Scrutiny comments on examination of Review of Mining plan of Pandapulli Limestone mine, over an area of 2.37.25 hect in village - Pandapulli, Taluk -Sankarankoil, District - Tirunelvelli, submitted by Shri.S.A.Murali.

38TMN15063

(Cat 'A' / OTFM /No-captive/Non-Forest)

1. The document serial number and sub heading serial numbers are to be as per the guideline, as it is observed most of the serial numbers are not as per the guideline, it should be strictly followed while submitting final copy.
2. The document period mentioned on cover page as 2019-20 to 2023-24. The period in parenthesis may be also mentioned as 10.08.2019 to 31.3.2024.
3. The mine workings gone to a maximum depth of 14 m. with high walls. B-Cat manual mining is unsafe and not systematic. Accordingly, proposals may be given for Cat.A (A-Other than fully mechanized). The Financial Assurance may also be furnished for Cat.A mine.
4. **Para 2.0 (a) :** This para has not been furnished as per the guideline and hence to be checked and corrected. In Lease expiry column, it is stated as "09.05.2019 and deemed to continue up to 09.05.2032", the statement is not correct as the same has not been supported by any documental evidence for extension of ML by State Government.
5. **Para 3.1:** The details of approved MP and SOM till date may be furnished.
6. **Para 3.3 page 14 & 21: Exploration:** It has been reported 4 B H has been drilled during the scheme period, and location of the B H are marked in the Plate IV & V, but the same has not been marked in the plates. Also, the intimation in Form -I and Form -J are not submitted to IBM Chennai as per the rule.
7. **Part-A Para1.0 (e) Page No.23;** It is reported "The lessee proposed to driil four bore hole on lease area to improve the persistence during the year 2019-20 is now completed for Systematic mining" The statement is not understandable when the BH are drilled , whether the notice Of Form- I and J are issued to IBM. QP has to give proper evidence for the BHs

   (ii) It is also reported "Four proposed bore hole are marked on Geological plan" ie PBH1 to PBH-4 , But the year of proposal are not furnished and also Para (vii) Page 24, 6 Nos of BH are given 2019-20 to 2021-22. The statements are not matching, needs clarification
8. **Part-A Para1.0 (vii) Page No.24;** 6 no's BH are proposed during the plan period But the same has not been marked in the geological plan
9. **Part-A Para1.0 (viii) Page No.24:** As per the guide line the reserve and resource are to be assessed based on the different level of exploration marked in the Geological plan, In the Geological plan the existing exploration are not marked, without the BH data how the reserve are estimated, Hence the exploration carried out in previous scheme of

mining are to be marked in the Geological plan and section and accordingly the reserves are to be re estimated.

10. **Table 7D:** The reserve is as per the reserve estimation geologically proved hence the reserve also to be categorised under 221.
11. **Part-A Page -25:** As per the guide line Para 1.0(k) is not furnished the same has to be furnished.
12. **Part-A Page -30:** As per the guide line Para 1.0(l) sub headings are not furnished the same has to be furnished.
13. **Part-A Para2 (b):** The detailed calculation section wise, bench wise are to be furnished, It has been observed from the Year wise development plan and section, the section drawn are not true representative section, Hence the section are to be drawn in the center of the proposed area and then reserve calculation are to be furnished accordingly.
14. **Part-A Para -2 (c):** The given statement "Being a **"A"** Category mine...." Is contradictory to cover page and referred Annexure numbers also not found correct, it should be checked and corrected.
15. **Para 7.0 :** The location of the office store, canteen, rest shelter etc.. are to be marked in the plan with references to the para.
16. **Part –A, Para 8.6:** The Financial Assurance amount mentioned is not correct and a minimum of Rs.10,00,000/- for "A" category should be furnished along with the final copy. Accordingly, the text may be corrected.
17. Photographs for systematic mining, protection of environment may be enclosed.

PLATE:-

18. **Plate II:** Latitude and the longitude of the lease area has to be marked.
19. **Plate III** : The Existing BH marked in the last approved scheme of mining, and the Proposed BH drilled during the last approved scheme of mining are to be marked.
20. **Plate IV&V: Geological plan**: Dip and strike are not marked, The existing B.H and the B.H Proposed / drilled during the last scheme periods are not marked. The Limestone mineral contact has to be marked,
21. **Plate-V :** BH are marked in the section but the same has not marked in the geological plan, needs clarification. In the L.V section the location of the cross sections has to be marked.
22. **Plate VI to VI D:** The cross section has to be drawn in the center of the proposed year wise development area, accordingly all the section are to be re drawn and year wise calculation has to be re estimated . Mining and its allied activity should be restricted with in the lease area after leaving 7.5 m boundary barrier..
23. **Plate IXI:.** The adjacent mine located 500m radius are to be marked.
24. All the above modifications may be carried out in CD also and submitted.