

**Scrutiny Comments on draft ‘ Review and Updation of Mining Plan’ in respect of Rajapur Iron Ore Mine of M/s KM Parvathamma., ML No. 2514, covering 24.82 Ha of area in Rajapur Village, Sandur Taluk of Ballari District, Karnataka State.**

**COVER PAGE:**

1. Under Category, it may be given as A-FM/Opencast/Individual/Non captive/Private.

**LOCATION AND ACCESSIBILITY:**

2. Para 2.0(a): Date of initial grant of mining lease may be given.
3. Para 2.0(b): (i) Status of land as per CEC may only be given. (ii) Details of the existence of public road/railway line may be given.

**DETAILS OF APPROVED SCHEME OF MINING:**

4. Para 3.3: (i) Year wise proposal & actual citing the reason for deviation may be given in a tabular form for exploration, production & development. (ii) In table no.8, under check dams, the progress of LBCD may be furnished.

**PART-A: GEOLOGY & EXPLORATION**

5. Para 1.0 (e): (i) Grids may be given in table no.10 & 11. (ii) Under details of sample analysis, total no of samples given, name of the NABL accredited laboratory along with their findings may be enumerated in brief.
6. Para 1.0 (i): (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.(ii) More no of boreholes may be proposed with in the ML area to know the lateral & vertical extent of the mineralization.
7. Para 1.0 (j): (i) The area under G-1, G-2, G-3 and G-4 may be given in a tabular form based on the exploration carried out in the past. The same may be shown in the Geological plan and sections as well. (ii) Reserve & resources of BHQ may be updated in table no.14. (iii) Bulk density & recovery factor of each of the material handled in the mine given in this para may be supported by field test report from NABL accredited /Govt. authorised Laboratory.(iv) Ratio of Lumps to fines may be discussed in brief.
8. Para 1.0 (k): The quantity of waste generated against each section may be crosschecked & corrected.

**MINING-OPEN CAST WORKING:**

9. Para 2.0 (b): year wise, section wise production & development calculation may be furnished in this para instead of annexure.
10. Para 2.0 (c): (i) Pit no. may be given where workings are proposed.(ii) In table no.26,mRL may be corrected for the year 2023-24.

11. Para 2.0 (f): (i) It is to be ensured that the Environment protective measures are aligned with the approved R & R Plan. (ii ) Re-grassification of the entire mined out area including dumps at the conceptual stage of mining may be proposed & few sections of the same may be given. (iii) The area under mineral storage & infrastructure given in table no.37 may be reviewed & corrected.
12. Para 3.0 (b): The minimum depth of working mentioned may be corrected.
13. Para 3.0 (d): Details as approved in the R & R plan to prevent & arrest solid wash off may be given in this para.
14. Para 4.0 (b): In this para, it has been mentioned that the dumping ground is proved for absence of mineral & is outside the UPL. The same may be supported by bore hole datas & discussed briefly.(iii) OB dump (ID-1 & ID-2) falls within the UPL. Clarification may be given in this regard.
15. Para 6.0 (g): Water balance chart may be furnished.
16. Para 8.2 (i): In this para, the land use pattern at the end of plan period may be furnished and discussed in brief.
17. Para 8.3.1: Mitigation measures for air, water, noise, vibration & land degraded may be given.
18. Para 8.3.5: Year wise proposed protective measures for R & R works may be furnished as per the approved R & R plan.

**Plates:**

- a) Geological plan & sections (Plate No.II/a): This plate may be re attended as per the comments placed at sl no.6 & 14 & corrected.
- b) Reclamation Plan (Plate No.IV): Existing & proposed environment protective measures as per approved R & R plan may be shown & indexed accordingly.
- c) Conceptual Plan (Plate No.VI): (i) Land use pattern at the conceptual stage of mining may be shown in outlines & solid fill colours. (ii) Few more sections of conceptual stage mining may be drawn. (iii) Re-grassification of the entire mined out area at the conceptual stage of mining may also be proposed & shown.
- d) Financial Area Assurance Plan (Plate No.13): Detailed break up of Land Use Pattern of pit, dump, Infrastructure, Green belt, road etc to be given in outlines & with different colour coding. Point no.28 may be referred and corrected accordingly.

**Annexure:**

- a) Approved R & R plan may be annexed.

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