

Agenda No. 129-04 :

(File No. 6762/2019)

Proposed Quartz and Feldspar quarry, over an Extent of 2.30.0 Hectares, at S.F.No. 103/6 (P) and 104 (P), Patta land, Kedikaval Village, Sankari Taluk, Salem District, Tamil Nadu by M/s Vaigai Minerals- For Environment Clearance
(SIA/TN/MIN/35319/2019)

The proposal was placed in the 129th SEAC Meeting held on 17.05.2019. The project proponent gave a detailed presentation on the salient features of the project and informed that:

1. Government order/Lease details :

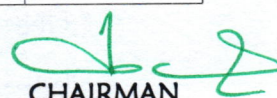
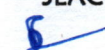
The Additional Chief Secretary to Government, Chennai vide Letter No.: 12728/MMC.1/2018-1, dated 24.12.2018 directed the proponent (M/s Vaigai Minerals) to get approved Mining Plan and Environment Clearance for Quartz and Feldspar quarry, over an Extent of 2.30.0 Hectares, in S.F.No. 103/6 (P) and 104 (P), Patta land, Kedikaval Village, Sankari Taluk, Salem District, Tamil Nadu.

2. Mining Plan/Scheme of Mining approval details:

The Mining Plan was approved by Joint Director, DGM, Chennai vide Roc. No. 2077/MM10/2018/Q&F/Slm, dated 04.03.2019 for a period of 10 years.

3. The following are the production and developmental works to be carried out for 5 years as given in the table below:

Year	Topsoil (MT)	ROM (MT)	Proposed Prod/Quartz @ 20% (MT)	Production /Feldspar @ 70% (MT)	Rejects @ 10% (MT)	Ore to over burden ratio
First	1638	94110	18822	65877	9411	1 : 0.13
Second	6597	94020	18804	65814	9402	1 : 0.19
Third	---	94575	18915	66203	9458	1 : 0.11


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Fourth	---	94635	18927	66245	9463	1 : 0.11
Fifth	---	94620	18924	66234	9462	1 : 0.11
Total	8235	471960	94392	330372	47196	1 : 0.13

4. As per the Approved Mining Plan for a period of 5 years, the total quantity of mineable reserves of Quartz and Feldspar as proposed should not exceed 6,96,420 MT.

Year	Prod/Quartz @ 20% (MT)	Prod/Feldspar @ 70% (MT)
First	18822	65877
Second	18804	65814
Third	18915	66203
Fourth	18927	66245
Fifth	18924	66234

5. The waste that will be resulting for the next 5 years will be Mineral rejects of 47196 MT (10% Rejects) and Topsoil – 8235 MT.
6. Mining operation will be by opencast semi mechanized method with (Jackhammer) drilling and blasting and for loading and transport by Hydraulic excavator and tipper combination.
7. Quartz and Feldspar is to be transported by 2 tippers of 10/15 MT capacity.

The SEAC noted the following:

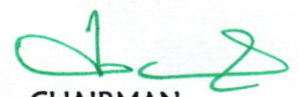
1. The Proponent, M/s Vaigai Minerals has applied for EC to SEIAA-TN for the Proposed Quartz and Feldspar quarry, over an Extent of 2.30.0 Hectares, at S.F.No. 103/6 (P) and 104 (P), Patta land, Kedikaval Village, Sankari Taluk, Salem District, Tamil Nadu.

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

After perusal of the details, the SEAC decided to direct the proponent to furnish the following details:

1. It was reported in the mining plan few habitations and one temple named as Permal temple are located within 300m. Hence, necessary NoC shall be obtained from the habitants and competent authority of the said temple for operating the mines with necessary proof of the habitants and the same shall be acknowledged by the Competent Authority.
2. Proper barrier for reducing the Noise level shall be conducted and the report shall be furnished.
3. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road. The proponent shall furnish the action plan to mitigate the above said issues.
4. Detailed plan to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration.
5. Detailed action plan proposed for mining closure shall be submitted.
6. CER activities should be carried out taking into consideration and the requirement of the local habitants available within the buffer zone an amount of Rs. 50,000 as committed by the proponent as per Office Memorandum of MoEF & CC dated 01.05.2018. The proposal for the CER activities shall be submitted.

On receipt of the above said details, the SEAC will decide the further course of action.


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