

**SCRUTINY COMMENTS ON REVIEW OF MINING PLAN AND PROGRESSIVE MINE CLOSURE PLAN FOR ADANAKURICHI LIMESTONE MINE COVERED OVER AN EXTENT OF 160.73.0 HA. Village : Alathiyur – Sendurai Taluk & District : Ariyalur State : Tamilnadu**  
**MINE CODE 38TMN24054(office scrutiny)**

**TEXT**

- 1) Page-6 para 3.1- Date and Reference of earlier approved MP /SOM/ROMP only details of last approved MP/MS is provided but details of all MP/MS/ROMP etc from the beginning with details in sequence should be provided.
- 2) Page-6 para 3.3 Review of earlier approved proposal in respect of exploration, excavation, reclamation etc :- the exploration approved in last approved MP/MS is not mentioned if it is nil then also it should be mentioned.
- 3) Page-6 para 3.3 Review of earlier approved proposal in respect excavation table 1 showing percentage of limestone and low-grade limestone but rejects are not mentioned – it should be mentioned as reject in column head.
- 4) Page-11 para part A 1- d- mobile number of prospecting / exploration agency should be provided.
- 5) Page-12 table 1.1- one more column should be added for bottom RL of the each bore hole.
- 6) Page-17 It is mentioned “Limestone and Low-Grade Limestone (Silicious) were considered as proved Reserve. But, Low Grade Limestone (Silicious) did not able to utilize for cement manufacturing process due to high SiO<sub>2</sub> content” but you have not subtracted the total reserve anywhere in either feasibility studies nor in the text – the same should be clearly mentioned in both text and in feasibility studies.
- 7) Page-18 table-1.2- The proved reserve should be corrected as per 01-09-2020.
- 8) Page-20 table-1.6- The proved reserve should not include low grade limestone which is mentioned in the text as unusable but the same has been included which is confusing and hence it should be clarified the proposal of consumption of low-grade limestone also the same should not deviate the IBM circular on cut-off grade of minerals.
- 9) Page-23 table2.2 – the volume is calculated without the depth of limestone hence depth of cutting should be mentioned in the table.( in all the tables in page 23/24/25/26).  
Page-23 table2.2- the east (E) in the strip column should be mentioned for clear understanding.
- 10) Page-26- Separate five year plan in tonnes also should be given in tabular form in one single page.
- 11) Page27 para f- The figure provided for proved reserve in conceptual mining should be checked with respect to earlier scrutiny comments.
- 12) Page-28 Table no-2.6 Excavation Program up to conceptual period- the column number 8 is not marked but in calculation it is taken- it has to be corrected.
- 13) Page-30 Table no-2.8 Afforestation Program- some fruit bearing trees should also be planted for sustainable development.
- 14) Page-52- The local contact address of disaster management team head should be provided.

**Plates:-**

- 1) Plate 4-The surface plan should be shown all the prominent feature which are mentioned in the special conditions as per lease deed page number 67-68-69 and the action taken by the lessee to shift the electric line etc. and the position of electric line should be marked in the surface plan. The lease boundary is not properly marked for granted survey number.
- 2) Plate 05- strike and dip direction should be marked prominently.
- 3) All plates- In all plates the lease boundary should be marked in bold break-line for clear visibility. Also, the area of 17.58 ha lease should be hashed in separate distinct colour.
- 4) Plate-06 – The area of other contiguous lease should be made blank for clear visibility.
- 5) Plate 8 to 12- the production and development/reclamation and plantation should be shown in different colour and keep the colour same in all the years whereas only use different colour in cross-sectional plan for clear understanding.
- 6) Plate-15- prominent wind direction months should be marked.

**Annexure:-**

Annexure1) 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.