

Scrutiny comments on Review of Mining Plan including Progressive Mine Closure Plan in respect of Sarwar Garnet mine (ML No 14/1998) over an area of 5.0 hectares near village- Sarwar, Tehsil- Sarwar, District- Ajmer submitted by Shri Rajendra Kumar Chaudhary under rule 17(2) of MCR 2016 & 23 (B) of MCDR 1988

1. Mineral Quartz and Feldspar is minor mineral so the mining plan should be submitted only for mineral Garnet. Accordingly the submitted document should be modified.
2. Type of proposed mining method and category of mine has not been given on the cover page of the submitted document. The Cover page is to be modified as corrected.
3. The ID proof and the address proof of the directors of the company have not been given.
4. The submitted document is mentioned as 'Scheme of Mining Plan' instead of 'Review of Mining Plan' in the introductory note. The same should be corrected.
5. Coordinates of the lease pillars should be authenticated by the State Govt. authority.
6. The details of violation pointed out and their compliance during the plan period have not been furnished.
7. The location of proposed exploratory pits has neither been described in text nor has it been marked on Geological Plan.
8. The size of proposed exploratory pits is not justified. The proper size of the exploratory pit should be given in submitted document.
9. Chapter 1(j): The depletion of reserve may be corrected. It should be from mineable reserves.
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. Chapter 8.3: Year wise saplings proposed as 100 saplings per year whereas on page '33' the same has been proposed as 50 saplings per year. The corrected figure should be given in the submitted document.
12. Proposed Year wise Development Plan/ sections has not been prepared on year wise basis as given the text of the submitted document.
13. 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.
14. Minor mineral Quartz & Felspar should be deleted from text and from all the plates of submitted document.
15. Existing lithology/rock types in the area has not been marked on the Geological plan and section.
16. The prominent wind direction has not been shown on the environment plan.
17. Table showing computation of financial assurance area should be given on Financial Assurance Area Plan.
18. Financial Assurance of Rs one 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.
19. 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.
20. 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.
21. Each and every page should be signed by the person preparing the document.

(V.B. Baj)

Assist. Mining Geologist

Indian Bureau of Mines