

**Table scrutiny comments on Review of Mining Plan of Shri Sivasankar Manganese Mine of M/s Shri Bajrang Power & Ispat Ltd. over an area of 3.95 hectares in Garividi village, Garividi Mandal, Vizianagaram district, Andhra Pradesh.**

**General**

1. Mine code be mentioned in the lessee details in page no.6.
2. As per the G.O.Ms No.233 dated 30.10.2009 it is stated that lease period is upto 26-09-2020. Status of lease as per section 8A (3) of MMDR Act amended in 2015 may please be submitted.
3. Color photographs should be enclosed in the document for easy reference pertaining to dump, afforestation, core logs, ground control points etc.
4. The boundary pillar coordinates certified by the state government shall only be annexed.
5. The boundary pillar surveyed using DGPS for its ground position authenticated by State Government shall be submitted.
6. The document shall be submitted as per the chapters mentioned in the IBM manual on appraisal of Mining Plan 2014.

**Review of Mining plan**

7. Afforestation details of area and quantity of plantation carried out shall be submitted correctly w.r.t proposal made in the previous approved mining plan.
8. Proposed area put to use as per the earlier approved Mining Plan shall be submitted correctly.
9. Area reclaimed is different w.r.t to the reclamation area proposed in the approved Mining Plan.
10. The quantity of overburden generated during the plan period is different w.r.t earlier submission. Clarify it.
11. Sub-grade mineral and mineral rejects generated during the plan period shall be submitted.
12. Status of compliance of violations pointed out by IBM shall be submitted correctly.

**Geology and Exploration**

13. Waste dump was existing as per the earlier submitted plan where the borehole BCD-19 & BCD-20 drilled. Clarify it.
14. Notice of drilling boreholes in Form-I and records of the boreholes drilled in Form-J were not submitted to this office for the boreholes drilled during the earlier approved plan period.
15. Axis wise UNFC classification of Resources/Reserves to be justified. Area explored under different level of exploration need to be marked on the geological plan and UNFC code for area considered for different categories of Reserve/Resources estimation may also be marked on geological cross sections.
16. Proposal to carry out detailed exploration (G1 level) over the entire potentially mineralized area under the mining lease to be submitted.
17. All the existing exploratory inputs need to be demarcated in the geological plan and geological sections. The Geological plan and Geological cross section are not in corroboration with each other. Proposed exploratory input locations need to be demarcated in the Geological Plan and the index needs to be submitted correctly in the Geological Plan.
18. Details of the Resources and Reserves in the lease area shall be submitted as per the format mentioned in the IBM manual on appraisal of Mining Plan 2014.
19. Resources below cut off grade and above threshold value should also be estimated and furnished.
20. Feasibility study report along with financial analysis for economic viability of the deposit as specified under the UNFC field guidelines may be incorporated.

**Mining**

21. Yearwise proposed area of production and its co-ordinates shall be marked legibly in the plans submitted and the same shall be captured in the text also.
22. Proposal of Number of pits, number of benches, maximum working depth shall be submitted.
23. Yearwise tentative excavation shall be submitted as mentioned in the IBM manual on appraisal of Mining Plan 2014.
24. Yearwise tentative tonnage of ore proposed to produce shall be submitted.