

Scrutiny Comments on the ‘Modification to the approved Review and Updatation of Mining Plan’ in respect of Ramgad and Subbarayana Halli Manganese and Iron Ore Mine of M/s The Sandur Manganese & Iron Ores Ltd., ML no. 2679, covering 140.33 Ha. as per the CEC sketch, located near Ramgad and Subbarayana Halli Villages, Sandur Taluk of Bellary District, Karnataka State.

COVER PAGE

1. Name of the document to be corrected as ‘Modification to the approved Review and Updatation of Mining Plan’.

DETAILS OF THE APPROVED REVIEW AND UPDADATION OF MINING PLAN

2. This chapter may be started in a separate page.
3. Para 3.3: In review of exploration, excavation, reclamation etc. all review positions may be furnished upto 31.08.2018 for F.Y. 2018-19. Deviation% is not applicable for the current year.
4. Implementation status of approved R & R Plan should be discussed at the end of this chapter.

PART-A

5. Para 1.0 (j): Feasibility study report is not enclosed.
6. Para 1.0 (l): Reserve and resource of the deposit for manganese and iron should be updated as on 31.08.2018 by depleting concurrent mine production (ROM)/ handling of iron ore.
7. Para 2.0 (b): Specific modifications in year-wise mining/ handling programme in view of proposed common boundary working between ‘L Block’ of ML No. 2679 and KMK(E) pit of ML No. 2678 may be furnished in this para in detailed. Proposed ROM stacking and waste dumping areas also to be discussed for ‘L Block’ of ML No. 2679. Estimated proposed handling details of ‘L-Block’ are not enclosed in the document.
8. Para 4.0 (a): Details of existing mineral reject stacks (manganese and iron ore) and proposed mineral reject stacks to be furnished in this para in a tabular format duly mentioning stack ID nos., locations, extent and height. Similar details existing waste dumps also to be mentioned. ID nos. and extent of all mineral stacks and dumps should be drawn in the surface plans also.
9. Para 4.0 (b): Disposal of mineral reject and waste in ‘L Block’ to be furnished here separately.
10. Para 4.0 (c): Sequence of year-wise build up of waste dumps/ backfilling area and associated environment protective measures to escape materials form the dump should be furnished in this para. All environment protective measures should be undertaken in accordance with approved R & R plan.
11. Para 8.3.5: Proposed year-wise reclamation and rehabilitation measures may be corrected as from F.Y. 2018-19 to 2022-23, the table may be corrected accordingly.
12. Para 8.6: Additional area requirement for common boundary working in ‘L Block’ of ML No. 2679 has not been identified, please clarify. Similarly, no additional areas have been identified for waste disposal and for ROM/mineral reject storage for ‘L-block.’

PART-B

13. **Para 10, PLATES:** In all plates name of the document may be corrected as ‘Modification to the approved Review and Updatation of Mining Plan’.

- a) Surface Plan (Plate no. SM05-Md1): This plan should be prepared in a scale of 1:2000 in accordance with the geological Plan. Surface plan for other blocks also have to be provided with the document.
- b) Geological Plan and sections (SM 43-Md1 and SM 43a-Md1): Geological Plan and sections plan for other blocks also have to be provided with the document. Plate no. Plate no. SM 06-Md1 may be removed from the document.
- c) Excavation Plan (plate nos. SM 43c, e and f -Md1): Proposed benches and working mine pit should be maintained straight in respect of ML boundary in view of systematic and scientific mining. Year-wise building of waste dump and mineral stacks should be demarcated in all plates. Environment protective measures along the dump/ ore stacks should be shown in the plan.
- d) Financial Area Assurance Plan (Plate no. SM08): This plate may be corrected by incorporating modified mining and other allied proposals for 'L Block.'
- e) Reclamation Plan, Environmental Plan and Conceptual plan are not provided with the document.
- f) Surface plan (Part) of ML No. 2678 may be removed from the document.

14. **Para 11, Annexure:** Following items are required to be annexed with the document:

- a) Copy of photo identity card of authorized signatory is not legible, may be replaced accordingly.
- b) Copy of chemical analysis reports (manganese and iron) of mineral reject stacks from NABL or similar accredited laboratory.
- c) A feasibility study report of the deposit.
- d) Section wise, year wise production and development calculation of manganese ore (ROM).
- e) Copy of proceedings undertaken by the lessee or specific orders received from the Govt. regulatory bodies pertaining to manganese/ iron ore mining.
- f) Few recent photographs of boundary pillars, all working pits, mineral stacks and waste dumps.
- g) Latest season environmental monitoring data.
