 10 years. 7. The Mining Plan has been approved by the Department of Geology & Mining, Govt. of Tamil Nadu, Chennai vide Letter No. 1394/MM10/2018/LK/Ari dated 11.05.2018. As per the Approved Mining Plan, the proposed production of Lime Kankar from this Lease by Strip Mining would be about 12,000 Tonnes per Annum (TPA) in Run-Off Mine (ROM) basis. 8. In the total QL area of 22.81.5 Ha, about 20.63.5 Ha is only available for effective quarrying after leaving the prescribed safety barrier of about 2.18.0 Ha. It is estimated that 6,96,431 Tonnes of Lime Kankar is mineable from the estimated In-situ Geological Reserves of 7,70,006 Tonnes. 9. It is calculated that about 3,30,160 Tonnes of Top Soil will have to be removed as overburden (OB) to extract the entire estimated Kankar reserve of 6,96,431 Tons on ROM basis. 10. After removing the surface top layer of 0.25 m as Top Soil (which will be scrapped, removed, stored, maintained and used for Green Belt Development), the Black Cotton Soil up to a maximum depth of further 0.75 m will be quarried out as OB and simultaneously backfilled in quarried out voids in the Lease. Below the Black Cotton Soil, Lime Kankar will be quarried out by Strip Mining. 11. The OB soil removed in the first year of plan period will be dumped in the proposed temporary OB dump over an extent of 1.66.0 Ha with

2.0-2.5 m height on the south western side of the QL area. The OB soil to be removed from the second year onwards will be utilized for simultaneous backfilling of the Lime kankar exhausted area which will be continued up to the end of mine life. The entire quantity in the OB dump will be rehandled at the end of Mining Plan Period for backfilling. Life of the QL is 6.0 years only.

12. Quarry Lease Profile : Proved Lime Kankar Reserves : 0.696 Million Tonnes
 Proposed Lime Kankar Production : 12,000 TPA Life of the QL : 5.81 years, say 6 years
 No. of working days/annum : 300 (2 shifts)
 Pit Configuration : Strip mining with 25 m long and 8m wide Strips
 Ultimate Pit Limit-Conceptual 2.5 m (bgl); Top RL 104.5-106 m; Bottom RL 102-103.5 m. Ground Water table: Pre monsoon - 25 m bgl (83 m RL); Post monsoon - 20 m bgl (88 m RL). Quarrying activities will not intersect the ground water-table.

13. There will not be any water seepage in the Mine Pit. The QL requires about 5 KLD towards domestic consumption (1 KLD), Dust Control Measures (1 KLD) and Green Belt (3 KLD) which will be brought by own Tankers from nearby Cement Plant. Domestic sewage generation will be about 0.8 cu.m/day which will be biologically treated in a Septic Tank followed by a Dispersion Trench. No workshop is proposed and thus, no effluent generation from the Mine.

14. At Conceptual Stage, about

RECOMMENDATIONS OF EAC

The committee's recommendation The SEAC noted the following:

1. The Proponent, M/s. The Ramco Cements Limited has applied for Terms of Reference to SEIAA-TN for the Proposed for lime kankar quarry lease over an extent of 22.81.5 Ha at S.F. Nos. 116/1, 2, 3, 4A, 4B, 5, 6, 7, 8, 9, 10, 11 & 12, 117/3, 4, 5, 6, 7A, 7B, 8A, 8B, 9A & 9B, 118/1, 2, 3, 4, 5A, 5B, 6A, 6B, 7, 8A, 8B, 9, 10A, 10B, 11, 12, 13, 14, 15, 16, 17A, 17B, 18A, 18B & 18C, 119/1C, 1D, 1E, 1F, 2, 3A, 3B, 4A, 4B1, 4B2, 5A, 5B, 5C, 6A, 6B & 6C (Part), 211/1A, 1B, 2A, 2B, 3A, 3B, 4, 5, 6, 7, 8A (Part), 8B & 9 and 212/1A, 1B, 1C, 2, 3 & 4 of Ottakovil village, Ariyalur Taluk, Ariyalur District, Tamil Nadu.
2. The project/activity is covered under Category "B" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006. Based on the presentation made by the proponent and the documents furnished, the SEAC decided to recommend the proposal for the grant of Terms of Reference (ToR) to SEIAA with Public Hearing, subject to the following specific conditions in addition to the normal conditions as part of ToR:
 1. The quantum of mined material used for back filling into the mined out area shall be indicated. The back filling of mined out area shall be carried out scientifically ensuring that the ground water table in and around the mine is not disturbed quantitatively and qualitatively.
 2. The comprehensive study shall be carried out to evaluate the impact of mining operations on the environment through expertise in the field of hydrogeology, ecology, mining and environment.
 3. EIA study should critically evaluate the impact of transportation of mined material away from the mined area in terms of air pollution, noise pollution and traffic volume.
 - 4.

