

Scrutiny Comments on Modification of Mining Plan with PMCP for Chettichavadi Jaghir magnesite and dunitite Mine over an area of 449.364 hectares in Chettichavadi Village Salem -Taluk and District, Tamil Nadu State of M/s. Dalmia Bharat Sugar and Industries Limited Mine code-38TMN 39TMN11004(Date of MCDR Inspection-20/03/2019).

General--

Introductory notes may be prepared, furnish all the details right from the application.

Front page-

- 1) The period of modification to the approved Mining Plan should be 2019-20 to 2020-21 instead of 2018-19 to 2020-21 .
- 2) Mine code should be written in front page.

Text:

- 1) In the First page, Mining plan period year 2018-2019 already lapsed furnished is wrong which should be checked and corrected .
- 2) Page-3, para 1- The reference of all earlier approved MP/MS/ROMP should be given.
- 3) Page-7, para 3.4- The status of all violations and its compliance should be given.
- 4) PAGE-7, para 3.6 – The period of modification to the approved mining plan should be mentioned as “two years from 2019-20 to 2020-21”.
- 5) Page-11, para1- The annexure number given in text is not matching with the annexure provided- it should be renumbered again, and correct annexure number should be given in relevant text part.
- 6) All the annexures should be numbered with different colour in first page with the annexure number written on it as advised during field visit.
- 7) Page-12-(i) The year wise details of exploratory pits is to be mentioned in para1(e)(i).
(ii) Date of the Exploratory pits have not been given and all Annexure should be changed and reallocated.
- 8) Page-15-para1(i) UNFC code of mineral classification should be adopted while determining the reliability of data, hence the irrelevant part should be removed.
- 9) Page-16- (i) Details of exploration programme should be given with depth of hole and location in tabular form.
(ii) Total nos. of Bore holes and grid interval are given. But depth has not been mentioned . Proposed boreholes may be shown in geological Plan, Whereas not given in borehole number in surface plan .
- 10) Page-18 -para1- table-3- The balance reserve as on 1-04-2019 should be given instead of 1-04-2018 and should be changed accordingly in all chapters.
- 11) Page-20- para1(1)- The reserve and resources should be recalculated as per the exposure in the field and as per already existing bore hole with 50 meters on either side of the face/ bore as proved and rest should be given in resources.

12) Page-24-para2A(b)- The year wise development and production plan should be given from 2019-20 onwards.

13) Page No:25. Refer Annexure No :III: The detailed calculation of Blockwise & pitwise production & Development schedule for the year 2017-2018 to 2020-2021 which period was wrongly given. So it should be checked and corrected.

14) Page-26-para2A(b)(i)- the insitu tentative excavation should be given from 2019-20 onwards.

15) Page32- Blasting parameters- diameter of hole should be mentioned.

16) Page-37- Details of explosive consumption during pervious scheme period is not relevant hence it should be removed.

17) page No: 38 Projected Consumption of Explosives:

The Projected Consumption of Explosives for the next three years wrongly written as 2018-2019 to 2020-2021. Since it should be checked and corrected. The year 2018-19 should be removed since 2018-19 is already over. Proposals may be given only for 2019-20 to 2020-21. The corrections may be effected at all relevant places in text part and plates.

18) Page-39 to 41- Proposal for only two years should be given.

19) Page-90- The total area will be 449.364 ha instead of 449.864 ha which is wrongly mentioned – hence it should be corrected.

20) Page-132- the production cost should be checked w.r.t annual return submitted and corrected as advised during the field visit.

21) 2A(B)(I): In Situ Tentative Excavation: In Situ Tentative Excavation year wrongly written in this coloumn as 2018-19 to 2020-21. Since it should be checked and corrected.

22) The photographs of dump protection measures taken in mining lease area may be enclosed (stabilization of dumps, retaining wall, garland drains, etc.).

23) Table No-1 Achievment development and production Quantity in the previous scheme of mining period that the year 2016-2017 is missed in the table that checked and corrected.

Plates:-

1) Certification in all plans may be made that “All plans and sections are prepared on the basis of the authenticated lease sketch by State Government.

2) All the surface Plans and geological plans should be made as on date 01/04/2019.

3) Surface plan, plate no:V: VI(a), Vi(b) MT Block, VI(c).

Proposed boreholes in the surface plan has not been numbering in the above said plans.

- 4) In all geological plans the colours only be given for stockpile,dumps,roads etc.
- 5) Legend should be made in all the geological cross-sections at one place in box.
- 6) The symbol adopted for different geological rocks are not easily identifiable the colour should be made different for better identification.
- 7) The reserve should be recalculated as per open pit and upto only 50 meters on either side of the bore hole.
- 8) Plate-IX(c) – This plate is not required instead it should be place in Annexure.
- 9) Plate B XI (a) to (c) to MT XI(a) to (c) – The yearwise development and production plan should only be given for 2019-20 & 2020-21.
- 10) Plate: AXI(a) : Yearly Development and production Plan 2018-19 for First year plan should be changed the year as 2019-20.
Plate no; A XI(b) ;Subsequently changed the Second year as 2020-2021.
- 11) Plate No: B XI(a):
Yearly development and Production plan 2018-19 for First year plan should be changed as 2019-20.
PlateNo: B XI(b): Subsequently changed Second year as 2020-21.
plate No: MT XI(a).
- 12) Yearly Development and production plan year should be changed as 2019-20 & 2020-21.

Annexures:

- 1) All annexure should be renumbered and since the number of Annexure are too large at the beginning of the new Annexure a colour blank paper should be given with Annexure number on it.
- 2) All reserve calculation should be given in Excel sheet in CD in separate file.