

SCRUNITY COMMENTS ON ‘DRAFT MODIFICATION IN THE APPROVED REVIEW AND UPDATION OF MINING PLAN’ IN RESPECT OF JOHN MINES (ML NO. 2294) OF M/S SRI R PRAVEEN CHANDRA, OVER AN AREA 42.13 HA. SITUATED IN MEGALAHALLI, TANIGEHALLI & CHOWDENAHALLI VILLAGE, CHITRADURGA & HOLALKERE TALUKS, CHITRADURGA DISTRICT OF KARNATAKA STATE

- a) All the headings, subheadings and para nos. should be replicated as per the standard guidelines as given in “*IBM Manual on Appraisal of Mining Plan 2014 in an orderly manner.*”
- b) *If any of the para is not applicable, the same may be written as not applicable.*
- c) *Each Chapter may be started in a fresh Page.*

COVER PAGE

1. The name of the document may be given as “Modification to the approved Review & Updation of Mining Plan including Progressive Mine Closure Plan” at all places in the text & Plates.
2. The submission of PMCP under Rule 23 of MCDR, 2017 may be given.
3. Date of grant & Date of expiry of Mining Lease may be given on the cover page.
4. Under Category it is to be mentioned as A (Fully Mechanised)/Opencast/ Individual/Forest/Non Captive on the cover page
5. Original Plan period & Modified Plan Period may be mentioned

GENERAL

6. Para 1(c): This para is missing & numbering of the below para may be corrected accordingly.

DETAILS OF APPROVED MINING PLAN/MINING SCHEME

7. Para 3.1: The information on approved MP/SOM may be furnished in a tabular column since the inception of the mine indicating the approval letter no., date of approval, MP/SMP/RMP/Modification, plan period and remarks if any.

GEOLOGY & EXPLORATION

8. Para 1.0 (e): Details of exploratory boreholes like type of borehole, diameter, collar level, spacing, depth, inclination & their grids may be furnished in this para.
9. Para 1.0 (i): As per Rule 12(3) of MCDR, 2017, requires detailed exploration (G1 level) to be carried out over the entire potentially mineralised area under the mining lease, within a period of five years from the date of opening of the mine. The same may be ensured and future exploration may be proposed accordingly.
10. Para 1.0 (j): Month wise/year wise depletion of reserves may be tabulated to arrive at the Geological reserves & resources as on 01.03.2020.
11. Para 1.0 (l): (i) The area under G-1, G-2, G-3 and G-4 may be given in a tabular form based on the exploration carried out in the past. (ii) Lumps & fines ratio may be given & discussed. (iii) Bulk density & recovery considered for each type of material handled may be supported by laboratory report. (iv) Table no.26 may be updated as on 01.03.2020.

MINING

- 12. Para 2.0(a): The existing details of OB dumps, their status indicating the location ,quantity, area covered and other details may be enclosed in a tabular column. (ii) The existing details of Mineral stock lying in the mines & subgrade mineral may be given in a tabular column indicating the location, quantity, area covered and quality.
- 13. Para 2.0(b): (i) The production of ore & stripping ratio given in Table no.17 may be cross checked with Annexure 17 and corrected. (ii) The description of Production & development plan may be deleted and placed under Para 2(c). (iii) Table no.19 may be deleted from this para. Information in the appended table may be given aligned with the production & development sections (Plate No.111/c).

Year	Area	Sections	Advancement	No of Benches		Level mRL		Working depth	UTM coordinates	
				Ore	Waste	Top	Bottom		Northing	Easting

- 14. Para 2.0(c): Section wise production & development calculation including subgrade handling may be furnished in this para instead of Annexure & explained in brief.
- 15. Para 2.0(e): (i) Describe briefly the ground preparation for waste dumping & UPL. Reference to the plan & sections may be given.(ii) In table no.22 & 34,No of lifts/stages proposed and slope angle for the dump may be given. (iii) Calculation for adequacy of drills may also be given as blasting is carried out as & when required.
- 16. Para 2.0(f): (i) 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. (ii) The land use pattern may be given as per the standard format at all places in the text & plates. The Conceptual land use pattern for crushing/screening plant & infrastructure may be reviewed
- 17. Para 4.0(a): The quantity of mineral reject is not aligned with the quantity given in table no.17.The same may be corrected at respective places in the text.
- 18. Para 4.0(c): Proposed protective measures for the OB dump & subgrade may be discussed in this para.
- 19. Para 6.0(b-g): Para 6b to para 6g is missing. The same may be incorporated along with the necessary information desired in each of the paras.
- 20. Para 8.1: Under human settlement, demographic details surrounding the ML area may be tabulated.
- 21. Para 8.2: (i) A tabular column may be inserted for monitoring the environment parameters of air, water, noise & soil in the core & buffer zone with their respective locations and no of samplings proposed in core & buffer zone.(ii) Table of year wise afforestation with details of survival rate, area covered, species proposed to be planted & cost may be given.
- 22. Para 8.3.1: Describe the proposal to be implemented for reclamation &. reclamation of the mined out land including the manner in which the actual site of the pit will be restored for future use
- 23. Para 8.5: (i) FA table may be given as per the standard format. (ii) Mineral storage & mineral separation plant may be given separately. (iii) Green belt/afforestation may be placed under the “others” head.

24. PLATES:

- a) Key Map (Plate No.1/b): Surrounding leases with 5 KM Circle may be shown & indexed.
- b) Surface Plan (Plate No. II/a): (i) All the features shown on the plan may be indexed. (ii) The C Ore, Fines & mineral separation plant may be shown distinctly with different colours and indexed accordingly.
- c) Geological Plan (Plate No.II/b): (i) Area under G-1, G-2, G-3 & G-4 may be shown & tabulated. (ii) Proposed boreholes in the modified plan period may be shown with different colour & indexed as per comments placed at point no.19 (para 1.0(i)). (iv)The geological plan may be signed by the surveyor with date.
- d) Geological cross sections (Plate No.II/C): (i) Proposed boreholes in the modified plan period may be shown with different colour & indexed as per comments placed at point no.19 (para 1.0(i)). (ii) The geological sections may be signed by the surveyor with date.
- e) Production & Development Plan (Plate No.III/a –III/b): (i) Mineral stacking area may be marked & indexed. (ii) The colour of the UPL may be shown different from the Retaining Wall.
- f) A separate sheet of OB dump section showing year wise progress may be given
- g) Conceptual Plan & Section (Plate No.VI/a): (i) Outlines of the various activities with different colours may be shown. (ii) The plate may be altered as per comment placed at point no.16. (iii) The ultimate land use pattern may be given aligned with the conceptual plan & section.
- h) Financial Area Assurance Plan (Plate No.10): Detailed break up of Land Use Pattern of pit, dump, Infrastructure, Green belt, road etc to be given in outlines & with different colour coding. Point no.23 may be referred and corrected accordingly.

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

- a) Approved ICFRE report may be annexed.
- b) Permissible annual production limit of 1.4 MMTPA approved by CEC may be enclosed.
- c) Certificate from QP may be given in original.