A detailed report on the green belt developed already in mines operated by the proponent in the same area should be furnished. They should also submit the proposed green belt development activities. 5. The comprehensive study shall be carried out to evaluate the impact of mining operations on the environment through expertise in the field of hydrogeology, ecology, mining and environment. 6. A detailed study of the lithology of the mining lease area shall be furnished. 7. Compliance report for the earlier mining activity shall be furnished. 8. Details of village map, a register and FMB sketch shall be furnished. 9. The proposal for green belt activities shall be furnished. 10. The Socio economic studies should be carried out within 10km buffer zone from the mines. 11. Detailed mining closure plan for the proposed project approved by the Geology of Mining department shall be submitted along with EIA report. 12. The spot level and contour level of the proposed quarry site shall be studied and the same shall be furnished to along with EIA. 13. A detailed report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining for drilling and blasting shall be submitted. 14. CER activities should be carried out taking in to consideration the requirement of the local habitants available within the buffer zone as per Office Memorandum of MoEF & CC dated 01.05.2018. 15. Obtain a letter /certificate from the Assistant Director of Geology and Mining standing that there is no other Minerals/resources like sand in the quarrying area within the approved depth of mining and below depth of mining and the same shall be furnished in the EIA report. 16. Ground water quality monitoring should be conducted for every month and the report shall furnish in the EIA report. 17. EIA report should strictly follow the Environmental Impact Assessment Guidance Manual for Mining of Minerals published February 2010. Detail plan on rehabilitation and reclamation carried out for the stabilization and restoration of the mined areas. 18. The EIA study report shall include the surrounding mining activity, if any. 19. Modelling study for Air, Water and noise shall be carried out and incremental increase in the above study shall be substantiated with mitigation measures. 20. A study on the geological resources available shall be carried out and reported. 21. A specific study on agriculture & livelihood shall be carried out and reported. 22. Impact on ponds, rivers and other water bodies to be elaborated. 23. Impact of soil erosion, soil physical chemical and biological property changes may be assumed. 24. The recommendation for the issue of Terms of Reference is subjected to the final outcome of the Honâ€™ble NGT, Principal Bench, New Delhi in O.A No. 186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No.758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).

