

Scrutiny comments on Review of Mining Plan for Alanthraiarkattalai limestone mine over an area 4.765ha in Alanthraiarkattalai village of Ariyalur taluk & district Owned by Sri C.R.Balakrishnan under rule 17(1) of MCR, 2016 & rule 23 of MCDR-1988 for the period from 2017-18 to 2021-22

1. General: Erection of boundary pillars are not as per the CCOM circular. All the boundary pillars need to be erected as per the circular and photographs in this regard may be submitted.

2. Para 3.4: The statement of no violation pointed by IBM is incorrect. The violation of rule 13(1) of MCDR-1988 issued on 16.2.2017 need to be discussed under the para.

Part-A

3. Para 1.0(b): The strike length of limestone deposit in the mine indicated as 235m which is less than the working pit should be verified and corrected.

4. Para 1.0(i): Considering the nature of the limestone verity i.e. bedded sedimentary deposit, bore holes at an interval of 100m may be proposed instead of 50m interval under exploration programme as per evidence of mineral content rules-2015.

5. Para 1.0(j&k): The reserve and resource calculation shown in concerned tables should be corrected, as the area back filled by OB in southern side of ML should be excluded for reserve calculation and the same should be discussed in review para. In view of the scrutiny the table nos.17 to 24 need to be corrected.

6. Para 2.0(b): In view of scrutiny on reserve and resource calculation, the year wise tentative excavation table should be redrafted and the proposals should be within the quantity of reserve estimated under unfc code(111). In view of the scrutiny the table nos.26 to 28 need to be corrected.

7. Para 4.0: : The irrelevant statements indicated top soil is red gravelly earth should be corrected, as it is black in color.

8. Para 6.0: The irrelevant statements indicated that "hand sorting of mineral" may also corrected.

9. Para 8.6: Financial assurance should be calculated as the per applicable rule 27 of MCDR-2017 for category -A mine. Accordingly the minimum bank guarantee of Rs.10lakh need to be submitted.

10. All the chapters of PMCP, feasibility report, UNFC report should be reconciled as per scrutiny for the paras of review of mining plan.

Annexures:

11. Few photographs showing the land use of mine including boundary pillars need to be annexed in the report.

12. Copies of valid EC and PC may be submitted.

Plates:

13. All sections may be redrawn on uniform scale i.e. 1:1000 both for vertical and horizontal for better clarity.

14. Plate no.III : The existing pit configuration should show the OB dumped/backfilled on southern side of ML.

15. Plate no.IV&IV-A: In view of scrutiny of reserve and resource calculation, the southern area of ML the sections X2-Y2&K-L to exempted and re-calculated/corrected accordingly.

16. Plate no.V&V-A: The individual yearwise development and production plan need to be prepared instead of composite plan.

17. Plate no.VIII: The name of the mine shown/marked on the northern side may be marked.