



भारत सरकार/Government of India  
खान मंत्रालय/Ministry of Mines  
भारतीय खान ब्यूरो/Indian Bureau of Mines  
हैदराबाद क्षेत्रीय कार्यालय/Hyderabad Regional Office



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No. 659(537)//MC/05/NLR.

Room No.603, 6th Floor,  
CGOTowers, Kavadiguda,  
Secunderabad.-50008.  
Date:19.10.2020.

To  
Shri M.Hemanth Kumar, Lessee,  
S/o/M.Harichandra,  
H.No. 3-6-601, G5, 1<sup>st</sup>.Floor,  
Sri Vaisnavi Residency,  
Street No. 8, Himayath Nagar,  
Hyderabad-500 029, Telangana State..

Sub: Submission of Review of Mining Plan in respect of Vermiculite Mine of Shri M.Hemanth Kumar over an extent of 8.798 ha. in Sy.Nos.109,110/1,111 and 125/1 of Chemidide Village, Gudur Mandal, SPSR Nellore District of Andhra Pradesh under Rule 17(2) of MCR 2016.

Ref: Your letter No. nil dated 05.10.2020.

Sir,

With reference to your letter cited above on the subject, the draft Review of Mining Plan has been examined by Sri Madhu Sudhan Yadav, ACOM. Due to covid-19 pandemic situation inspection could not be carried out and the table scrutiny comments were prepared and have already been forwarded to you and your Qualified Person on respective e.mail ids i.e., [hemanth.kumar.malli@gmail.com](mailto:hemanth.kumar.malli@gmail.com) and [suresha.geologist@gmail.com](mailto:suresha.geologist@gmail.com)

02. You are advised to attend these deficiencies as per the annexure and resubmit the document, complete in all respects, in three bound copies along with soft copy in the form of CD (3Nos.). In this regard, you are directed to submit the Financial Assurance in the form of Bank Guarantee for the area put on use for Mining and allied activities @ Rs.Three lakhs/hectare for category 'A' mines provided that the minimum amount shall be Rs.Ten lakhs as per the provision of Rule 27(1) of MCDR, 2017 at the time of submission of final copies of the document within 15 (fifteen) days from the date of issue of this letter, failing which the document will be disposed without giving any further opportunity.

03. The para-wise clarification & the manner in which the deficiencies are attended should be given while forwarding modified document.

Yours faithfully,

*Shilendra Kumar*  
19/10/2020

(Shailendra Kumar)

Regional Controller of Mines

Copy to Sri S.N.Suresha, Qualified Person for information and necessary action.

*Shilendra Kumar*  
19/10/2020

(Shailendra Kumar)

Regional Controller of Mines

मूलपतिपरनहीं

खाननियंत्रक (द), भारतीय खानब्यूरो, बेंगलुरु।

*शैलेन्द्र कुमार*  
19/10/2020

(शैलेन्द्र कुमार)

क्षेत्रीय खाननियंत्रक

**Table scrutiny comments on Review of Mining Plan of Chemidide Mine of Sri. M.Hemanth Kumar lessee over an area of 8.798 hectares in Chemidide village, Gudur Mandal, Nellore district, Andhra Pradesh.**

**General**

1. In the cover page the Review of Mining Plan under which it is submitted shall be mentioned correctly.
2. The proposal period of the Review of Mining Plan (with date) shall be mentioned in the cover page.
3. Consent letter/undertaking/certification by the applicant shall be on Company's original letter head duly signed with date.
4. The annexure numbers shall be mentioned correctly in the document submitted.
5. The annexures shall be numbered correctly in the document submitted.
6. The boundary pillar coordinates certified by the state government shall only be annexed.
7. The toposheet co-ordinates mentioned in the text is not matching with the key plan submitted.
8. In the document submitted Rule numbers of MCDR 2017 shall be quoted instead of MCDR 1988.
9. Details pertaining to the mining lease shall only be submitted in the introduction chapter.
10. Last application for obtaining EC was in 2015 as per details mentioned in the document submitted. Present status of the EC shall be submitted.
11. Complete and signed copy of General Power of Attorney shall be submitted.
12. Scheme of Mining is approved by State Govt. for quartz, feldspar and mica from 2016-17 to 2019-20. Copy of relevant portion of the approved document w.r.t production, exploration, reclamation & rehabilitation shall be submitted along with the approval letter.
13. Authenticated production and dispatches figures of mica, quartz and feldspar from state Govt. shall be submitted.
14. The document shall be submitted as per the chapters mentioned in the IBM manual on appraisal of Mining Plan 2014.

