



GOVERNMENT OF INDIA
MINISTRY OF MINES
INDIAN BUREAU OF MINES
OFFICE OF THE REGIONAL CONTROLLER OF MINES

BY SPEED POST/E-Mail



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Letter No.279/302/92/BNG

Dated: 08.01.2018

To:

M/s- Mysore Minerals Limited,
TTMC,Buildig, 'A Block, 5th Floor, BMTc Bus Station,
Shanthi Nagar, Bengaluru-560027
Karnataka.

agm.env.mml@nic.in

Sub: Scrutiny comments on the examination of draft Review and updatio of Mining Plan of Karya Magnesite Mine (ML No.2495) of M/s- Mysore Minerals Limited over an area of 86.25 ha in Karya, Kurihundi and Chamanamadanahalli villages, Nanjangud Taluk, Mysore district, Karnataka submitted for approval under Rule 17(1) of MCR, 2016.

Ref: Your letter no. MML/IBM/28/KRY/MP/2017-18 dated 07.12.2017 submitting therewith 2 copies of draft Review & updation of mining plan.

Sir,

The subject of Review & updation of mining plan has been examined in this office in light of the earlier site inspection carried out on 06.11.2017 by Sri K. Chatterjee, Junior Mining Geologist of this office. Based on the examination of the document and field observations, scrutiny comments are given in **Annexure** enclosed.

02. You are therefore, advised to rectify the deficiency in the Review & updation of mining plan in the light of the scrutiny comments and re-submit the modified document in **3 bound copies by post (hard copy) and as well as by e mail (soft copy)** of the Review & updation of mining plan along with a soft copy in 2 CD's (Text in pdf and plates in AUTOCAD) to this office within 15 (**Fifteen**) days from the date of issue of this letter. The Financial assurance of requisite amount should also be submitted as per the FA table for the ensuing period of the Review & updation of mining plan along with the document.

03. It is also to state that if deficiencies are not attended satisfactorily and if it is not received within the stipulated time period, the Review & updation of mining plan will be disapproved, without assigning any reason thereof and the same shall have to be submitted afresh.

Encl: Annexure


Your's faithfully,


(G.C. Meena)

Regional Controller of Mines
Indian Bureau of Mines

Copy to:

1. The Controller of Mines (SZ), IBM, Bangalore, for kind information.
2. Sh. H. Thippeswamy & Sh. R. Chandrashekar, QP, Mysore Minerals Limited, TTMC "A" Block, 5th Floor, BMTc Bus Station, Shanthinagar, Bengaluru-560027, Karnataka. **For information and necessary action.**


Regional Controller of Mines
Indian Bureau of Mines

Scrutiny Comments on Draft Review and Updation of Mining Plan in respect of Karya Magnesite Mine of M/s Mysore Minerals Ltd., ML no. 2495, Extent 86.25 Ha., situated near Karya, Kurihundi and Chamanamadanahalli villages, Nanjangud Taluk, Mysore District of Karnataka State.

COVER PAGE

1. Address of the lessee may be removed; only educational qualification of qualified persons may be mentioned in the cover page.

INTRODUCTION

2. Specific orders/ guidelines or notifications received from the regulatory bodies time to time pertaining to this ML may be discussed in this chapter briefly.

LOCATION AND ACCESSIBILITY

3. Para 2.0 (b): Type of non-forest land, villages with Survey nos. should be mentioned here.

DETAILS OF APPROVED MINING PLAN

4. Para 3.3: In review of exploration, excavation, reclamation etc. all review positions may be given up to up to 31.12.2017 for F.Y. 2017-18. Reason for continuous deviations in respect of exploration and production should be elaborated.
5. Para 3.4: Compliance status of recent violation issued by IBM dated 21.11.2017 should be furnished in this para.

PART-A

6. Para 1.0 (c): In the local geology, strike length, width and depth of the ultra basic rocks (host rock of magnesite) may be furnished.
7. Para 1.0 (i): Proposal of G1 stage of exploration should be given for remaining mineralized areas. Entire potential mineralised area should be explored by detailed exploration (G1 stage) in accordance with Rule 12(3) of MCDR, 2017. In view of that, future exploration proposal may be revised accordingly.
26 nos. of boreholes have not been drilled by the lessee during last scheme period as per the approved proposal. Hence instead of proposing only 2 boreholes in every year during 2018-19 to 2022-23, an effort may be initiated to complete the entire exploration programme in F.Y. 2018-19 & 2019-20.
8. Para 1.0 (j): Areas explored under different stages of exploration (G1 to G3) may be furnished in this para in a tabular format.
9. Para 1.0 (k): Reserve of the deposit should be updated as on 31.12.2017 by depleting concurrent mine production (ROM).
10. Para 2.0 (b): 20% interstitial waste within the mineralized zone should be removed from 'mineral reject' column; this should be placed under 'total waste' column (Ref. page 28). Year wise proposed mineral to waste ratio (by volume) may be corrected.
11. Para 2.0 (c): Actual stripping ratio maintained by the lessee since F.Y. 2013-14 to 2017-18 (till 31.09.2017) is 1:4.41 against proposal of 1: 0.28; i.e. actual waste handling during said period was more than 15 times than proposed. Hence, *based on previous mining experience and assembling borehole logs data proposed waste generation and dumping proposals are required to be re-assessed from F.Y. 2018-19 to 2022-23.*

12. Para 2.0 (d): In year-wise production and development proposals, locations of proposed ROM stacks for magnesite and for dunite should be discussed.
13. Para 4.0 (a): Nos. of waste dump present (active and inactive) within the ML area with their extent and height should be furnished in this para in a tabular format.
14. Para 4.0 (c): Environment protective measures like construction of retention wall, gully plugs and check dams should be undertaken along the toe of the proposed active dump to prevent escape of material[Ref. Rule 37(2) of MCDR, 2017]. Year wise proposals may be furnished here in a tabular format.
15. Para 8.2: Proposed environment protective measures to mitigate air, water, noise and soil pollution within the ML area may be discussed here briefly.
16. Para 8.3.5: In 'summary of year wise proposal for item no. 8.3' from F.Y. 2018-19 to 2022-23, the column 'actual' may be deleted.
17. Para 8.6: All item heads of the Financial Assurance table is not found to be furnished as per the guidelines, the same should be prepared in accordance with the CCOM Circular no. 4/2006. No additional area has been identified for 'mineral storage', please clarify. ***Valid bank Guarantee is not found to be submitted by the lessee.***

PART-B

18. Para 10, Plates:

- a) Geological Plan (Plate no. 4): Demarcation of different stages of exploration may be shown in the Geological Plan.UPL and extent of mineralization is not demarcated in the plan.
- b) Production and Development Plans (Plate nos. 5A to 5E): Proposed haul road from the mine pit to the waste dump and mineral stacks should be demarcated in all plans. Proposed development of ROM stacks and afforestation also to be demarcated.

19. Para 11, Annexure: Following items are required to be annexed with the document:

- a) Copy of photo identity card of authorized signatory.
- b) Copy of chemical analysis reports of waste material (dump) from NABL or similar accredited laboratory.
- c) Copy of proceedings undertaken by the lessee or specific orders received from the Govt. regulatory bodies pertaining to this mine.
- d) Copy of the violation letter issued dated 21.11.2017 by IBM and compliance undertaken by the lessee.
- e) Copy of valid Bank Guarantee, in accordance with Rule 27(1) of MCDR, 2017, valid till 31.03.2023.
- f) Copy of the latest season environment monitoring data, enclosed one is more than one year old.
- g) Photographs of all boundary pillars.
