

Annexure

Scrutiny comments on the draft Final mine closure plan for Shevaroy Bauxite mine over an area of 190.53 ha in Semmaduvu, Puliur and Manjakuttai villages with A-OTFM category in Yercaud taluk of Salem district Owned by Vedanta Ltd., (Madras Alluminum Co Ltd.,) submitted under rule 23(C) of MCDR 1988.

General :

Preamble: The configuration of mining lease on different hills as non-contiguous in three different blocks should be depicted clearly in the report.

1. Para 1.1: Date of discontinuance of insitu mining of bauxite need to be discussed under the para. The analysis report of low grade bauxite said to be enclosed as annexure –VI is not annexed in the report need to be enclosed.

2. Geology: Para 2.1(b): The general occurrence of bauxite thickness need to be discussed under the para. Under general geology chemical analysis of bauxite indicated wrongly as limestone should be corrected.

3. Reserves: It is mentioned with a remark that “the quantity of 40,000 tones has not removed from the ML”, in this regard, the reasons for not working bauxite should be clearly indicated with respect to grade, quality and suitability to market.

4. Para 3.0, Review of Implementation of Mining Plan / Scheme of Mining: The trial pits made/observed under exploration during the inspection need to be furnished hill wise and hill wise no of bore holes details furnished in table no.14 , by NMDC are not matching in the geological plan should be verified and corrected.

4. Exploitation: It is seen from the table no.12, the actual quantity of bauxite for the 2015-16 was 644467 tones against the 139740 tones proposed, which need to be verified as the production details received as per office record is only for one month, the AR copy for the year 2015-16 need to be submitted for record. The first three reasons mentioned in page no.13 may be shown under the para 1.1, the actual production figures in table no.19 are on higher side by suffixing “ additional 0” to the actual production should be verified and corrected.

Closure Plan:

5. Para 4.1: Mined-Out Land: Action plan to carryout afforestation though plantation is being carried out and to remove the waste dumps that are consisting of low grade bauxite which are currently being worked as the low grade bauxite having market for cement manufacturing industry. Hill wise action plan for reclamation /rehabilitation need to be discussed under respective head. Reasons for one year time period sought for this activities/rehabilitation work also to be discussed under the chapter.

6. Para 4.10 Disaster management and Risk Assessment: The irrelevant statement and contrary statement “rehabilitation work carried out in 6 months and in para 4.1, it was stated 1 year after the date of FMCP” and para 6.0 time schedule for abandonment sought only 90 days should be verified and corrected. In view of this, the detailed time bound action plan should be drawn/discussed. Further, statement such as “this is a small mining lease area ... should be corrected.

7. Para 8.0 Financial Assurance : The Colum no. 6 of table no.21 shows “nil” area considered for fully reclaimed and rehabilitated should be verified and the area under dumps may also be included in net area considered for Financial Assurance and accordingly amount may be calculated.

8. As suggested during inspection, details of hill wise afforestation carried out and park developed with plantation at the hill no.III(on the way to shevaroyan temple) need to be furnished in the review para and photographs with caption should be annexed. The expenditure for development park with fencing other provisions may be furnished under CSR activities.

Plates: Company name indicated as Madras Alumina company Ltd.,only. Present name of the company M/s Vedanta Limited.,also be indicated on each plan. Section lines have not marked on any plan.

9.Plate no.IV&IV-A: The trial pits have not marked on geological plan and section .The fire clay shown in index is incorrect, as observed this may be corrected as ferruginous clay. The bore holes/trail pits made should also be indicated in section. Bauxite shown on hill tops should be verified and corrected or additional caption may be written in brackets. Symbols shown in index and section should be the same.

10. Plate no.V: Year wise afforestation already and proposed to be carried out need to be furnished in a table with no of sapling variety of species and to be drawn.

11. Reclamation plan as per the format depicting all the details required under rule 23(3) of MCDR-1988 need to be furnished.

12. Soft copy of the report submitted in the form of CD should be verified and the extra pages in the beginning of the report may be omitted.

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