

Scrutiny Comments on examination of Modified Mining Plan with Progressive Mine Closure Plan of Nad Mine for Wollastonite mineral (M.L.No. 12/98) over an area of 5.0Ha. situated near Village- Nad Tehsil- Pisangan, District- Ajmer Rajasthan submitted by Shri Gaurav Raj Sharma Under Rules 17(3) of MCR,2016.

1. The period of last approved mining plan was up to 2014-15. Hence, present document needs to be submitted an Review of Mining Plan under Rule 17(2) of MCR 2016 for next 5 years (2015-16 to 2020-21) containing proposals for next three year (i.e 2018-19 to 2020-21) as two year already passed. On cover page **it may be clearly mention that lapse period – Two year -2015-16 to 2016-17 and period of the modified mining plan -Three year -2018-19 to 2020-21.** Appropriate changes may also be made in various part of Text. e-mail address and mobile no. may also be updated. The rule 23b(3) of MCDR 1988 may be replaced with rule 23 of MCDR 2017, as MCDR 2017 has been notified.
2. **As per instruction from Ministry of mines dated 12.7.2017, IBM has been hereby authorised to approve mining plan of co-existing minor minerals with Major mineral. In this case feldspar is the co-existing minor mineral with wollastonite; hence proposal for this co-existing mineral may also be incorporated along with the wollastonite. The proposal for co-exiting mineral may be given in all relevant chapters, plans and section. A certificate/ clarification from lessee may be submitted that mining plan for the same period for co-existing mineral has neither approved nor under consideration with State Govt.**
3. In Annexure 1A for lease extention agreement there is no reference of mineral wollastonite is given. In this agreement only mineral feldspar is mentioned, may be clarified and correct copy of agreement should be annexed.
4. Date of consent letter from lessee and certificate from Mining engineer is more than Six month old, fresh should be submitted. The MCDR 1988 has been mentioned in certificate from Mining engineer should be corrected as MCDR 2017 has been notified.
5. In list of annexure the RQP has been mentioned may be change as per rule.
6. At many places in text and plates the reference of MCR 1960 and MCDR 1988 has been mentioned. It may be revised as per new MCR 2016 and MCDR 2017.
7. Khasra map of the applied area marking lease boundary in **different color code**, duly authenticated by State official should be enclosed.
8. Chapter 3-The details of Letter no. and date of last approval is not clearly mention and a copy of approval letter is also not found enclosed.
9. Para 3.3- Review of proposal given in earlier approved mining plan.
 - i Review for 2015-16 and 2016-17 may be included as these years already passed.
 - ii The review of pit development proposed in approved mining Plan and actual position with pit size i.e length, width and depth is not given.

- iii The item no. 3.4 is incomplete regarding status of compliance of violations pointed out by IBM. Status of Violation letter issued by the department on 7/10/15,2.3.2016 and 1.2.2017 with their compliance position is missing.
 - iv The item no. 3.5 – It is mentioned as Nil. The mine was suspended by the department on 29/12/2015. It is to be mention along with its compliance.
10. The item no. 3.6 – The justification to submit the present mining plan under rule 17 of MCR 2016 is not given. The rule mentioned is also not correct.
11. Geology and exploration:-
- i Para 1e The pit is not properly numbered and marked on surface plan.
 - ii he mineral reserves & Resources as per based on level of exploration. i.e G1,G2,G3 & G4 in tabular form is not given The area in hact. covered under G1 and G2 category and remaining area for G3 category may be given separately. The calculation for resources blocked under statutory boundary, under benches beyond UPL should also be given separately. **The necessary correction in reserves and mining chapter and other relevant chapter may be done.**
 - iii The future exploration program is not given exploration. Hence proposal of exploration program for conversion of resources into reserves may be given with shown year-wise on geological plan and section
12. Mining:-
- i Reasons for non-submission of mining plan in time may be furnished as there is no approval proposal for the year 2015-16 and 2016-17.
 - ii The details of all the existing pit with dimension may be given here to know and easy for fresh development proposals.
 - iii The year wise layout of mine workings should also be given in brief indicating year wise working, excavation, development direction, indicating pit no. and supported with grid pattern.
 - iv The proposal for blasting is given but safety measures for blasting with location of magazine and Licences obtained from concerned authority is also not given.
 - V Under list of machineries the name and type of hydraulic loader is missing.
13. Chapter 4.0 Stacking of mineral reject/sub-grade materials. As per guidelines The table regarding year wise generation of top soil, reject, waste etc is not given. The nature and

- quantity of top soil, waste, mineral reject already stack should also be given to access the actual size and shape of proposed dump. The location of proposed dump may be supported with grid. It is stated that quartz and feldspar will be sale, but in lease deed quartz is not mentioned.
14. Para 8.6 of PMCP. As per provision of Rule 27(1) of MCDR 2017, the Financial assurance for category A mines i.e 3.0 lakhs per hectare for the mining lease area put to use for mining and allied activities provided that the minimum amount of Rs. 10.0 lakhs, co-terminus with mining plan period in favour of Regional Controller of Mines, IBM, Ajmer should be submitted in Original with a copy annexed in the documents.
- 15 Plans & sections;-
- i Location plan is not found enclosed with the documents. Hence a rout map showing the route from Ajmer may be given.
 - ii In all the plans and section the more than six month old date of survey is given. Hence, all the plan and section may be updated with fresh survey.
 - iii **Surface plan-** The pits no. is not mentioned as described in text. May be mentioned the pits no. and correlate with text.
 - iv **Surface Geological plan-** In para 1.e of Geology chapter, three pits are mentioned, but in plan only two pits have been marked. for different category of reserves and UPL line different color code may be used.. Index is incomplete. Different zone of proved, probable reserve and other resources have not been marked on plan and section as per UNFC norm..
 - v **Plate no 8- Conceptual Plan-** Proposals as per conceptual chapters needs to be given and shown on plan. Why dump is shown, as all the dump material will be use in backfilling. The fencing is not provided around proposed water reservoir, same may be mentioned in text also, hence, in different colour code all the proposal as per conceptual chapter may show on the plan.
 - vi Plate no 9 –**Financial Area Assurance plan-**The table given for calculation of financial assurance given on plan is not matching and correlate them with actual ground condition and table shown under para 8.6 of PMCP.
- 16 The minor typographical mistakes/correction/omissions marked on the plates as well as text should also be attended carefully.
- 17 All the above maps/plate will be properly colour index & duly attested and authorised persons with date of survey.
