

SCRUNITY COMMENTS ON ‘DRAFT MINING PLAN’ IN RESPECT OF SEDAM MINING LEASE OF M/S DALMIA CEMENTS (BHARAT) LTD., OVER AN AREA OF 995.97 HA. SITUATED IN BIRANAHALLI, AREBOMMANAHALLI, TARANAHALLI, KONKANAHALLI & SHETTIHUDA VILLAGES, SEDAM TALUK, GULBARGA DISTRICT OF KARNATAKA STATE

COVER PAGE

1. Mining plan including Progressive Mine Closure Plan with the Rule No. may be given.
2. Under Category it is to be mentioned as “A” (Fully Mechanised)/Opencast /Captive / Private Ltd. Company on the cover page.
3. The name of the District may be updated.

INTRODUCTION

4. In chronology of the Mining Lease, it is to be mentioned that the mining lease has been granted under the provision of clause (b) of sub-section (2) of section 10A of MM (D& R) Amendment Act 2015. Copy of the same may be annexed as Annexure.
5. Ref. of the consent letter received by the applicant for submission of approved mining plan to IBM from DMG, Karnataka may be deliberated here. Copy of the same may be annexed.
6. State wise leases already held by the applicant 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

GENERAL

7. Para 1(a): In this para, the details like phone no., Fax, Mobile No and E-mail ID of the nominated owner may be given.

LOCATION & ACCESSIBILITY

8. Para 2.0 (b): The number of Topo sheet covering the applied ML area may be verified.

PART – A

1. Geology & Exploration

9. Para 1.0 (f): Reference to the plate No. may be given in this para.
10. Para 1.0 (i): Future exploration proposals given in the document may be aligned as per Rule 12(3) of MCDR, 2017 which 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 after execution of such mining lease. The future exploration proposals may be reviewed accordingly. Year wise meterage with minimum & maximum depth of the proposed core bore holes may be indicated in Table No.5.

11. Para 1.0 (j): (i) The TCF of limestone & for waste considered may be substantiated by the field test report. (ii) Ratio of blending of cement grade limestone & flaggy limestone (upper & lower) may be discussed considering the requirement of cement manufacturing unit.

2. MINING

12. Para 2.0(b)(I):

- (i) All the column's in Table No.14 may be kept as per the standard guidelines as given in *IBM Manual on Appraisal of Mining Plan 2014*''.
- (ii) As discussed, In Insitu excavation table No.14, for top Soil calculation only 30-50 cms from the top of the soil cover must be considered, as the top soil contains all the nutrients. The rest must be considered as Overburden (OB). Necessary correction may be done appropriately based on the above fact in the table & in relevant part of the text & plates. Storage of top soil and its concurrent use may be plotted on their respective plates.
- (iii) Apart from table no.14, another table may be appended giving the figures in tons.
- (iv) TCF of the top soil may also be given.
- (v) In page no.52, next plan period may be mentioned instead of conceptual period.
- (vi) Year wise blending ratio of cement grade limestone & flaggy limestone may be given & tabulated.

13. Para 2.0(c):

- (i) In table no.16, the proposed pit may be designated as pit number.
- (ii) Year wise development & production proposed (table no.17) may be given in two different tables indicating their location (coordinates) & area broken up in addition to the information's furnished.

14. The length, width & height given in table no.17 may be verified with the information's submitted in details of production & development (pg.no.53).

15. Para 2.0(f): The land use pattern may be matched as per the comments given in para. 12(ii).

16. Para 4.0(c): (i) Year wise engineering measures like retaining wall & garland drain proposed to be constructed may be tabulated with their details. (ii) Year wise storage of OB/bund formation may be designated as dump number. The details may be enclosed in the appended table.

Year	Dump No	OB Quantity proposed	(Length*width* height) & Area in Ha	No. of Stages	Level in MSL, Top RL & Bottom RL	Location Coordinates	Slope Angle

17. Para 8.2: Measures may be proposed to mitigate the impact of air quality, water quality (turbidity) & noise when the mine becomes operational.

18. Para 8.3: A table of year wise afforestation may be enclosed giving details like survival rate, area covered, their locations, species proposed to be planted & cost may be given.

19. Para 8.6: (i) Necessary corrections in Table No.31 may be done as per the comment placed under point 11(ii). (ii) Clarification may be given of the village road (1.33 Ha) is a part of the lease area or not. If the village road is a part of ML area, then the area falling under is to be considered for net area calculation.

PART-B

19. PLATES:

- a) Key Map (Plate No.1): The Topo sheet Nos. may be given. Name of the mining companies surrounding the said ML may be shown and indexed.
- b) Geological Plan (Plate No.4): All the areas as per UNFC classification given in the text part may be shown distinctly with different colours. (ii) Area under G-1, G-2 and G-3 may be tabulated and given in this plate.
- c) Production & Development Plan (Plate No.6B- 6E): (i) Advancement of development benches may be kept & shown in order to comply with Rule 13(2) of MCDR 2017. Necessary changes may be done in the text part accordingly. (ii) Top soil stacking area may shown and indexed in year wise proposals.(iii) The proposed engineering measure like construction of retaining wall & garland may be shown year wise in thick with appropriate colours. Technical details of RW & GD may be given in the table.
- d) Production & Development Sections (Plate No.7): Advancement of development benches may be shown & indexed accordingly, aligned to production & development Plan.
- e) Environment Plan (Plate No.10): One water sample may be proposed within the core zone at the pit bottom and the information may be produced in the text part also.
- f) Financial Assurance Plan (Plate No.11): (i) only the outline may be marked for different land particulars and indexed. (ii) All the land particulars to be shown prominently in this plate.
- g) A separate plate showing the statutory dump sections may also be given.

20. Annexure: Following items are required to be annexed with the document:

In Consent letter/Undertaking /Certificate, Point no.3 may be written completely as per the standard guidelines as given in *IBM Manual on Appraisal of Mining Plan 2014*".
