

**Discrepancies observed in the Mining Plan along with Progressive Mine Closure Plan of Manegaon Iron Ore Mine (Area-17.56 hect.) of M/s Jayaswal Neco Industries Limited, located in Tehsil Amgaon, Distt. Gondia (Maharashtra), submitted under Rule 16(1) of MCR, 2016 inspected by the undersigned on 25.06.2016**

**Field Observations:**

1. During inspection it was observed that major part of the applied lease area is close to the area under active cultivation. Thus suitable proposals and protective measures to avoid land degradation due to mining activities need to be discussed.

**Text and Plates:**

1. As per new MCR'2016, document should be submitted under Rule 13(1) in compliance to Rule 16 of the said MCR'2016.
2. At places in the document "RQP" has been referred. Instead of RQP, person qualified as per Rule 15 of MCR'2016 should be mentioned.
3. All the plates need to be submitted giving status of exploration as per the Mineral (Evidence of Mineral) Content Rules'2015.
4. Annexure-3 should be re-submitted correcting the statement 'when an authorized agency is approved by the state govt' because in Maharashtra, agencies are already authorized by the state govt. for compliance of CCOM circular 2/2010.
5. Copy of the Central Govt. approval granted under Section 5(1) of MMDR Act should be enclosed.
6. Annexure-18 is not pertaining to the applied area and fresh FA needs to be submitted prior to execution of mining lease.
7. Details of 'Prospecting' done in the area alongwith compliance of MCDR'1988 should be given under chapter 3.
8. As given in item (e)(i), there are 6 nos. Of old trial pits in the area, but during no trial pits have been shown in any plate. Further, one trench was seen during site inspection in the western side of the area which also has not been shown in the plates.
9. As per the statement mentioned in the last line on page no. 14, there was no adjacent area under mining observed during site inspection and also no adjacent area under excavation has been shown within 500 m radius in the Environment Plan. Further, as per item (ii) on page no. 15, no data pertaining to the exploration done in the applied area is available with the lessee. In such case, what is the source of resources estimation for the area? Furthermore, as per the table given for grades of iron ore, on page no. 15-16, how in-situ samples have been collected without any exploration work done by the lessee?

10. Reserves/resources need to be estimated afresh and not as per the given procedure in the document by deducting the resources of 19.78 ha area from 37.44 ha area. Reserves should be estimated as per the exploration done and geological studies for the area based upon the exposures, occurrences etc as per the Mineral (Evidence of Mineral) Content Rules'2015 and should be suitably supported by pre-feasibility study report. Further, all the proposals need to be modified accordingly.
11. Dip as shown in the Geological plan and sections should be supported by relevant data. Further, in the absence of relevant data, depth persistency and lateral continuity of the iron ore vein needs to be discussed.
12. Fresh pre-feasibility report/ feasibility report needs to be submitted for revised resources position and revised working proposals giving cash flow and IRR for the project.
13. Bulk density should be clearly mentioned for all litho units.
14. Pit bottom at the end of proposals for each year and ultimate pit limit should be discussed and shown on relevant plates.
15. Conceptual plan should be discussed as per the guidelines in this regard and ultimate land use of the area should be discussed giving generation of waste, top soil and their management, sub-grade dumps position and its utilization & afforestation etc. upto the life of the mine. Suitable corrections should be made in the plates accordingly.
16. Environmental monitoring of various environmental parameters need to be discussed alongwith the locations of monitoring stations. This should also be shown on relevant plates.
17. Socio-economic impact of mining on the local people pertaining to their livelihood should be discussed and engagement of local people should be given approximately.
18. Khasra map authenticated by state govt. in original should be submitted.
19. **Lease Plan** In case of fresh grant of mining lease a precise area demarcation map demarcating with survey nos./Khasra nos. as well as longitude & latitude on survey of India toposheets/maps to be indicated. Details of recommended area to be given with geo-referenced co-ordinates (to be certified by State Govt. preferably with ground control points).
20. **Environment Plan**: A clear plan should be submitted showing clearly and correctly the entire surface features within 500 m radius from the applied area.
21. **Reclamation Plan**: Should be re-submitted as per guidelines.