

Scrutiny comments on REVIEW OF MINING PLAN" with PMCP FOR MADUKKARAI LIMESTONE MINE (Extent 135.55.0 Ha) in village – Madukarai , Kurichi and Ettimadai ,District & Taluka -Coimbatore state- Tamilnadu.

Mine code -38TMN02005 (OFFICE SCRUTINY DATE OF MCDR INSPECTION-21/10/2020)

TEXT:- (all table should be numbered)

- 1) Page-5- para-1 Address of Authorized Signatory (Works office) – name of person authorised should be provided.
- 2) PAGE-7 para-2 period /expiry- it has been mentioned that " Validity of lease has been extended till 31.03.2030 under section 8 A (5) of new MMDR amendment act 2015." It should be corrected as deemed to have been extended un section..... , as you have not submitted revised G.O order or lease deed.
- 3) Page-9 para3.2-Details of last modifications if any (for the previous approved period) of approved MP/SOM, indicating date of approval, reason for modification should be explained as the modification has been done during last plan period.
- 4) Page-22 para-h(1)- it has been mentioned that "The following 18 bore holes have been proposed during the end of the plan period (2025-26)" but the same should be carried out in the beginning of the first two years of the plan period as per rule. Hence accordingly the same should be modified.
- 5) Page-25- para PROVED MINERAL RESERVES (UNFC Code: 111):- it is mentioned as 9.23 million tonnes but in annexure -III it is 11.65 million tonnes which is contradictory hence it should be checked and corrected.
- 6) Page-25- para PRE- FEASIBILITY MINERAL RESOURCES (UNFC Code 222)& INFERRED MINERAL RESOURCE (UNFC CODE 333- the same should be thoroughly checked with annexure -III and corrected to 01/04/2020 since the mine is under temporary discountenance.
- 7) Page-27- para-K- the reserve and resources should be furnished with detailed calculation of reserves/resources section wise (When the mine is fully mechanized and deposit is of complex nature with variation of size, shape of mineralized zones, grade due to intrusion within ore zone etc. the same should be calculated by length XwidthX height from cross-section drawn in plate 5A etc.
- 8) Page-31- it has been wrongly mentioned as" actual utilization of HEME would be around 6 hours/day" it should be hrs per shift.
- 9) Page-32-The year wise development and production plan (in MT) in tabular form should be given in one single page.
- 10) Page-63 & Page 69 para- ENVIRONMENT IMPACT ASSESSMENT STATEMENT: the area excavated at the end of life of mine cannot be zero. Hence it should be corrected. Also, green belt etc has to be checked.
- 11) Page-70 para- SUMMARY OF YEARWISE PROPOSAL FOR ITEM NO. 8.3- the summery of worked out benches should be taken during this period and accordingly the plantation in old unused benches should be given in this table.
- 12) Page-79 para 8.6 Financial Assurance: the total area should match with the lease area in this table. Hence it should be recalculated and corrected.

Plates:-

- 1) Plate-3- It has been mentioned that GO -674 and GO 805 are adjacent and are Indexed in all plates but at least one plan should show the both leases.
- 2) Plate- 3,3A-3C- The area which is shown in the surface plan should be demarcated in the Index Plan with different colour hashing.
- 3) Plate- 4 & others-(Geological Plan) The section line should be renumbered in similar fashion starting from one direction and ending to other direction. On or two longitudinal section line should also be drawn.
- 4) Plate-4 & others- The section line marking should be made in bold capital letter for easy identification.
- 5) Plate-5 and others – (Geological sections) -The section line chart should start from one side and end to other side is systematic manner. The feasibility report should also be changed accordingly. The reserve and resources should be calculated as per UNFC norm.
- 6) Plate-11- environmental plan- Atleast one or two environmental monitoring station should be shown in the north east corner/ north side of the lease as majority of the habitation are in that area.

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.
- 3) all GPS -coordinate for lease and mining area should be provided in .KML file in CD and in mail.
- 4) Annexure -III- the data is not matching with the text. Hence it should be corrected.