

**Agenda No. 129-12 :**

**(File No. 6057/2018)**

**Existing Multi colour granite quarry, over an extent of 2.21.0 Ha of Patta land, in S.F.No. 885/2, 886/3B, 892/5, 892/7A, 892/7B, 892/9, 892/10 etc., Keela Thiruthangal village of Sivakasi Taluk, Virudhunagar District, Tamil Nadu by Tvl. SQNY Granites – For Environment Clearance .**

**(SIA/TN/MIN/ 33683/2019)**

The proposal was placed in the 129<sup>th</sup> SEAC Meeting held on 17.05.2019 & 18.05.2019. The project proponent gave detailed presentation. The salient features of the project as presented by the proponent are as follows:

**Government order/Lease details :**

**Tvl. SQNY Granites** has been granted quarry lease for quarrying Multi colour granite quarry vide G.O 3(D) No. 39 Industries (MMB2) Dept. dated 27.02.2006, over an extent of 2.21.0 Ha of Patta land, in S.F.No. 885/2, 886/3B, 892/5, 892/7A, 892/7B, 892/9, 892/10 etc., Keela Thiruthangal village of Sivakasi Taluk, Virudhunagar District, Tamil Nadu. The lease deed was executed on 13.03.2006 and the lease period is valid from 13.03.2006 - 12.03.2026 for a period of 20 years.

**Mining Plan/Scheme of Mining approval details:**

- a) The mining plan was approved by the Commissioner of Geology and Mining Guindy, Chennai vide Letter No: 07/MM2/2006 dated 23.02.2006
- b) The first scheme of mining due 2011-12 to 2015-16 period was prepared and submitted to Department of Geology and Mining, Guindy, Chennai.
- c) The second Scheme of Mining was prepared and submitted on 29.11.2016 for the period 2016-17 to 2020-21 belatedly and approved by Department of Geology and Mining, Guindy, Chennai vide Lr.Rc.No.7004/MM2/2018 dated 14.09.2018.

1. The Mining Operation and quantity of Material are as follows:

Years	Top Soil	Proposed Prod. And development (m <sup>3</sup> )				Actual Prod. And development (m <sup>3</sup> )		
		OB	Reject @ 80% (m <sup>3</sup> )	Production @ 20% (m <sup>3</sup> )	Ore: Waste ratio	Production (m <sup>3</sup> )	Reject(m <sup>3</sup> )	Topsoil
2011-12	720	2160	1598	400	1:9.40	25.789	176.890	2100
2012-13	---	---	1920	480	1:4.0	2763.950	6129.213	800.21
2013-14	---	---	2000	500	1:4.0	3250.430	7691.691	1280.5
2014-15	---	---	2040	510	1:4.0	2625.320	5127.251	---
2015-16	720	2880	2016	504	1:9.71	---	---	---
<b>Total</b>	<b>288</b>	<b>5040</b>	<b>9574</b>	<b>2394</b>	<b>1:6.10</b>	<b>8665.489</b>	<b>19125.045</b>	<b>4180.71</b>
2016-17	---	---	1399	599	1:2.33	---	---	---
2017-18	720	1440	1680	720	1:3.33	---	---	---
2018-19	---	---	1750	750	1:2.33	---	---	---
2019-20	---	2880	1785	765	1:2.33	---	---	---
2020-21	---	---	1764	756	1:2.33	---	---	---
<b>Total</b>	<b>720</b>	<b>4320</b>	<b>8378</b>	<b>3590</b>	<b>1:3.73</b>	<b>---</b>	<b>---</b>	<b>---</b>

2. The lessee had not obtained transport permit during the violative period 15.01.2016 – 10.01.2017. The lessee had obtained transport permit of 8665.489 cbm for the plan period 2011-12 to 2015-16.

3. As per the Scheme of Mining for the years 2016-2017 to 2020-2021, the production schedule for the year's states that the total volume of recoverable as 30% of Multi colour granite should not exceed 3590 m<sup>3</sup>.

For 2016-17 - 599m<sup>3</sup>

For 2017-18 - 720m<sup>3</sup>

For 2018-19 - 750m<sup>3</sup>

For 2019-20 - 765m<sup>3</sup>

For 2020-21 - 756m<sup>3</sup>

4. The waste that will be resulting in the mining operation for the 5 years 2016-2017 to 2020-2021 will be 8378m<sup>3</sup> (70% Rejects), Waste-4320m<sup>3</sup> and topsoil- 720m<sup>3</sup>.

5. Open cast method of semi-mechanized quarrying method is adopted to raise the production in this area using Line drilling, smooth blasting and block lifting using cranes. Waste and rejects removal using Hydraulic excavators and tippers combination

  
CHAIRMAN  
SEAC-TN  




6. The applicant is engaging one Hydraulic excavator with 1.7m<sup>3</sup> capacity and two tippers of 15 tones capacity for internal transport of rejects from the working face to the dumps.

The SEAC noted the following:

1. The Proponent, Tvl. SQNY Granites has applied for EC to SEIAA-TN for the proposed Multi colour granite Quarry over an extent of 2.21.0 Ha of Patta land, in S.F.No. 885/2, 886/3B, 892/5, 892/7A, 892/7B, 892/9, 892/10 etc., Keela Thiruthangal village of Sivakasi Taluk, Virudhunagar District, Tamil Nadu.
2. The project/activity is covered under Category "B" of Item 1(a) "Mining of Minor Mineral Projects" of the Schedule to the EIA Notification, 2006.

The SEAC decided that the project proponent has to furnish the following details:

1. The project proponent has already quarried to a depth of 12 m below the ground level and the mining now proposed for a maximum depth on 20 m. Hence, the project proponent has to get a letter from the Director of Geology of mines regarding the details of pervious operation of the mining and date of stoppage of mining.
2. The Director of Geology and Mining has stated that no transport permit was issued to the lessee during the violation period 15.01.2016 to 10.01.2017. There is no clarity about the operation of the quarry from 10.01.2017 to till date.
3. The project site adjacent to the Horticulture land. Hence the proponent requested to obtain the NoC with specific recommendation from Department of Horticulture.
4. Plan for Proper barrier for reducing the Noise level and the report shall be furnished.
5. The project site is located at a distance of 160m from Urinji Kulam pond .Hence the proponent shall furnish the plan to mitigate the impact of quarrying operation in that pond.
6. The proponent shall furnish the detail of existing green belt developed and proposal for the green belt.

It is requested to submit the above said details. After the receipt of the details the project proponent is requested for re presentation before the SEAC.