

Scrutiny comments, indicating incomplete details/ information/ inconsistencies/ deficiencies etc., in initially submitted Review of Mining Plan with Progressive Mine Closure Plan (MP) including supporting documents of Bhod Limestone Mine (Lease Area: 13.3748 Ha) of M/s R.R.Minerals in village Bhod, Taluka –Ranavav, District Porbandar of Gujarat Statesubmitted under Rule 17(2) of M(OAHCEM)CR 2016 & 23 of MCDR 2017 for approval period 2022-23 to 2026-27

1. On the title page of excel sheet, its showing that Invalid Signatures. QP should submit the document with valid signatures at all the required places.
2. **Under Chapter 1, Para 1.1:** The status of lessee is mentioned as PSU, which is incorrect Statement.
3. **Under para1.1.1: Initial/subsequent Lease grant details:** The Lease deed execution date and Lease registration date are not filled for the 1st extension of lease.
4. **Under Para 1.3.4.1:** The date of expiry of Environment clearance is not filled.
5. **Under Para 2.2.2.1: Geological Mapping:** The scale of Geological Mapping is not given correctly.
6. **Under Para 2.2.4.12 Calculation of Reserves the depth in meters is not given.** The reserves should be re-estimated based on the UNFC guidelines and proper code should be assigned based on the chemical analysis, supporting parameters and other modifying factors. The provision of MEMC Rule *may be referred*, while estimating the reserves under various UNFC codes. *In the section depth to be given*
7. **Under Chapter 4: In the mining operation the** existing method of mining along with equipment's used should be properly given.
8. The 1st year, 2nd year, 3rd year, 4th year and 5th year may be changed with actual proposal year at para 4.3.4

Chapter 5 – Sustainable Mining

9. 1st year, 2nd year, 3rd year, 4th year and 5th year may be replaced with actual proposal year in all the relevant areas at para 5.2 and 5.3
10. In para 5.2, proposed work and cumulative work done may be mentioned correctly. Data cannot be filled for the future proposed work.

Chapter 6 – Progressive Mine Closure Plan

11. The first year and so on should be replaced with actual years of mining plan proposals, the proposal should commensurate with land disturbed for mining.

Chapter 7: Financial Assurance

12. The new financial assurance should be submitted as per amended Rule 27 of MCDR 2017 as amended on 03.11.21
13. All the details of financial assurance should be mentioned under this chapter as required in the templates.

Chapter 8: Review of Previous Proposals

14. The review of previous proposal should be reviewed year wise as per proposal given in earlier approved mining plan in year wise, wherever there is deviation proper justification needs to be given.
15. No data has been given in the table at para no 8.3.3.1
16. The lease plan/Khasra Plan of the area **showing the boundary pillar coordinates**, authenticated by the State Government should be enclosed showing the lease area and adjoining villages, road etc.
17. The land use pattern given for the calculation of Financial Assurance should be based on the latest survey. The financial assurance should be submitted as required under the provision of Rule 27(1) of MCDR 2017 and should be **coterminous with the mining proposals**.
18. Few photographs showing lease boundary pillar numbers should also be enclosed.
19. Certificate from QP need to be signed with date and places
20. *The copy of Photo ID and other documents should be legible .*

21. **Surface/ Geological Plan:**

- i. The surface plan should be updated based on latest survey, the existing pits to be marked clearly and showing all the existing features properly.
- ii. Index is defective & incomplete; specific colors /symbols need to be used for different features so that features indicated over the plan may decipher from one another.
- iii. Approach road to benches should be marked.
- iv. Category wise reserves have not been marked properly on the plan and sections.

22. **Development Plan:**

- i. Development Plan based on latest survey should be prepared.
- ii. Index is incomplete and defective.
- iii. Proposed haulage road has not been indicated with gradient & litho units.
- iv. Pit positions at the end of each year have not been marked properly.
- v. Approach to propose faces, direction of advancement, slope of faces have not been shown clearly.

23. **Key Plan:** It should show all the features as per rule 32(5)(a) of MCDR 2017. Moreover, type of land available in lease area has not been given. Details of other leases adjoining lease have also not been mention.

24. **Environment plan:**

- i. Land use, contour value 60m beyond the ML area has not been properly prepared and all the surface features including human settlement may be shown, *also the details required under rule 34(A)(3) may be marked.*
- ii. It has not been prepared as per rule 32(5)(b) of MCDR'2017.

iii. The points suggested for modification for key plan & Surface Plan may be taken care for preparing this plate.

iv. ML/PL falling within 500m has not been given properly

v. Hatching should not be done in KML files as in Auto Cad Plans.

vi. KML files should be in sync with Auto Cad files.

vii. Contours & Grids are not necessary in KML Files.

viii. In surface plan Lease boundary is to be shown and distinct features such as pits, dumps, reclaimed area, virgin area, etc., should be marked with different color boundaries.

ix. UPL should be shown in thick line with different color.

25. Financial assurance plan should be prepared as per the guidelines , table of area put to use should also be given.

26. As per Rule 34A(3) of MCDR 2017(As amended on 03.11.2021) Every lessee shall carry out a drone survey of his leased area and upto hundred metres outside the lease boundary within six months before submission of any mining plan document or modification thereto to the Indian Bureau of Mines for approval and shall submit processed output [digital elevation model (DEM) and Orthomosaic] images obtained from such survey or any other format as may be specified by the Indian Bureau of Mines in this regard to the concerned Regional Controller of Mines and the Controller General along with the application for approval or modification of mining plan

27. Plan shall be prepared in auto-cad/ Print in PDF and final submission shall be in KML also with outline, with more live weight on lease boundary/UPL.

28. Geological features to be shown by string of appropriate colours.

29. Prominent surface features to be marked on KML as to check correctness of CAD file.

--XXX--