

**Scrutiny comments on MODIFICATION TO THE APPROVED MINING PLAN FOR SOUTH OF SOUTH LIMESTONE MINE PERTAINING TO G.O.(3D).No.76/IND/MMA2/DEPT DATED 13.09.2007 MINE CODE 38TMN24056 - OVER AN EXTENT OF 44.80.5 Ha IN MANAKUDAYAN VILLAGE, SENDURAI TALUK, ARIYALUR DISTRICT. UNDER RULE 17(3) OF MCR, 2016 & RULE 23 OF AMENDED MCDR, 2017.(OFFICE SCRUTINY)**

All tables should be numbered.

1. Top cover page it should be Modification to the approved Mining Plan instead of "DRAFT MODIFIED MINING PLAN".
2. Draft Modified Mining Plan Period 01.04.2020 TO 31.03.2023 should be changed from 01/12/2020 wherever required.
3. Page-8 para3.1- Date and reference of earlier approved Scheme of Mining – details of all earlier approved MP/MMP/MS etc should be given in table with date of approvals.
4. Page-8para 3.2- it has been mentioned that" During the Review of Mining plan period of 2018-19 to 202022-23, we have not obtained approval for modification." The period should be corrected.
5. Page-8-9 para3.3(b) – the balance quantity cannot be taken as the major portion of backlog is from the year 2018-19 hence accordingly the paragraphs should be changed but if the development quantity is required then the same should be given in production and development section for the current year.
6. Page-10 para 3.4 Give status of compliance of violation pointed out by IBM- typical error should be corrected in this paragraph.
7. Page-11 para-3.6 – the reason for modification should be given in this paragraph instead of not applicable as this is modification to the approved mine plan.
8. Page-16 para- d) Name of prospecting /exploration agency- mobile number and email id of the agency should be furnished.
9. Page-17-18-The details of the bore hole logging bottom RL should be mentioned in separate column.
10. Page-19- it has been mentioned that "Geological section is prepared by drawing 5 sections in 1:2000 scale from boundary to boundary" but no longitudinal section line is drawn hence three longitudinal section should also be drawn.
11. Page-32 para-II- Quantity of year wise dump rehandling should be given in tabular form.
12. Page35 para-A- it has been mentioned that" Back filling will be carried out from the third year of the review of mining plan period of 2020-21 to - 2022-23 "which is contradictory to earlier statement hence it should be corrected.
13. Page-33 para-e- it has been mentioned that" During the review of mining plan period of 2020- 2023" since it is modification to the approved mine plan the paragraphs should be corrected wherever required.
14. Page-65 para8.3.1- plan period and paragraphs should be corrected for MMP.
15. Page 66- para 8.3.2- paragraphs should be corrected for MMP.
16. Page-67-69- In table the cost of mining of OB is given in backfilling which is not correct as the excavation of OB does not come under reclamation and rehabilitation. Only OB **re-handling** from dump comes under reclamation and rehabilitation. Hence it should be corrected.

**Plates:- (all plates key plan shown in the top right corner is shown as Tular mine instead of south of south mine which appears to be incorrect. It should be corrected.)**

- 1) Plate-4- At least two section along north-south direction should also be drawn for clarity.
- 2) Plate-4A- the non-lease area should be kept blank for clarity in cross section.
- 3) Plate-4A- longitudinal cross-section line should be drawn.
- 4) Plate-5C- the RL given in between section line ML-03and ML-04 for limestone excavation from 28.5RL to 27 RL is confusing as the original nearby RL is 25.43 and road is 36.84 and also the dip direction is towards 4 degree east whereas the RL in western side is given as 27.35 etc which does not matching with the cross-section of the plan which show as 26 RL . hence it should be corrected. Accordingly all the plates should be checked and corrected in yearwise plan. The text calculation should also be corrected if required.
- 5) Plate-6- separate cross-section for individual years should be given.
- 6) Plate-9- Prominent wind direction should be shown.

### **Annexure**

1. All calculation should be given in excel sheet in CD.
2. All Annexure should be provided with separate colour paper with annexure number written on the colour paper.
3. The .kml file of lease and .shp file should be given in Cd and in mail.