

**Scrutiny comments on Review of Mining Plan including Progressive Mine Closure Plan in respect of Rajgarh Emerald mine (ML No 07/1993) over an area of 46.32 hectares near village- Rajgarh, Tehsil- Nasirabad, District- Ajmer submitted by M/s Mining & Mineral Industries under rule 17(2) of MCR 2016 & 23 of MCDR 2017**

1. Mineral Quartz and Feldspar is minor mineral so the mining plan should be submitted only for mineral Emerald. Accordingly the submitted document should be modified.
2. It has been stated that mineral Beryl has been surrendered by the lessee. The copy of the letter for surrendering the mineral has not been enclosed in the submitted document. The letter of acceptance by the State Govt. need to be enclosed in the submitted document. The intimation submitted to the Atomic Mineral Division regarding surrender of Beryl may also be enclosed.
3. The letter of lease period extension up to 21-09-2048 by the state Govt. has not been enclosed.
4. Coordinates of the lease pillars should be authenticated by the State Govt. authority.
5. The mining plan was approved on 29.01.2014 for three years. Thus, the implementation period of mining proposal of mining plan was from 2013-2014 to 2015-16. A review as well as submission of scheme of mining was to be made before 120 days of expiry of implementation period of approved document. Whereas the mining plan has been submitted on 28.01.2017. There is no proper justification for the lapse period. A proper justification for non-submission of scheme should be made.
6. The details of violation pointed out and their compliance during the plan period have not been furnished.
7. The reserves and resources of Emerald needs be estimated as per Mineral Evidence Rules, 2015 along with copy of geological report and prefeasibility report. The various parameters considered should be elaborated and justified as per the MEMC Rules, 2015.
8. The recovery factor of Emerald should be substantiated with the year wise actual production of Emerald reported to the Govt. and total annual excavation made for the current lease period.
9. The size of proposed exploratory pits is not justified. The proper size of the exploratory pit should be given in submitted document.

10. A proper conceptual plan covering basic and long-term design features of the mine including exploration, mine development, optimum exploration and utilization of the mineral, waste handling, reclamation and rehabilitation, afforestation and protective work for environment etc. should be furnished. All the above activities should be furnished year-wise mentioning quantities involved and area to be covered for the ensuing five year period.
11. Plate 7 Environment plan - The entire feature required under the rule including nearby granted leases may also be shown. Exist contours outside the area and within 500m from the lease boundary have not been marked.
12. Existing lithology/rock types in the area has not been marked on the Geological plan and section.
13. Table showing computation of financial assurance area should be given on Financial Assurance Area Plan.
14. Financial Assurance of Rs five lakh should be submitted and it should be coterminous with the time schedule of the concrete proposals for reclamation and rehabilitation of land affected due to mining & allied activities as per rule 27 of MCDR,2017
15. The entire document and plans should be submitted in soft copy by e mail in PDF format. An undertaking may also be given that the documents in hard copy & in soft copy are same.
16. There are certain omissions, deficiencies in the text and plates. Some of them are marked in the text & plates. Some mistakes are noticed in the text. The person preparing the document should ensure proper reconciliation before submitting the final copies.
17. Each and every page should be signed by the person preparing the document.

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