

**SCRUNITY COMMENTS ON ‘DRAFT REVIEW AND UPDATION OF MINING PLAN’ IN RESPECT OF ML No. 2503 OF M/S DUGAR INSULATIONS INDIA PRIVATE LIMITED, OVER AN AREA 4.56 HA, SITUATED IN MUNDUR AND KULUME HOSUR VILLAGES, KRISHANARAJANAGAR TALUK, MYSORE DISTRICT OF KARNATAKA STATE.**

- a. All the headings, subheadings and para nos. should be replicated as per the standard guidelines as given in “*IBM Manual on Appraisal of Mining Plan 2014 in an orderly manner.*
- b. *Tabular information may be given as per the standard guidelines and rest may be produced in the form of text.*
- c. *Necessary information’s as desired in the respective para may only be given.*

**COVER PAGE**

- 1. Name of the mine may be specified on the cover page
- 2. Review & updation of Mining plan including Progressive Mine Closure Plan with the rule No. may be given.
- 3. The submission of RMP under MCR Rule may be corrected.
- 4. Under Category it is to be mentioned as B (Manual)/Opencast/ Private/Captive on the cover page.
- 5. Land status may be given separately.
- 6. Date of grant & date of expiry of mining lease may be given on the cover page.
- 7. The address of the QP may be deleted.

**INTRODUCTION**

- 8. The information given in page No.1 may be incorporated in the Introduction chapter.
- 9. Specific orders/ guidelines or notifications received from the regulatory bodies time to time pertaining to this ML may be discussed in this chapter briefly including Environmental Clearance.
- 10. State wise leases already held may be given as per the format given below:

Lease reference no. & date	Area	Postal address/Location	Type of Mineral	Working/Non working	Status of approval of mining plan	Date of execution and Date of expiry	Remarks

- 11. Table no.2 may be deleted from the introduction chapter.

**GENERAL**

- 12. Para 1(a): In this para, the details like phone no., Fax, Mobile No and E-mail ID of the Managing Director/Nominated Owner may be given.

## **DETAILS OF APPROVED MINING PLAN / SCHEME OF MINING**

13. This chapter is missing. The same may be incorporated in the text after Location & accessibility.

### **PART-A**

## **GEOLOGY & EXPLORATION**

**This chapter may be rearranged as per the standard guidelines as given in “IBM Manual on Appraisal of Mining Plan 2014.**

14. Para 1.0 (a): Brief description on drainage pattern, vegetation, climate & rainfall may be given in this para.
15. Para 1.0 (b): Reference of the topo sheet may be given with reference to location of the lease.
16. Para 1.0 (i): (i) Grids may be mentioned in the future programme of exploration. (ii) As per Rule 12(3) of MCDR, 2017, requires detailed exploration (G1 level) to be carried out over the entire potentially mineralised area under the mining lease, within a period of **five** years from the date of opening of the mine. The same may be ensured and future exploration may be proposed.
17. Para 1.0 (k): Detailed calculation of Reserve estimation based on the recovery factor, bulk density, influence area etc may be furnished.
18. Para 1.0 (l): The depletion of reserves may be given and updated reserve position may be given as on 01.02.2020.

## **MINING**

19. Para 2.0(A)(a): Table no.10 may be deleted from this para.
20. Para 2.0(A)(b): (i) Total tentative excavation may be crosschecked & corrected accordingly in table no.11 in all respects including top soil, OB & mineral reject.(ii) Bulk density & recovery of each of the material handled may be tabulated below table No.11.
21. Para 2.0(A)(II): Since no proposal of dump re-handling is done for the purpose of recovery of mineral, Nil may be mentioned.
22. Para 2.0(c): (i) Year wise, Bench wise, Section wise proposed production & development quantity may be furnished in this para including their locations correlated with table no.11. (ii)The information submitted in para 2(e) may be furnished in this para with necessary corrections, as per comment placed in point no.20 (i).
23. Para 2.0(e): Describe briefly the ground preparation for waste dumping & UPL. Reference to the plan & sections may be given.
24. Para 2.0(f): (i) Land use pattern at the conceptual stage may be furnished. (ii) Survival rate & the proposed cost may be furnished in the table of afforestation.(iii) Backfilling & re-grassification of the entire mined out area at the conceptual stage of mining may be proposed.
25. Para 3.0(b): The mRL of the maximum & minimum depth of working may be given.
26. Para 4.0(b): In this para, brief description of the proposed dumping ground to be proved for presence or absence of mineral and be outside the UPL.
27. Para 4.0(c): The quantity, location along with area may be tabulated year wise for OB & mineral reject. Clear distinction of OB & mineral reject with respect to their qualities may be enumerated.

28. Para 6.0(g): Activity wise breakup of the requirement of water may be given to form a water balance chart which includes water requirement for dust suppression, watering the plants, water for drinking & other purposes.
29. Para 8.3: The proposed location & no. of samples of air, water, noise & soil in the core zone & buffer zone may be given in a tabular form.
30. Para 8.3.5: In table no.19, summary of year wise proposal for PMCP may be furnished.
31. Para 8.6: The area put to use at start of plan period may be cross checked & verified. Necessary corrections may be done accordingly.

**32. PLATES:**

- a) General: (i) Review & updation of Mining plan may be given instead of Modification in Mining Plan in all the plates submitted.(ii) All the plates may be submitted on 1:500 scale as the mines is having small-scale workings.
  - b) Geological Plan & Sections (Plate No. IIB): (i) Area under G-1, G-2, G-3,G-4 & non mineralized may be shown prominently with thick lines & indexed accordingly. (ii) Exploration carried out in the past may also shown in this plate. (iii) Future proposed trial pits may be shown on the geological sections. (iv)Separate plate for geological plans & sections may be submitted.
  - c) Production & Development Plan (Plate No. IIIA & III E): (i) The geology related information may be removed including proposed trial pits. (ii) As discussed during the field visit, the year wise production, mineral stacking, top soil stacking & concurrent utilization and temporary OB dumping may be shown & indexed. (iii) Two distinct benches with the top & bottom RL of each of the bench may be shown in the plan & section. (iv)The proposal of year wise OB dumping may also be shown in the respective section line.
  - d) Reclamation Plan (Plate No.IV): Year wise afforestation details with survival rate, location, area & no of saplings proposed & cost to be incurred may be tabulated.
  - e) Environment Plan (Plate No. V): The proposed location of air, water, noise & soil in the core zone & buffer zone may be marked, tabulated & indexed.
  - f) Conceptual Plan & Sections (Plate No.VI): (i) Backfilling & re-grassification of the entire mined out area at the conceptual stage of mining may be proposed. (ii)Accordingly the conceptual sections may be depicted & indexed.
  - g) Financial Assurance Plan (Plate No.9): Detailed break up of Land Use Pattern of pit, dump, top soil storage, Infrastructure, Green belt, road etc to be given in different colour coding. Revised FA table may be given as per the comment placed at point No.31.
33. The format of the Consent letter/Undertaking /Certificate may not be changed and all the points to be covered including name of the mine, name of the owner.

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