

SCRUTINY COMMENTS ON EXAMINATION OF DRAFT FMCP IN RESPECT OF BBH Iron and Mn-Ore MINE (ML.NO.2346) SITUATED IN OF Chitradurga-DISTT OVER AN OF 102.53 Ha OF M/s Mineral Enterprises Ltd.

Chapter-I:--

1. **Para 1 (Part-A) Introduction:--** The details of Block No-I of ML already auctioned and production & development for current year 2019-20 already achieved have not been discussed.
2. **Para 1.2.3 (Part-C) :--** Date of First Grant of Mining Lease may also be mentioned.
3. **Para 1.4.2 (Part-E) :--** Number of pits proposed for production should also be mentioned.
4. **Para 1.4.3 (Part-E) :--** Gird values of location of Excavation should also be mentioned.
5. **Para 1.4.5 (Part-E) :--** The reasons for deviation in quantity of OB waste generation have not been discussed.
6. **Para 1.4.8 (Part-E) :--** The reasons for deviation in overall stripping ratio have not been discussed.
7. **Para 1.4.29 (Part-E) :--**The compliance status of recent violation letters issued on 21/5/2018; 31/1/2019; 18/3/2019 and 2/1/2020 have not been discussed.

Chapter-II:---

8. **Para 2.1. :---**Copy Relevant page of R & R plan regarding proposed Bio-diversity area and copy letter regarding proposed surrendered of area of Block No. 2 and 3 submitted to state DMG should be appended in support.

9. **Para 2.2:--** The details of exploration carried out i.e. Form I and J including chemical analysis report and outcome of trenches / trial pits **after approval last modified RMP dated 2/7/2018** have not been appended in support.

10. Para 2.3 :-- (i) Iron ore Reserves/ resources table:-- (a) The reserves and resources mentioned should be revised comparing with last approved modified RMP dated 2/7/2018 and in view of no additional exploration carried in Block-I after last approval of document. (b) **Cut-off** grade of estimation of reserves and resources should be as per threshold value of Iron. (c) Bifurcation / Grade-wise quantification of reserves and resources of iron ore in the present document is not appropriate as assessment reported to be made in year 1/10/2016 & not reported in earlier approved documents and without proper data/methodology for bifurcation now. (d) The reserves/resource table should be as per the format.

(ii)Mn ore Reserves/ resources table:-- (i) Cut-off grade of estimation of reserves and resources as per threshold value of Mn-ore. (ii) Confirming that BD and Recovery % considered for assessment Mn- ore based on field test conducted.

(iii) Separate note and justifications should be given for non-assessments of reserves/resources in remaining Blocks Viz. 2, 3 and 5 based on the outcome/ result of pitting/ trenching.

Chapter –III:--

11 **Para 3.1:--** Separate note should be given regarding already achievement of actual production and OB/waste generation, utilization of mineral reject (with their grade) and reasons for deviation in OB/waste generation.

Chapter –V:--

12. **Para 5.1.2. :--** Separate note should be given regarding already auction of Block No-I of ML and requirement of safety & security if any for remaining blocks in terms of rule 26 of MCDR 2016 with supported few photographs of present land-use of all remaining blocks (viz. Block Nos 2, 3, 4 and 5) with incorporating dimension of old workings also. Further, irrelevant mentioning of note of provision of rule of MCR 2016 at page no 34 should be removed.

13. Para 5.1.3. :- Separate note should be given regarding already auction of Block No-I of ML and requirement of afforestation if any all remaining blocks (viz. Block Nos 2, 3, 4 and 5).
14. Para 5.1.7. :- Quantity of waste generated already for year 2018-19 and 19-20 and their location of disposals with grid reference against proposal should be mentioned. Incorporated irrelevant table may be removed.
15. Para 5.1.11. :-:---- All Infrastructure details within ML should be in tabular form with capacity of screening plant details
16. Para 5.1.14:-- This para may be revised as Block No-I of ML already auctioned, employment in other mines of the Company if any and compensation to be paid as per prevailing relevant statutory provisions.
17. Para 5.1.15:-- The priority may be given for already auctioned Block-I for time schedule for closure.
18. Para 5.1.17:--- The Block No-I of ML already auctioned may mentioned. The environmental monitoring and maintenance of existing environmental protective measures should also be discussed.
19. Para 5.2:-- (i) Grid reference of Dump location should be incorporated. (ii) Figure of cumulative area rehabilitated was not matching.

Annexures:

20. Copy of forest clearance has not been enclosed.
21. The details of exploration carried out i.e. Form I and J including chemical analysis report and outcome of trenches / trial pits after approval last modified RMP dated 2/7/2018 have not been appended.
22. Necessary correction should be made in reserves/resource annexure as per scrutiny comments at **para 2.3.**
23. Enclosed feasibility Study Report should be signed by QP.

Plates:--

- 24. Plate No 1**(Key Plan):---(i) Wind rose diagram and table of list of villages in buffer zone, their direction & population have not been incorporated. (ii) Environmental monitoring stations have not been marked.
25. **Plate No-2** (Surface Plan): Co-ordinates of all corner BPs has not been incorporated.
- 26. Plate No 3**(Geological Plan):--- Recent Trenching/pitting carried out in Block No 2 to 5 have not been marked.
- 27 **Plate No 4**(Geological sections) :--Necessary modification as per scrutiny comments at **para 2.3**
28. **Plate No 6 and 7**:--Actual achievement of Production & development in plans and section for year 2018-19 & 2019-20 already made should be mentioned in index as date of survey on 6/11/2019.
29. **Plate No-11**:-- Non-requirement of proposed dump area for present plan period may be mentioned at index properly.
