

SCRUTINY COMMENTS ON REVIEW OF MINING PLAN INCLUDING PROGRESSIVE MINE CLOSURE PLAN FOR VARAVANAI LIMESTONE MINE OF Shri.S.SEKHAR, No.73, RAJA COLONY, Collector office Road, Cantonment, Trichy-620 001. Over an Extent of 2.24.0 Ha in Varavanai Village, Kulithalai Taluk, Karur District, TAMILNADU STATE. (OFFICE SCRUTINY Mine code –38TMN28017)

- 1) Page-2 para-1-It has been mentioned that “M/s. Sekhar mines, propose to Mine Limestone for 1200 Tonnes/year from this Existing mine lease area by open cast semi - mechanized “B” category mining technique” whereas the category is either category – A or category-B hence it should be clearly mentioned as per MCDR-2017 rule 55(2).
- 2) Page-3 para-2-It has been mentioned that “Since the mining proposals in the approved Scheme of Mining will expire by 31st March 2020” it should be “ already expired” instead of is expiring.
- 3) Page-9 para 2- is has been mentioned that “ No development work was carried out during the plan period up to 28.02.2021” since the approved plan is already expired on 31/03/2020 the date and sentence should be corrected.
- 4) Page-8 para 3.1 Date and reference of earlier approved MP/SOM - the details of all MP/MS/ROMP etc should be provided in table from the beginning with validity of MP/ROMP/MS.
- 5) Page-18 table-1.4 – tentative cost of drilling should be given.
- 6) Page-20/21- the reserve should be clearly given in all the cell of the table bench wise.
- 7) Page-23- para-I - Mineral Reserves/Resources table1.8- the reserve and resources in million tonnes should be shown correctly.
- 8) Page-26 para C Table No.2.2- the year 2020-21 should be mentioned as lapsed year of ROMP.
- 9) Page-26 para C Table No.2.2- separate table should be given for cubic meter excavation and s production in metric tonnes in separate single page.
- 10) Page-8 table-8- the dip should be corrected to horizontal.
- 11) Page-11 para-3.6- one modification is already approved as mentioned in page-1 but t in this para it is mentioned that no MP/ms is submitted for approval of modification which is confusing hence it should be corrected.
- 12) Page-12 para-The physical attitude of the limestone deposit is demarked as follows:- the dip should be corrected.
- 13) Page-14 table-17- name of the mine should be given with G.O number.
- 14) Page-16- Reassessed Mineral Reserves and Resources as per UNFC System as on 12.02.2021- the requirement of reassessment of reserve should be explained as the reserve and resources is not matching with the last approved modification to the approved Mining Plan.
- 15) Page-17-22- Reassessed Mineral Reserves and Resources as per UNFC System as on 12.02.2021- the reserve and resources should be recalculated as per previous approved MP and the condition in the G.O copy 624 point no 2(iii) and covering all points as attached in Annexure-II.
- 16) Page-30 table-32- it should be given in separate single page.
- 17) Page-34 Para- List of Machineries table-35- the requirement of hydraulic shovel is 6 as per calculation but in table it is given as 4 which is confusing, hence the table should be rechecked and corrected as per calculation.
- 18) Page-33- it is mentioned that two shift operation each tipper can make 15 trips per day but in calculation 20 trips is taken which is confusing, hence it should be rechecked and corrected as per requirement.
- 19) Page36- para OMS- it is mentioned that two shift operation for OB and three shift operation for limestone but manpower projected is very less and OMS shown is very high hence it should be corrected and properly recalculated.

20) Page-36 Geological plans and sections: – it is mentioned that “sections in Hori: 1:4000 & Vertical: 1:500 , since it is category A mines the plan and section should be 1:2000. It should be corrected wherever required.

21) Page-48-52-para 8.3.5- the actual should be left blank in table provided.

Plates:-

- 1) PLATE NO. : IV-A-GEOLOGICAL SECTIONS- the horizontal section should be given in 1:2000 scale instead of 1:4000. Colour code should be mentioned.
- 2) PLATE NO. : IV-A-GEOLOGICAL SECTIONS- UPL in index is not matching with UPL in the section line.
- 3) Plate-4 the reserve calculation should be made as per G.O no-624 and accordingly the section line should be given.
- 4) PLATE NO. : V-A- the horizontal section should be given in 1:2000 scale instead of 1:4000.
- 5) Plate 4B1 & 4B2 is not needed.
- 6) Plate-5- the year-wise plan should be submitted separately for category ‘A’ mines.
- 7) Plate-8- air/noise monitoring station and water sampling etc should be shown in this plate also the same should be included in the text.

Annexure

- 1) All calculation should be given in excel sheet in CD.
- 2) All Annexure should be provided with separate colour paper with annexure number written over it.
- 3) The .kml file of lease and .shp file should be given in Cd and in mail