Conclusion

Recommended

Specific Condition	
S.No	Condition
(1)	1. The Proponent, M/s. The Ramco Cements Limited has applied for Terms of Reference to SEIAA-TN for the Proposed for lime kankar quarry lease over an extent of 22.81.5 Ha at S.F. Nos. 116/1, 2, 3, 4A, 4B, 5, 6, 7, 8, 9, 10, 11 & 12, 117/3, 4, 5, 6, 7A, 7B, 8A, 8B, 9A & 9B, 118/1, 2, 3, 4, 5A, 5B, 6A, 6B, 7, 8A, 8B, 9, 10A, 10B, 11, 12, 13, 14, 15, 16, 17A, 17B, 18A, 18B & 18C, 119/1C, 1D, 1E, 1F, 2, 3A, 3B, 4A, 4B1, 4B2, 5A, 5B, 5C, 6A, 6B & 6C (Part), 211/1A, 1B, 2A, 2B, 3A, 3B, 4, 5, 6, 7, 8A (Part), 8B & 9 and 212/1A, 1B, 1C, 2, 3 & 4 of Ottakovil village, Ariyalur Taluk, Ariyalur District, Tamil Nadu.
(2)	2. The project/activity is covered under Category "B" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006. Based on the presentation made by the proponent and the documents furnished, the SEAC decided to recommend the proposal for the grant of Terms of Reference (ToR) to SEIAA with Public Hearing, subject to the following specific conditions in addition to the normal conditions as part of ToR:
(3)	6. A detailed study of the lithology of the mining lease area shall be furnished. 7. Compliance report for the earlier mining activity shall be furnished. 8. Details of village map, a register and FMB sketch shall be furnished. 9. The proposal for green belt activities shall be furnished. 10. The Socio economic studies should be carried out within 10km buffer zone from the mines.
(4)	10. The Socio economic studies should be carried out within 10km buffer zone from the mines. 11. Detailed mining closure plan for the proposed project approved by the Geology of Mining department shall be submitted along with EIA report. 12. The spot level and contour level of the proposed quarry site shall be studied and the same shall be furnished to along with EIA. 13. A detailed report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining for drilling and blasting shall be submitted.
(5)	1. The quantum of mined material used for back filling into the mined out area shall be indicated. The back filling of mined out area shall be carried out scientifically ensuring that the ground water table in and around the mine is not disturbed quantitatively and qualitatively. 2. The comprehensive study shall be carried out to evaluate the impact of mining operations on the environment through expertise in the field of hydrogeology, ecology, mining and environment. 3. EIA study should critically evaluate the impact of transportation of mined material away from the mined area in terms of air pollution, noise pollution and traffic volume.

(6)	4. A detailed report on the green belt developed already in mines operated by the proponent in the same area should be furnished. They should also submit the proposed green belt development activities. 5. The comprehensive study shall be carried out to evaluate the impact of mining operations on the environment through expertise in the field of hydrogeology, ecology, mining and environment.
(7)	14. CER activities should be carried out taking in to consideration the requirement of the local habitants available within the buffer zone as per Office Memorandum of MoEF & CC dated 01.05.2018. 15. Obtain a letter /certificate from the Assistant Director of Geology and Mining standing that there is no other Minerals/resources like sand in the quarrying area within the approved depth of mining and below depth of mining and the same shall be furnished in the EIA report.
(8)	16. Ground water quality monitoring should be conducted for every month and the report shall furnish in the EIA report. 17. EIA report should strictly follow the Environmental Impact Assessment Guidance Manual for Mining of Minerals published February 2010. Detail plan on rehabilitation and reclamation carried out for the stabilization and restoration of the mined areas. 18. The EIA study report shall include the surrounding mining activity, if any. 19. Modelling study for Air, Water and noise shall be carried out and incremental increase in the above study shall be substantiated with mitigation measures.
(9)	20. A study on the geological resources available shall be carried out and reported. 21. A specific study on agriculture & livelihood shall be carried out and reported. 22. Impact on ponds, rivers and other water bodies to be elaborated. 23. Impact of soil erosion, soil physical chemical and biological property changes may be assumed.
(10)	24. The recommendation for the issue of Terms of Reference is subjected to the final outcome of the Honâ€™ble NGT, Principal Bench, New Delhi in O.A No. 186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No.758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Commiittee in its -----
----- th meeting held during ----- to ----- . After detailed
deliberation the commiittee recommended for grant of Environment Clearance
subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee and hereby decided to grant Environmental Clearance for the proposed ----- (Project Name), located at ----- .

(1.) Proposal No. :- **SIA/TN/MIN/38707/2019** File No- **6900**

Type- **TOR**

INTRODUCTION

This has reference to your online application vide proposal no. **SIA/TN/MIN/38707/2019** dated **05 Jul 2019** along with the copies of EIA/EMP seeking Environment Clearance under the provisions of the EIA Notification, 2006 for the above mentioned proposed project. The proposed project activity is listed at S.No **,1(a) Mining of minerals** under Category **B** of EIA Notification, 2006 and the proposal is appraised at Central level.

