

SCRUNITY COMMENTS ON ‘MODIFICATION TO THE APPROVED REVIEW AND UPDATION OF MINING PLAN’ IN RESPECT OF HARAGINADONA IRON ORE MINE (ML NO. 2352) OF SRI. ALLUM PRASHANT, OVER AN AREA OF 76.63 HA SITUATED IN HARAGINADONA VILLAGE, BALLARI TALUK, BALLARI DISTRICT OF KARNATAKA STATE

All the headings, subheadings should be replicated as per the standard guidelines as given in “*IBM Manual on Appraisal of Mining Plan 2014*”

COVER PAGE

1. Name of the document to be corrected as ‘Modification to the approved Review and Updation of Mining Plan’ at all places in Text, plates, undertaking, certificates and wherever applicable.
2. Original period of the approved Mining Plan and proposed modification period to be mentioned clearly in the cover page.
3. Lease area in Ha and area in Forest /Non Forest must be given in the cover page.
4. Owner of the land: Revenue Department, State Government from the cover page may be deleted and mentioned in the introductory note.
5. Under Category it is to be mentioned as A (Fully Mechanised)/Opencast/ Private/Non Captive in the cover page.

INTRODUCTION

6. The enhanced production limit of 0.127 Million TPA of Iron Ore & 0.191 Million TPA of MMIO has been revised by CEC dt 04th April 2018. Hence reference of the revised production limit may be given along with the revised letter, to be enclosed as annexure.
7. State wise leases already held by the applicant/ applied for indicating type of minerals, area, location etc. to be furnished in the appended table.

Sl No	Lease reference no. & date	Area	Postal address/location	Type of minerals	Working /Non working	Status of approval of Mining Plan	Date of execution & dt.of expiry	Remarks

GENERAL

8. Para 3.3: Review of the afforestation done against the proposal may be given in a tabular column with survival rate.
9. Para 3.4: (i) The date of the violation letter issued by IBM may be verified & corrected.(ii) In page 8, in reply to Rule 46 (c),appointment of Mine Manager to IBM may be referred here.

PART – A

Geology & Exploration

10. Para 1.0(a): In this para, brief description of the topography, drainage pattern, vegetation, climate and rainfall data of the ML area may be given.
11. Para 1.0(d): The name of the exploration agency may be given instead of name of the lessee.
12. Para 1.0 (e): (i) Complete chemical analysis for entire strata for all radicals may be undertaken for selected samples from NABL accredited Laboratory, covering at least 10% of the total samples.(ii) The borehole logs reports enclosed as Annexure-9 & 10 are of previous years. Latest analysis report as mentioned in this para may be enclosed.
13. Para 1.0 (i) As per rule 12 (4) of MCDR 20117,entire potential mineralized area must be explored to G1 level with in a period of five years .Justification is desired on this aspect.
14. Para 1.0(j): In the previous approved document, MMIO was considered as waste & now in the documents MMIO has been taken into account for estimation of mineral reserve/Resource. In light of above, the proper justification may be given along with supporting reports.
15. Para 1.0(k): Annexure no. of Feasibility report enclosed may be corrected.
16. Para 1.0(l): Depletion of reserve may be given wrt Table no. 16.

Mining

17. Para 2.0(b): (i) Revised letter given by CEC dt 04th April 2018 may be referred in this para. (ii) In Table No.24 & Table no.25, Block no may be mentioned. (iii) Annexure no of details of year wise development/ production calculation may be corrected. (iv)The tonnage conversion factor (TCF) or Bulk density and recovery factor of each of the material handled in the mines may be established on time series or substantiated by study report. (v) Percentage recovery of Iron ore & MMIO may be given.
18. Para 2.0 (d): (i) the diameter of the drilling machine may be given. (ii)The calculation for adequacy and type of equipment proposal given for excavation may be reviewed and justified accordingly considering the total ROM handled & bucket capacity of the excavator.
19. Para 2.0 (e): In this para the details of overburden/waste disposal wrt UPI may be given.
20. Para 3.0 (d): The arrangements made and proposed for arresting the solid wash off may be given.
21. Para 5.0 (a): Utilization of +35-45% Fe to be discussed, since it is considered under reserve category.
22. Para 5.0(d): The physical & chemical specifications stipulated by buyers in case of MMIO may be given.
23. Para 6.0(g): The activity wise requirement of water in mining and sources of supply may be given. Water balance chart may also be given.
24. Para 8.3: In Table no.41, year wise reclamation & rehabilitation proposals may be given.
25. Par 8.6: The FA table no.42 may be checked & verified with respect to different heads and additional area required.

PART-B

PLATES:

- a) Geological Plan (Plate No. II/b): The area under G1,G2 & G3 may be shown & tabular column inserted.
- b) Production & development Plan (Plate No.III/a-III/c): The waste dump proposed to dump in A & B Block may be proved for non mineralized area or may be marked as temporary dumping.

- c) Environment Plan (Plate No. V): (i) this plan may be submitted on 1:2000 scale. (ii) Environment monitoring stations may be established in the buffer zone and marked in the plate. The same may be reproduced in the text part as well. (iii) Protective measures for waste dump in B Block may be highlighted properly & tabular column affixed in the plate.
- d) Conceptual Plan (Plate No.VI/a): In the conceptual section backfilling is shown but not accounted in the conceptual land use pattern. Similarly water catchment area is shown in the conceptual land use pattern but not visible in the section. The same may be corrected.
- e) Financial area Assurance Plan (Plate No.VII): Detailed breakup of the area to be marked on the plate with outlines in different colours.

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

- a) Explosive licence copy may be enclosed.
- b) The chemical analysis report of MMIO may be enclosed.
- c) Feasibility report may be rechecked in the light of utilization & upgradation of MMIO.
- d) CEC letter issued dated 04th April 2018 on revised PAP may be annexed with Annexure No.3.
- e) Latest analysis report of the Exploration drilling done in March may be annexed.
