

**‘SCRUNITY COMMENTS ON ‘DRAFT MODIFICATION TO THE APPROVED MINING PLAN’ IN RESPECT OF NANDI IRON ORE MINE (ML NO. 0005) OF M/S JSW STEEL LIMITED, OVER AN AREA 21.03 HA. SITUATED IN MALAGOLLA VILLAGE, SANDUR TALUK, BALLARI DISTRICT OF KARNATAKA STATE**

**COVER PAGE**

1. Proposed plan period & modified plan period may be given.

**INTRODUCTION**

2. It is to be clearly stated that no mining operation to a tune of 0.8 million tons/ Annum will be carried out until Environment Clearance for the same is obtained.

**DETAILS OF APPROVED MINING PLAN**

3. Para 3.3: Reasons for deviation in Exploration, production and development may be given.

**GEOLOGY & EXPLORATION**

4. Para 1.0 (j): Since part of the ML area falls in safety zone of the Kumar swamy temple, the reserves & resources may be re-estimated & reclassified as per UNFC & necessary corrections may be done at all places in the text & plates.
5. Para 1.0 (k): (i) Detailed calculation of reserve/resource furnished in table no.17, 18 & 19 may be reviewed based on comment no.4 placed above. (ii) Bulk density & recovery considered for each type of material handled may be discussed & supported by report of NABL accredited laboratory/Govt authorized agency. (iii) Lumps & fines ratio may also be discussed.
6. Para 1.0 (l): Reserves & resources given in table no.21 & 22 may be updated based on the comments of 4 & 5 as on 01.02.2020.

**MINING**

7. Para 2.0(c): Table no.32 & 33, details of working/details of temporary dumping may be aligned with the information furnished in year wise production & development description. The same may be cross verified from the production & development sections as well.
8. Para 2.0(e): (i) Para no. may be corrected. (ii) Justification for disposal of OB temporarily with UPL & over the mineralized area may be discussed. Reference to the plan & sections may be given.
9. Para 2.0(f): Steps & measures proposed to be taken to reclaim the mining lease area including re-grassification at the conceptual stage of mining may be enumerated in brief. Few sections of the same may be enclosed as plates.
10. Para 8.2: Environment monitoring station of air, water, noise, soil & ground vibration within the core zone & buffer zone may be tabulated & frequency of monitoring may be given.

## 11. PLATES:

- a) Key Map (Plate No.1A): Approach road to the mining lease area may be marked & indexed.
- b) Surface Plan (Plate No.3): The area falling under safety distance of kumar swamy temple may be shown & indexed.
- c) Production & Development Plan (Plate No.6a-6c): (i) The 1<sup>st</sup> year production & development plan should be aligned with surface plan & from 2<sup>nd</sup> year onwards with the previous year proposal showing the updated position of the previous year.(ii) Mineral stacking area may be marked & indexed.(iii) Plate no. for the year 2022-23 may be corrected as 6c instead of III/C.
- d) Production & Development sections (Plate No.7): Top RL & bottom RL of workings including number of benches may be cross verified with the information's given in the text.
- e) Financial Area Assurance Plan (Plate No.10): Mineral stacking area may be properly highlighted.
- f) Conceptual Plan (Plate No.11): Re grassification may be shown in the conceptual stage of mining in addition to the plantation in this plate & sections.

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

- Permissible annual production limit of 0.8 million approved by CEC may be enclosed.
- In Experience certificate of Qualified Person, at least 05 years working in the supervisory capacity may be attached as Annexure XI.
- Chemical analysis report from NABL accredited laboratory may be enclosed for 10% of the total samples.
- In the Consent letter from the lessee & Certificate from Qualified Person modified Mining Plan may be written in place of mining plan.
- Few Ground vibration reports may be annexed.

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