PROJECT DETAILS

The project of M/s **M/S. TAMIL NADU MINERALS LIMITED** located in as follows :

State of the project			
S. No.	State	District	Tehsil
(1.)	Tamil Nadu	Vellore	Wallajah

Town/Village : **Kodakkal Village, Wallajah Taluk, Vellore District**

The salient features of the project submitted by the project proponent is available at [Report](#) under online proposal no. **SIA/TN/MIN/38707/2019**

DELIBERATION IN EAC

After detailed deliberations, the committee observed:- **The proposal was placed in this 132nd SEAC Meeting held on 25.07.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows: TAMIN applied for fresh grant of quarrying lease for quarrying Black Granite over an extent of 6.00.0Ha in in S.F. No.1193/1(Part-15) of Kodakkal Village, Walajah Taluk, Vellore District, Tamil Nadu State for 20 years. The Government of Tamil Nadu issued the precise area communication letter to**

furnish the approved Mining Plan under Rule, 8-C(3b) of Tamil Nadu Minor Mineral Concession Rules, 1959 vide their No.14438 / MME.1 / 2018-1, dated: 11.02.2019. Accordingly TAMIL NADU MINERALS LTD submitted the Mining Plan for the subject area and the same was approved by Directorate of Geology and Mining, vide their Letter No. 8590/MM5/2017, dated: 18.05.2019. This project pertains to mining of Granite dimensional stone with peak yearly production capacity about 18,015M3 of ROM of Black Granite (1,802M3 of recoverable of granite production). There is no interlinked and interdependent project. The area is located over an extent of 6.00.0Ha in S.F.No. 1193/1 (Part-15) of Kodakkal Village of Government land in Walajah Taluk, Vellore District, Tamil Nadu. The area is marked in the Survey of India Topo sheet No. 570/8. The area lies in the Eastern Longitude from 79°25'22.22" to 79°25'27.88" and Northern Latitude from 13°04'45.02" to 13°04'58.08". The Altitude of the area is above 304 m from MSL. The total area of the project is 6.00.0Ha. It is proposed to produce 18,015 M3 of RoM per annum from which 1,802 M3 of saleable production per annum during the approved Mining Plan period. Reserves: Description RoM (M3) Recovery 5% (M3) Granite waste 90% (M3) Updated Geological Reserves 3,59,600 35,960 3,23,640 Updated Minal Reserves 2,03,519 20,352 1,83,167 During the Scheme Period 90,011 9,002 81,009 ? This quarrying project is to exploit dimensional Granite by opencast semi mechanized method. ? Hydraulic excavators will be used for the development and production in Granite Benches. ? Eco friendly diamond wire saw cutting will be used for splitting and liberation of Granite blocks from the parent sheet mass. ? Transportation of Granite blocks shall be done through road by trailers and trucks. ? There are no specific industries or factories in and around the project area. As there is no processing or beneficiation for extrication granite blocks in the granite quarry site huge amount of water is not required. Water is required for drinking and domestic consumption for labours is around 1.5KLD. The drinking water will be brought from nearby village approved water vendors and Kodakkal Village Panchayat. Toilets will be constructed as permanent structure within the area and sewage will be discharged once in three months. The sewage waste will be collected in soak pit and the sludge will be discharged. No industrial waste will be generated from the project There is no solid waste anticipated. The waste material includes granite waste. The quarrying operation will be carried out during general shift only. Limited Scale of activities entails only negligible power requirements and the same is met from TNEB or from solar light.

RECOMMENDATIONS OF EAC

The committee's recommendation The SEAC noted the following: 1. The Proponent, TAMIL NADU MINERALS LTD has applied for Terms of Reference to SEIAA-TN for the Proposed for Black Granite over an extent of 6.00.0Ha in in S.F. No.1193/1(Part-15) of Kodakkal Village, Walajah Taluk,

