

SCRUTINY COMMENTS ON THE MODIFICATION AND REVIEW OF MINING PLAN OF NAVALUTTI IRON ORE MINE OF M/S H.R. GAVIAPPA., M.L. NO. 2483, OVER AN AREA OF 34.00 HA, IN NAVALUTTI VILLAGE, SANDUR TALUK, BELLARY DISTRICT, KARNATAKA STATE.SUBMITTED FOR APPROVAL UNDER RULE 17(3) OF MCR, 2016. MODIFICATION PERIOD FROM 2018-19 TO 2019-2020 I.E UP TO 31.03.2020. CATEGORY OF THE MINE IS A(FM-FULLY MECHANIZED), OPEN CAST MINE. RESERVE FOREST LAND. DATE OF EXPIRY OF THE MINING LEASE IS 31/03/2020.

TEXT:

1. On cover page, the previous period of approval and the present period may be indicated.The name of the RF may also be given for clarity.
2. Introduction: It is expected to emphasize the previous approved document was for the period from 2016-17 to 2019-20, and the present submission for the period 2018-19 and also as per the notification only in page-3, and not because of the exhaustion of the ore. In the light of the above remarks, the text and the plates may be attended, wherever applicable.
3. Para 3.3.1, under exploration it is mentioned MCDR, 2018, instead of MCDR, 2017. Besides, from the para, the wording previous and present document may be corrected appropriately, wherever applicable, instead of giving wrongly. Similarly, the para 3.3.2, need to be attended
4. Para 3.3.4, the para has not attended appropriately, stating that the mineral is not exhausted from the mine to do reclamation & rehabilitation, the present submission is only for fulfilling the notification dated 27/3/2018.

PART-A

5. Para 1(g) & (h), wherein the plate No. 04 & 05, both plan section of the geology, whatever the changes happened need to be updated and specified, the changes if any, after undertaking any exploration after the present notification. Fresh proposals may be drawn for the current year for undertaking additional bore holes as per the notification, dated 27/3/2018 to drill 300m depth of the hole or up to the mineralization of deposits ends up, to re-estimate the reserves/ resources and resubmit for approval. ***If any change in the reserves/ resources if any may be specified and the text and the plates may be modified, wherever applicable.***
6. Para 1(J), the reserves/ resources brought out under this category, in table No.09, the extent of the area under G1 & G2 must be brought out in geological plan and sections also with clarity.
7. In table no. 12 & 13, reveals about the reserves/ resources with cutoff grade of +45% Fe, what about the threshold value of +35%Fe grade reserves/ resources in the ML area may be briefed/ explained, and updated as on 31.07.2018.
8. Para 2A(a), brief description on existing method of mining operation and the proposed method of mining operation may be written appropriately. The given description is not satisfactory. In the proposed method of working starts from the period 2018-19 onwards, not from 2019-20, should be corrected. The bench height of 6m and width of not less than the height, at places it is given 10m to 15m width is not the correct proposals. In the light of the above remarks, the remaining part of the text paras may be attended wherever applicable.

9. Production plan for (2018-19-Pit No.1): it is given height & width is proposed to be 6mts, further, in the same para it is given width of the working benches shall be maintained at about 10m, this makes contrary proposals in the single pit workings. Care should be taken to propose correctly, taking all factors in other paras.

10. Para 2(f), it is given dumping will be done in worked out pit area in lease area, is correct to some extent, but it should be corrected, undertaken in the exhausted mine pit from the mineral area completely. (ii). In page no.41, it is given that, mined out pit after extraction of the ore will be reclaimed by suitable afforestation techniques and portion of the pit may be back filled by OB & part of the pit will be left as water reservoir is acceptable, but the afforestation techniques immediately after the extraction of the ore is not the step, it should be filling with waste/ water and then by suitable afforestation techniques, which must be incorporated accordingly.

11. Para 8.3.1, under mined out land, in specific there is no mined out exhausted pit from the ore, matured for back filling/ reclamation and rehabilitation. present working pit is continuing with development & proposed production. The present document is prepared and submitted strictly to satisfy the notification dated 27/3/2018 and not otherwise should be emphasized in the para and in the relevant locations.

12. The consent letter from the applicant should be replaced with lessee. The certificate from the QP should be corrected as MCDR, 2017, instead of 2018.

PART-B

13. The mine photographs enclosed must be with name of the mine, ML No. & the lessee name for clarity and easy reference.

14. Key Plan (Plate No. 1): The approach road to the ML area may be given with approximate distance from the known place.

15. Surface Plan (Plate No.3): The proposed working area should be clearly indicated and the back filling area also need to be marked with clarity, the extent of the area will involve in the mining operation for the two years period may be given. Besides, the stacks and the dumps may be differentiated in the notations. Garland drain if any within the lease may be given. Present waste dumping area need to be marked/ depicted.

16. Surface Geological Plan (Plate No.4): The exhausted area in the ML after mining the ore body should be marked as exhausted area & proved barren through bore holes for easy reference.

17. Development & Production Plan (Plate No.6A & 6B): The extent of the area marked for mining during the year is found to be incomplete, including the benches marked for the year 2018-19.

18. Conceptual Plan & section (Plate No.8): the mining operations that are proposed for the year 2018-19 & for the year 2019-20, reveals workings are going to be on the lower part of the working pits, if it is so, how the conceptual stage, even the top most part of the pits are depicted as if the pits are undertaken for workings and that those benches are shown for afforestation may be explained. Besides, the position of working benches, waste dumps, plantations etc., which are going to be at the closure of mining operations, may be brought out as it is, instead of showing additional work.