**Review of Mining plan**

15. Proper justification shall be submitted for not carrying out the proposed exploration, development, production and afforestation etc., as per the approved mining plan.
16. Details of proposed production of vermiculite shall be submitted correctly.
17. Review and proposal in respect of other associated minor minerals shall be submitted correctly.
18. Yearwise proposal and achievement shall be submitted as per the earlier approved mining plan.

**Geology and Exploration**

19. Pits dug for production of mica, quartz and feldspar and vermiculite shall be submitted correctly.
20. Number of pits proposed for exploration, its dimension and volume shall be submitted correctly in page no. 23.
21. Details of borehole drilling proposed shall be submitted correctly in page no. 29.
22. The geological sections are not mentioned correctly in reserves and resources calculation in page no. 34. Accordingly reserves and resources need to be assessed as per MEMC

- rules and backup calculation thereof be submitted. Total geological resource need to be assessed.
23. Study Report of bulk density and recovery factor of mica, quartz, feldspar and vermiculite for insitu and waste dump shall be carried out by authorised agency or government institution to be submitted.
  24. Feasibility report for the mine should be submitted as per the format prescribed for the purpose showing the capital investment and proving economic viability of the project.
  25. Lessee should carry out detailed exploration (G1 level) over the entire potentially mineralized area under the mining lease within a period of 5 years from the date of commencement of MCDR 2017.

### **Mining**

26. Proposed method of mining shall be mentioned correctly in the mining chapter.
27. Since dump mining is proposed, the quantity and quality of the waste dump in the lease area authenticated by State Govt. shall be submitted.
28. Valid explosive license for the use of explosive shall be submitted.
29. Proposed number of pits, number of benches, maximum working depth shall be submitted.
30. Detail specifications of the machineries used for excavation, loading and hauling shall be submitted.
31. It is proposed to carry out the excavation and loading with machineries. Hence HEMM permission under MMR 1961 for use of machinery shall be submitted.

### **Conceptual plan**

32. Conceptual plan to be prepared for the entire lease area showing UPL, life of the mine, conceptual exploration, pit dimension, land use pattern, status of reclamation and rehabilitation, land use, position of pit, dumps, dump re-handling proposals, green belt development etc. at the end of this 5 year period and at the end of the lease period.
33. The life of the mine needs to be assessed considering resource and reserves.

### **Stacking of Mineral/Sub grade Mineral and waste disposal:**

34. Retaining wall and garland drain shall be submitted for proposed dump.
35. Co-ordinates of proposed temporary stacking of mineral shall be submitted in the text part of the document.
36. Co-ordinates of proposed waste material stacking shall be submitted in the text part of the document.

### **Progressive Mine Closure Plan:**

37. Environment Base line information shall be submitted.
38. Environment monitoring stations in the core zone and buffer zone shall be submitted.
39. Details of land use pattern under different heads in the financial assurance table shall be submitted as per the IBM manual on appraisal of Mining Plan 2014.
40. Financial assurance plan should be submitted in view of above comments.

### **Plans and Sections:**

41. As per Rule 34 of MCDR, every plan, section or part thereof under these rules shall carry thereon a certificate for its correctness and shall be signed by the Mining engineer with date. Provided that the geological plans and sections shall be certified and signed by the geologist employed under rule 55.

### **Others:**

42. Surveyor deployment is not mentioned in the employment potential chapter.