Vellore District, Tamil Nadu. 2. The project/activity is covered under Category 'B' of Item 1(a) 'Mining of Mineral Projects' of the Schedule to the EIA Notification, 2006. Based on the presentation made by the proponent and the documents furnished, the SEAC decided to recommend the proposal for the grant of Terms of Reference (ToR) to SEIAA with Public Hearing, subject to the following specific conditions in addition to the normal conditions as part of ToR: 1. A detailed study of the lithology of the mining lease area shall be furnished. 2. Details of village map, a register and FMB sketch shall be furnished. 3. The proposal for green belt activities shall be furnished. 4. The Socio economic studies should be carried out within 10km buffer zone from the mines. 5. Detailed mining closure plan for the proposed project approved by the Geology of Mining department shall be submitted along with EIA report. 6. The spot level and contour level of the proposed quarry site shall be studied and the same shall be furnished to along with EIA. 7. A detailed report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining for drilling and blasting shall be submitted. 8. CER activities should be carried out taking in to consideration the requirement of the local habitants available within the buffer zone as per Office Memorandum of MoEF & CC dated 01.05.2018. 9. Obtain a letter /certificate from the Assistant Director of Geology and Mining standing that there is no other Minerals/resources like sand in the quarrying area within the approved depth of mining and below depth of mining and the same shall be furnished in the EIA report. 10. Ground water quality monitoring should be conducted for every month and the report shall furnish in the EIA report. 11. EIA report should strictly follow the Environmental Impact Assessment Guidance Manual for Mining of Minerals published February 2010. 12. Detail plan on rehabilitation and reclamation carried out for the stabilization and restoration of the mined areas. 13. The EIA study report shall include the surrounding mining activity, if any. 14. Modelling study for Air, Water and noise shall be carried out and incremental increase in the above study shall be substantiated with mitigation measures. 15. A study on the geological resources available shall be carried out and reported. 16. A specific study on agriculture & livelihood shall be carried out and reported. 17. Impact on ponds, rivers and other water bodies to be elaborated. 18. Impact of soil erosion, soil physical chemical and biological property changes may be assumed. 19. The recommendation for the issue of Terms of Reference is subjected to the final outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No. 186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No.758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).

Conclusion

Recommended

Specific Condition

S.No	Condition
(1)	The SEAC noted the following: 1. The Proponent, TAMIL NADU MINERALS LTD has applied for Terms of Reference to SEIAA-TN for the Proposed for Black Granite over an extent of 6.00.0Ha in in S.F. No.1193/1(Part-15) of Kodakkal Village, Walajah Taluk, Vellore District, Tamil Nadu. 2. The project/activity is covered under Category 'A' of Item 1(a) 'Mining of Mineral Projects' of the Schedule to the EIA Notification, 2006. Based on the presentation made by the proponent and the documents furnished, the SEAC decided to recommend the proposal for the grant of Terms of Reference (ToR) to SEIAA with Public Hearing, subject to the following specific conditions in addition to the normal conditions as part of ToR:
(2)	1. A detailed study of the lithology of the mining lease area shall be furnished. 2. Details of village map, a register and FMB sketch shall be furnished. 3. The proposal for green belt activities shall be furnished. 4. The Socio economic studies should be carried out within 10km buffer zone from the mines. 5. Detailed mining closure plan for the proposed project approved by the Geology of Mining department shall be shall be submitted along with EIA report.
(3)	6. The spot level and contour level of the proposed quarry site shall be studied and the same shall be furnished to along with EIA. 7. A detailed report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining for drilling and blasting shall be submitted.
(4)	8. CER activities should be carried out taking in to consideration the requirement of the local habitants available within the buffer zone as per Office Memorandum of MoEF & CC dated 01.05.2018. 9. Obtain a letter /certificate from the Assistant Director of Geology and Mining standing that there is no other Minerals/resources like sand in the quarrying area within the approved depth of mining and below depth of mining and the same shall be furnished in the EIA report. 10. Ground water quality monitoring should be conducted for every month and the report shall furnish in the EIA report.
(5)	19. The recommendation for the issue of Terms of Reference is subjected to the final outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A No. 186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No.758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 &

	M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).
(6)	11. EIA report should strictly follow the Environmental Impact Assessment Guidance Manual for Mining of Minerals published February 2010. 12. Detail plan on rehabilitation and reclamation carried out for the stabilization and restoration of the mined areas. 13. The EIA study report shall include the surrounding mining activity, if any. 14. Modelling study for Air, Water and noise shall be carried out and incremental increase in the above study shall be substantiated with mitigation measures. 15. A study on the geological resources available shall be carried out and reported. 16. A specific study on agriculture & livelihood shall be carried out and reported. 17. Impact on ponds, rivers and other water bodies to be elaborated. 18. Impact of soil erosion, soil physical chemical and biological property changes may be assumed.

