

Inspection report on the Review of mining Plan submitted by M/s Mining resources India Private Limited for it's Muddavaram Iron Ore Mine (6.293 HECTARE) located in village Muddavaram, Bethamcherla Mandal, District Kurnool

1. In the key Plan north should be marked as per the toposheet.
2. Comment, whether any order has been issued regarding lapsing of lease as per provisions of MCR 2016 from the State Government.Review of Mining Plan
3. In the review of exploration it has been submitted that lessee had undertaken 10 core drillings but it's result has not been discussed.
4. In para 3.4, the status of compliance of violation need to be recorded.
5. In para 3.5, clearly submit the status

Part A

Geology

6. In para regarding local geology, last paragraph, it has been written that the average grade of Iron is 45-49% fe. Please clarify whether this is the Grade of the ROM in mineralized zone.
7. The broad mineralized zone be discussed clearly stating the recovery as per recovery test undertaken. Submit the grade of ROM found in recovery test and the Fe % /grade of recovered material and in the waste.
8. In the Geological plan the reef ore indication on the plan has not been marked. Further it is also required to give the proposal for delineating the said body. The occurrence of reef should be discussed at appropriate place in the document.
9. Comment clearly the occurrence of yellow ochre in the matrix marked as yelooow ochre in the plate.
10. The drilling technique for exploration need to be discussed in light of past information on the drilling data.
11. In light of the above point reserves/ resource need to be coded and assessed correctly along with grade as per MEMC Rules .

Mining

12. The proposal for drilling and blasting is not justified for a float ore type deposit. Hence be corrected.
13. Yearwise status of number of benches, their floor RL etc be submitted.
14. The data submitted in table-26 regarding SB, ROM, Waste is either be corrected. This table is for unprocessed mineral information.
15. As per the returns submitted there is a closing balance of iron ore in mine. This has been marked on the plate, however during the mining/dump handling, recovery factor has been applied, which needs to be clarified.
16. The garland drain and retaining wall be proposed where it serves it's purpose.

17. The processing of mineral proposed in the lease area be discussed in detail in para 6.0(a). The remaining data is not useful. Also comment whether the recovery factor as assessed by you for reserve calculation is applicable for the mechanized operation as well.
18. The conceptual exploration proposed need to be justified along with the drilling technique for the purpose .
19. Clarify as how the dump and stock quantity has been assessed. It should be properly justified

Progressive Mine Closure Plan

20. The base line data is required to be generated either as per MoEF Guideline. However the same has not been done accordingly.
21. In para 8.3, progressive Reclamation plan: proposal regarding retaining wall, garland drain, additional plantation yearwise need to be demarcated correctly.
22. The land put to use need to be assessed correctly and Financial Assurance be submitted accordingly.
23. If due to aforesaid changes, the data in other chapter or plates changes, they may please be done accordingly and ensure the consistency of the data submitted in various chapters of the document.
24. Unnecessary and incongruous annexures be checked and removed.