

Report on Scrutiny of Mining Plan including Progressive Mine Closure Plan in respect of Pundulu Limestone Deposit over an area of 73.33 hectares near villages- Pundulu, Tehsil- Merta, District- Nagaur of Rajasthan State applied by M/S Marwar Cements Ltd., Submitted under rule 16(1) of MCR 2016&23 of MCDR 2017 for fresh grant of mining lease under Major Mineral.

1. Correct address of the applicant should be given with proper documentary evidence because the receipt of mining plan sent to applicant has been return back with postal remark “left.”
2. The rule under which the mining plan submitted is wrongly given in consent letter. Similarly the serial number of the paras should also be corrected.
3. The submission of Progressive Mine Closure Plan is now under rule 23 of MCDR, 2017. Correction should be made on cover page, certificates & in relevant paras of the text.
4. Under preamble chapter, fifth para of page 5, MOEF letter J-11015/78/2007-1A.II(M) dated 14.03.2012 not enclosed with annexure 18.
5. Para 1b, page 7: It is written that the list of board of directors is given as annexure-6, It should be given on proper letter head and should be signed by authorized person.
6. Para 1f, page 8, the word recognized person should be replaced with qualified persons.
7. The letter issued on 18.06.2015(annexure 1A) by State Govt. in the name of M/s Vedanta Industries whereas the name of company has already been changed w.e.f. 12-03-2014 to M/s Marwar Cement Ltd. Please clarify. The letter from State Govt. indicating their intention to grant mining lease in favour of M/s Marwar Cement Limited should be submitted.
8. There are houses, electric line etc. in applied area. Commitment should be made under para 2(b), that the mining in that area will be carried out after getting NOC/clearance from individual/Government.
9. PartA, 1C, page no.15: Under local geology the structural details with trend(Strike & Dip) of litho units should be given.
10. The section wise reserves given in annexure 15.1a-d is not matching with the section given in plate 05. Please check & correct.
11. Nala is passing through lease area but it has not been taken into account while calculating the block resources. Please check and correct.
12. The reserve figures given for different categories like block reserve in table 1.6, indicated mineral resource(332) on page 30 and Prefeasibility Mineral Resource(222) on page 32 differs with the figures given in table 1.10. Hence, the reserve chapter should be redrafted in light of UNFC guideline for better understanding about mineral reserve/resource as well as mineable & blocked reserves.
13. In Chapter 7, the regular medical checkup & other benefits to the miners pertaining to their health should also be proposed in this chapter.
14. All the modifications as suggested above for Mining plan may also be taken care of in relevant Para's of Progressive Mine Closure Plan.
15. The amount for FA should be calculated as per Rule 27 of MCDR, 2017.
16. Annexure 6: List of board of Directors should be given on letter head and signed by the authorized person.
17. Annexure 10A is not legible.
18. Annexure 12: Report of analysis is given in the name of M/s Shankar Laboratory, Delhi. Latest Air, water, soil & rock analysis report of the samples with their location & name of lessee should be submitted.
19. Annexure 14: It was existing mine under minor mineral not the PL area. Hence it should be better to call exploration report instead of prospecting report.

20. The prefeasibility report enclosed as annexure 16 is not as the format prescribed under Mineral Evidence Rule, 2015. Further the operating expenses mentioned in the submitted pre-feasibility report do not account for the recurring expenses towards DMF, NMET and reclamation, rehabilitation measures etc. The capital cost on mine development has also not been accounted in the cash flow statement. This statement needs to be revised to arrive NPV, IRR and payback period.

Plates:

21. In all the plates submitted

- (i) The date of Magnetic meridian as per rule 31(1)(b) of MCDR 2017 has not been marked.
- (ii) The date of Survey given in few plates is very old i.e. before amalgamation of leases. The latest survey date should be given.
- (iii) The wind rose diagram given in Key & environment plan is for the month March to May 2009. The latest survey date should be given.
- (iv) Standard symbol for soil and other litho units should be given.

22. Surface Plan:

- (i) The highest and lowest RLs of the area should be indicated.
- (ii) Surface water drainage pattern with direction of water flow has not been depicted.

23. Surface Geological Plan& Section:

- (i) Bore holes marked on plan but not shown in sections. Similarly the haul road and nala also not marked on the sections.
- (ii) The section wise/bench wise reserves given in annexure 15.1a-d is not matching with the lithounits shown in the sections.

24. Environment Plan: In this plan two type of land i.e. Govt. land & waste land is shown but in surface plan Govt. land and private land is given. Please correct.

25. Conceptual Plan: Details of excavation, reclamation/rehabilitation, plantation etc. for consecutive five years blocksup to lease period have not been incorporated in conceptual mining plan. It should be corrected as per the text.

26. All boundary pillars should be erected, showing their well-defined coordinates.

27. There are minor typographical mistakes/correction/omissions on the plates as well as in text should also be attended carefully.

28. The entire document and plans should be submitted in soft copies by e-mail in PDF format. An undertaking may also be given that the documents in hard copy & in soft copy are same.

29. Each and every page should be signed by the person preparing the document.

Dated
Place Ajmer

(Dr. A.Z.Khan)
Senior Mining Geologist