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Committee in its ----- th meeting held during ----- to ----- . After detailed deliberation the committee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee and hereby decided to grant Environmental Clearance for the proposed ----- (Project Name), located at ----- .

(1.) Proposal No. :- **SIA/TN/NCP/22790/2018** File No- **6807**

Type- **TOR**

INTRODUCTION

This has reference to your online application vide proposal no. **SIA/TN/NCP/22790/2018** dated **06 Sep 2017** along with the copies of EIA/EMP seeking Environment Clearance under the provisions of the EIA Notification, 2006 for the above mentioned proposed project. The proposed project activity is listed at S.No **,1(a) Mining of minerals** under Category **B** of EIA Notification, 2006 and the proposal is appraised at Central level.

PROJECT DETAILS

The project of M/s **COGNIZANT TECHNOLOGY SOLUTIONS INDIA PVT LTD** located in as follows :

State of the project			
S. No.	State	District	Tehsil
(1.)	Tamil Nadu	Kanchipuram	Tambaram

Town/Village : **Kadaperi Village**

The salient features of the project submitted by the project proponent is available at [Report](#) under online proposal no. **SIA/TN/NCP/22790/2018**

DELIBERATION IN EAC

After detailed deliberations, the committee observed:- **The proposal was placed in this 132nd SEAC Meeting held on 25.07.2019. The salient features of the project are as follows: The SEAC noted the following: 1. The Cognizant MEPZ Campus has been set up with built up area 187962.2Sq.m against 187890S.qm built up area as per the CMDA vide letter No. C3/24239/07, Dated: 30.12.2008 and the built up area 162515S.qm approved in the EC Letter was issued by MoEF&CC vide Lr. No. 21-126/2007-IA.III, Dated: 29.02.2008. The combined additional built up area is 25448.17S.qm(i.e addition build-up area without EC) 2. The total land area of the project is about 58482Sq.m with a total built up area 187963.2Sq.m**

RECOMMENDATIONS OF EAC

The commiittee's recommendation **2. The project/activity is covered under Category 'A' of Item 8(b) 'Townships and Area Development projects' of the Schedule to the EIA Notification, 2006. The proponent was not attended the meeting .Hence the SEAC has decided to defer the above subject.**

Conclusion

For further consideration

Specific Condition	
S.No	Condition
(1)	The SEAC noted the following: 1. The Proponent M/s. Cognizant Technology Solutions India Pvt Ltd has applied for Terms of Reference under violation to SEIAA-TN for the existing Township and Area Development projects at MEPZ campus S.F.Nos. Plot No. A-

	15,16,17(P),B-20,C-1,C-10 and D-2T of Kadaperi village, Tambaram Taluk Kancheepuram District, Tamil Nadu.
(2)	2. The project/activity is covered under Category "B" of Item 8(b) "Townships and Area Development projects" of the Schedule to the EIA Notification, 2006. The proponent was not attended the meeting .Hence the SEAC has decided to defer the above subject.

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Committee in its ----- th meeting held during ----- to ----- . After detailed deliberation the committee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee and hereby decided to grant Environmental Clearance for the proposed ----- (Project Name), located at ----- .

(1.) Proposal No. :- SIA/TN/NCP/38279/2019 File No- 6928	Type- TOR
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INTRODUCTION

This has reference to your online application vide proposal no. **SIA/TN/NCP/38279/2019** dated **26 Jun 2019** along with the copies of EIA/EMP seeking Environment Clearance under the provisions of the EIA Notification, 2006 for the above mentioned proposed project. The proposed project activity is listed at S.No ,**1(a) Mining of minerals** under Category **B** of EIA Notification, 2006 and the proposal is appraised at Central level.

