

Scrutiny comments on examination of Review of Mining plan of Talaiyuthu Lime stone mine, over an area of 22.30.5 hect in village –Gangaikondan , Taluk & District – Tirunelveli, submitted by The M/s.India cement Limited. (Date of Inspection-09/10/2019)

(Cat 'A' / Machanised /captive/Non-Forest) Mine code-38TMN15109

- 1)PAGE-2-Instead name of RQPs the name of Qualified Person should be written.
- 2)page-4-table-1- the classification of land in others as Patta land or govt land should be provided,
- 3) page-5-table-2- The details of mining plan approval including first mining plan should be given.
- 4)page-14-para-i- No proposal has been given during the plan period as the depth of limestone is proved upto 30 MRL but the UPL can go beyond for which further drilling is required towards the end of ROMP period , hence the proposal may be made for drilling during ensuing period of Review of Mining Plan. The adequacy of exploration done may be discussed with reference to total mineralized area.
- 5)page-15 table-5- the reserve and resources should be given in tabular for with lengthX widthX height instead of sectional area and accordingly the length should be marked in cross-section .one longitudinal x-section should also be given along the strike direction.
- 6) page-22- para-e- the year wise mining process should be explained separately for each year and dumping should also be discussed with formation of garland drains /parapet wall/ settling tank etc as explained during the field visit.
- 7)page-29-para-b- it has been mentioned that the waste dumps will be formed in the eastern side of the lease but in plan it is shown in the northern side of the lease. It should be corrected.
- 8)page-19-para-1- the details of blasting operations should be given with ways to reduce ground vibration and noise.
- 9)page-29-para 4(a)- it has been mentioned that the waste dump will move in south and east but as shown in plates it will move in south and west direction. The location and direction of movement of dumps may be discussed with reference to gridlines.
- 10)page-38-t able-18 should be given for 2017-18 onwards.
- 11) page 39-table-19 should be given till 2018-19.
- 12) The status of mining lease extension by State Government may be discussed at para 2.0(a).

Plates :- (In all plates the grid line should be aligned with the north direction)

- 1)Plate- 05-The proposed bore holes should be marked in the geological plan.
- 2)Plate-06- the ore body should be shown only up to the depth of hole drilled.
- 3)Plate -06- the UPL drawn should be corrected as advised during the field visit and accordingly the reserve should be adjusted.
- 4)Plate-07 to 12- The dumps shown should only be extended after the drilling is completed as per proposal in the north-west direction.
- 5)Plate-07 to 12-The year wise proposal for plantation in 7.5-meter barrier should be given.
- 6)Plate-07 to 12- The proposal for garland drains all along the dumps should be given with settling tank.
- 7)Plate-12 & 14- Since there is no topsoil the plantation all along the 7.5 meter barrier should be completed and shown in this plate.

Annexures:-

- 1)All reserve calculation and production & development (year wise) should be given in Excel sheet in CD.
- 2)All Annexure should be marked with different color paper with Annexure number written on it.

