

Scrutiny comments on examination of Review of Mining plan of RAMAYANPATTI Lime stone mine, over an area of 12.12 hect in village – Ramayanpatti , Taluk & District – Tirunelveli, submitted by The M/s.KRISHNA MINES. (office scrutiny)

Mine code-38TMN15002

TEXT-

- 1) Nowhere Survey Number is mentioned either in text or in plates, which may be furnished.
- 2) All the tables should be numbered.
- 3) Page-10- para- **Exploration**-It is mentioned that “6 no’s of bore holes were proposed to be drilled along with the proposed bore holes of the adjacent lease of Krishna mines over an extent of 31.092 ha. since the adjacent lease was non-operational the bore holes could not be drilled. Hence the proposed bore holes could not be drilled” hence it should be mentioned that the proposed bore hole will be drilling separately as the other lease is not having E.C.
- 4) Page-21 para 1-e-2- GRADE AND ANALYSIS- the hole number should be inserted in table.
- 5) Page-22 para 1i- It is mentioned that these bore hole will be carried with bore hole of 31.092 ha mining lease which is not acceptable since the E.C of other lease is not obtained hence the proposed bore hole should be drilled in the year of proposal.
- 6) Page-23 para 1 j- the abbreviation used for million tonnes is not standard hence million tonnes should be used wherever necessary. in some portion the unit is missing which should be corrected.
- 7) Page-24 para 1.j- the RL of reserve calculation should be mentioned.
- 8) Page-40 - Proposed method for Mining - The lease details is required to be mentioned in this para.
- 9) Page-41- para-2.b- the year wise tentative excavation should be given in MT in separate page.
- 10)Page-42-para-2. b .1- it has been wrongly mentioned that year wise production of limestone for remaining two years which should be three years.
- 11)Page-43- para 2.b.1- **Details of production and development:** The approved mine plan was given for **2 years** only i.e I year (2018-19) & II Year (2019-20)- the whole paragraphs should be for three years and also the year mentioned should be corrected. Somewhere it is written 2019-20(iv year) whereas year 2020-21(III years)- all the paragraphs should be corrected wherever necessary.
- 12)Page-54 -para-2.g- it has been mentioned that” The total quantity of waste during the present review plan period is 0.079 Mil.T will be dumped in the northern side of the lease area is shown in the Plate No - 6A to 6B & 8” however the plate no should be 6C to 6E as mentioned earlier- it should be corrected.

- 13) Page 62: Para 4.a.3: Height and spread of stacks: It has been mentioned that " Normally limestone produced at ML area will be directly utilized. However in case of emergency, limestone will be stacked near to the working pit temporarily, so that further loading and transportation will be convenient." But the Height & Spread figures are not specified.
- 14) Page-65 &66 para-5.0- It is mentioned that part of limestone etc are for sale to other parties as this lease is considered as captive hence the paragraphs should be redrafted for Captive lease.
- 15) Page 86 para 8.3.5- the referred plates are 6 A to 6C which is incorrect and should be corrected.
- 16) Page-92-Mobile number of disaster management key personnel should be provided.
- 17) The Financial Assurance in the form of Bank Guarantee shall be submitted along with the final copies

Plates:-

- 1) Plate-04-the Surface geological plan should be given in 1:1000 scale. The proposed bore hole no.3 is not marked on the plan. Proposed bore hole no. 3 &4 has not been depicted in Surface Geological sections.
- 2) Plate 4- The Proposed bore hole should in the limestone whereas you have proposed the bore hole in the dumps away from the dip and the same may be clarified.
- 3) Plate-4- One longitudinal cross-section should also be provided where mining for next three years will be carried out.
- 4) Plate-9- The cross section along F F' is not correct with Index – it should be corrected.
- 5) Plate-11- The year marked in PMCP is not correct- it should be corrected.
- 6) In title box of all proposed year wise sections it has mentioned "**1 year**" which may be removed.
- 7) Environment Plan: The adjacent mining lease of same lessee i.e Krishna Mine is not indicated.
- 8) Page - 86 - Surface subsidence mitigation measures through backfilling of mine voids or by any other means and its monitoring mechanism:_ No mention has been made here about the outcomes of the Slope Stability Study that had been agreed to be conducted by The National Institute of Rock Mechanics as mentioned in Annexure - 12 & the implementation of the recommendations thereof aimed at strengthening the incompetent rock mass in the northern & the southern sides of the mine. The same may kindly be mentioned & annexed.

Annexure –

- 1) Annexure14 – The proposed bore hole year should be corrected.
- 2) All the above modifications may be carried out in CD also and submitted.
- 3) All calculation should be given in excel in CD.
- 4) The Annexure should be separately numbered with different colour papers.
- 5) Some of the page numbers in Annexure 2 & 3 are interchanged may be placed properly.
- 6) Page 12 - Para 3.4: Status of compliance of violations pointed out by IBM : It has been mentioned that “the violation issued letter number and reply date is given below. Refer Annexure No – 12 for violation letter and reply. ” whereas the said violation letter & reply are not enclosed in Annexure No - 12 as stated.