PROJECT DETAILS

The project of M/s **M/S. CASAGRANDE GRACE PRIVATE LIMITED** located in as follows :

Town/Village : **Thalambur**

The salient features of the project submitted by the project proponent is available at [Report](#) under online proposal no. **SIA/TN/NCP/38279/2019**

DELIBERATION IN EAC

After detailed deliberations, the committee observed:- **The proposal was placed in the 132th SEAC Meeting held on 25.06.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:**

1. The project is located at 12°51'02.77"N Latitude, 80°11'51.48"E Longitude.
2. The total plot area of the project is about 59624 Sq.m with a total built up area 191118 Sq.m
3. The project comprises of Combined basement with combined stilt floor and three blocks – Block A with 1-14 Floors, Block B with 1-8 Floors and Block C with 1-6 Floors total number of dwelling units is 1408
4. The green belt area proposed for the project is 8994 sq.m (15% of total land area).
5. The daily fresh water requirement is 648kLD to be sourced from Thiruporur Panchayat Union.
6. Grey water - Wastewater from bathing and household appliances like washing machines will be collected separately. 380kLD of grey water will be let into the grey water treatment system (420kLD). After grey water treatment, 361kLD of treated water will be generated, out of which 341kLD will be used for flushing and 20kLD will be used for gardening.
7. 553kLD of black water generated will be treated in STP of 600kLD capacity, 525kLD of treated wastewater will be generated; out of which, 21kLD will be used for OSR, 11kLD will be used for gardening and 493kLD will be used for avenue plantation.
8. Total waste estimated to be generated is 3650 Kg/day in which 2190 Kg/day is Biodegradable waste, which will be treated in organic waste convertor within the project site mixed with 30 Kg/day STP sludge and then used as manure for landscaping purpose within project site and 1460 Kg/day is Non Biodegradable waste will be sold to recyclers.
9. The proponent is proposed to install D.G set of 4 Nos of 500 KVA to cater the essential load requirement during power failure. The SEAC noted the following:

1. The Proponent, M/s. Casagrande Grace Pvt Ltd has applied for Terms of Reference to SEIAA-TN for the proposed construction of Residential Group Development at Survey Numbers: 139, 140, 141 of Thazhambur Village, Thiruporur Taluk, Kanchipuram District, Tamil Nadu.
2. The project/activity is covered under Category –B of Item 8(b) –Townships and Area Development projects of the Schedule to the EIA Notification, 2006

RECOMMENDATIONS OF EAC

The committee's recommendation **The project proponent gave presentation about the proposal. Based on the presentation made by the**

proponent and the documents furnished, the SEAC decided to recommend the proposal for grant of Terms of References (ToR) (Annexure-II) to SEIAA. The proponent should furnish the following details/particulars in respect of the following additional ToR in the EIA report, in addition to the standard ToR: 1. The project proponent shall furnish the DGPS co-ordinates for the boundaries of the proposed project site. 2. The details of flood management plan shall be furnished considering the project site and the surrounding area, with 2015 flood data. 3. Details of Solid Waste management plan shall be prepared as per Solid waste management Rules, 2016 and same shall be furnished. 4. Detailed Solar energy utilization plan shall be furnished. 5. The rainwater harvesting plan shall be furnished considering the project site and the surrounding area. 6. The layout plan furnished for the greenbelt area earmarked with GPS coordinates by the project proponent on the periphery of the site and the same shall be submitted for CMDA/DTCP approval. 7. Ground water and surface water quality study shall be a part of EIA. 8. Flood Inundation and required management plans shall be obtained from the PWD for the project site. 9. The project proponent shall conduct the Hydro geological study as a part of EIA. 10. The proponent shall furnish the permission/ NOC of water supply from the competent Authority.

Conclusion

Deferred

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Committee in its ----- th meeting held during ----- to ----- . After detailed deliberation the committee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee and hereby decided to grant Environmental Clearance for the proposed ----- (Project Name), located at ----- .