

Scrutiny comments on draft Review of Mining Plan &PMCP for Nedumandalam limestone mine over 1.74.5hect in Nedumandalam village Natham taluk of Dindigul district Owned by K.Dhanapal submitted under rule 17(1) of MCR, 2016 & rule 23 of MCDR-2017 for the period from 2017-18 to 2022-23.

Introduction:

1.Period of document mentioned wrongly as 2017-18 to 2022-23 and proposals are made for six years should be corrected for five years period from 2017-18 to 2021-22 and indicated as captive should also be corrected as non-captive as there is no such mention in GO copy or any order issued by the competent authority.

2.Para 2.0(a):Name of the mine should be indicated.

Part-A

3.Para 1.0(d): It is indicated under the para that 2 no of noncore drill holes were drilled and the details furnished should be checked as depth mentioned as 2m-221m is incorrect, whereas under review page 13 indicated as there is no exploration carried out during previous document, also no such bore holes observed except trenches on the southern side of ML.The amount indicated against future exploration programme should be corrected as tentative expenditure.

4.Para 1.0(i):Reserve should be assessed for the limestone band-I i.e.present in the existing pit upto RL224m.The reserve considered for limestone band-II that is shown on south eastern side should be excluded as there is no presence of limestone observed upto 2m depth from surface. The limestone band-II could be considered only based on the results after exploration.

Further, the reserve and resources estimated for limestone band-II under UNFC code 111,121 as per table no6A-6C should be omitted and the table 6D should be completely omitted, as behavior of ore body beyond RL224m is yet to be proved for band-I under exploration. Accordingly, reserve and resources should be redrawn.

5.Para Mining : No of benches in OB and ore and the bench dimensions need to be discussed under the para. As per the guide lines the tentative yearwise excavation should be for 5 years period in Cubic meter to be shown n addition to qty in tonnes of and the excavation should be shown in cubic meters also, with reference dimensions to arrive cubic meter for each year need to be furnished separately.The five years proposed production should be within the estimated reserves under (111)unfc category. The existing pit dimensions need to be corrected under para2d , as the depth RL 224m per the field observations. The tentative production development proposals need to be redrafted inview of scrutiny on reserve and resources in the absence of limestone band/pit-II at this stage.

6. Para 2.0(e):The ultimate pit dimension of pit-II need to be omitted ,the generation of top soil,waste and the table of land use pattern should also be corrected.

7.Para 4&5: In view of scrutiny on reserve and resources in the absence of limestone band/pit-II the generation of mineral reject should be redrafted. Nothing has been discussed under para use of mineral as, mineral is being used for washing powder. Brief details of process of manufacturing need to included.

8.Para8.6: Rule of PMCP should be furnished as per MCDR-2017 and as applicable the rule no 23 need to be mentioned. The bank guarantee amount need to be calculated as per MCDR-2017 as applicable to rule no.27 instead of Rs17,472 as mentioned under the para.

Part-B

9. Annexure I&II: Pre-feasibility report need to be redrafted in view of scrutiny on reserve/resources.

10.Annexure VIII: Chemical analysis report should be from the NABL accredited lab or Govt., lab as per the existing valid guide lines by CCOM,IBM.

Plates

General: Name of the that is mentioned in the submission of returns to IBM need to be indicated/used in the document and on the plates. Adjacent mine on northern side marked wrongly on southern side should be corrected.

11. Plate no. III&IV: Limestone band-II that is shown on south eastern side should be excluded and shown as barren area only. The sections C-D should be omitted and other cross sections related to 1st band-II may be excluded. The reserve resource table need to be corrected.

12. Plate no. IV-A: The sections should be corrected as per the scrutiny on para 2.0 i.e. reserve & resource calculation.

13. Plate no. V: The existing pit dimensions shown in table should be corrected, on the adjacent mine on northern side marked wrongly on southern side should be corrected.

14. Plate no. VI: Development shown on eastern side for the year 2017-18 should be corrected as there is no development & production in this area.

15. Plate no. VI-A&VI-B: Development shown on eastern side for the years 2018-19 to 21-22 should be re-dated as there is no development & production in this side.

16. Plate no. VII: Section C-D and X3-Y3 should be completely omitted. The FA table need to be corrected as there is no additional area involved under mining in plate no. VIII.

17. Plate no. IX: Two mines located on northern and north eastern side need to be shown on the plan with its details and seasons of the wind direction need to be marked.

18. Plate no. X: Conceptual plan and sections should be re-drawn excluding pit-II and its dimensions. Reclamation plan also be corrected accordingly.
