

Scrutiny comments on draft Review of Mining Plan &PMCP for Melarasur limestone mine over 4.12.5hect in Melarasur village Lalguditaluk of Trichy district Owned by Dr.R.ParkavanPachamuthu submitted under rule 17(1) of MCR, 2016 & rule 23 of MCDR-2017 for the period from 2017-18 to 2021-22.Mine code 38TMN14062

1. Introduction: Reason for delay of one year for submission of document need to be discussed .The mining plan period indicated in page no.2, upto 11.11.2022 should be corrected as 2007-2008 to -2011-2012 upto 31.3.2012.
2. All signatures in text and plates should be in original, in some plates and at some part of text photocopies signatures are noticed which may be avoided.
3. Para 2.0(b): The mention of “lease period has been extended for 50 years from the grant of ML” under MMDR Amendment Act-2105 should be added.
4. Para3.3 (ii) :Table no 5B shows production of 200tonnes of limestone for the year 2016-17,whereas it is mentioned no production during 2013-17 should be corrected. Reason for huge Ore :waste ratio need to discussed under the para.
5. Para 3.4: The statement furnished no violation issued by IBM is incorrect. Violation communicated vide this office letter dated 31.3.2017 should be discussed under the para.

Part-A

6. Para 1.0 (b): Physical and chemical properties of limestone and its varieties occurring in the lease should be discussed under the para. Occurrence of various litho-units of the ML based on exploration results with respect to the formation need to be discussed.
7. Para 1.0 (h):The information mentioned is irrelevant, future exploration programme need to be discussed mentioning with the specific year under the para.
8. Para 1.0(i)&(j) : The parameters considered for reserve estimation such as bulk density and recovery of mineral need to be discussed under the para. Mineral name indicated in table no.7A should be either as Limestone or Marl but not Marl limestone should be corrected in table no.7A. Entire area has been considered as mineralised area is not proper,estimation of limestone reserve and resource,influence/continuity of 50m may be considered form the respective pit and not upto the lease end, as it is not proved by exploration accordingly reserves and resources should be re calculated. All the concerned tables of reserve &resource need to be reconciled and corrected. Further, bulk density considered for reserve &resource calculation is 2.0,whereas the previous documents, it was 2.5.Resons for change in BD should be discussed under the para.
9. Para 2.0 Mining: Pit wise number of benches and its dimensions need to be discussed under the para. If any orders received form cement companies may be indicated otherwise, sentence should be changed to needy industry.
Year 2017-18 has already been lapsed. Hence,proposal should be omitted. Yearly production proposed should be within the limits applied for state environment Impact Assessment Authority and within estimated available reserve .
10. Para 8.3.5: Details of area afforested 0.92 hect for each year should be verified and corrected.
11. Para 8.6: Details furnished under the table-19 should be verified in view of scrutiny of Para 1.0(i)&(j).

Part-B:-

12. Date indicated in Consent letter, undertaking Certificates should be verified and corrected.
13. Annexure-IX:Chemicals analysis report should be from a NABL accredited Laboratory or Government laboratory.
- 14: Annexure-X: Annexure may be omitted and copy of RQP certificate issued by IBM may be enclosed.
15. All annexures and documents should be certified by Qualified Person.

Plates:

14. Plate no.V Geological sections: The sections are not representing the actual land features such as pit -I and bore hole though the section X1-Y1 is passing through. Sections drawn are not correct considered total area with proved reserve (111)UNFC code. Therefore, sections should be re-drawn as per the scrutiny remark indicated under para 1.0 (i)(j).
15. Plate no. VIA,VI-B,VIC,VID&VII: Year wise development Production plans for 2017-18 may be omitted as the year has been lapsed, other year wise development Production plans should be redrawn as per the scrutiny remark indicated under para 2.0.
16. Plate no. X&XI: Mine working limitations in the pan need to be corrected as per the scrutiny remark indicated under para 1.0 (i)(j).

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