

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. The review of mining plan shall be submitted for vermiculite and its associated minerals.
2. In the cover page the category of mine shall be submitted correctly.
3. The annexure numbers shall be mentioned correctly in the document submitted.
4. The annexures shall be numbered correctly in the document submitted.
5. Lease deed execution of the Mining Lease shall be submitted.
6. Details of the Mining plan approved by the State Govt. shall be submitted correctly in the introduction chapter.
7. The period of the Review of Mining Plan submitted shall be mentioned correctly in the introduction chapter.
8. Mine code of the Mining lease shall be mentioned in the details of the lessee.
9. The boundary pillar coordinates certified by the state government shall only be annexed.
10. The toposheet co-ordinates mentioned in the text is not matching with the key plan submitted.
11. Details mentioned in the IBM manual on appraisal of Mining Plan 2014 shall only be submitted in page no.4.
12. Last application for obtaining EC was in 2015 as per details mentioned in the document submitted. Present status of the EC shall be submitted.
13. Complete and signed copy of General Power of Attorney shall be submitted.
14. 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.
15. Authenticated production and dispatches figures of mica, quartz and feldspar from state Govt. shall be submitted.
16. Review and proposal in respect of other associated minor minerals should be submitted.
17. The document shall be submitted as per the chapters mentioned in the IBM manual on appraisal of Mining Plan 2014.

Review of Mining plan

18. Proper justification shall be submitted for not carrying out the proposed exploration, development, production and afforestation etc., as per the approved mining plan.
19. Details of proposed production of shall be submitted correctly in page no. 7 & 8.
20. Details pertaining to proposal and achievement shall only be submitted in the review of earlier approved mining plan chapter.

Geology and Exploration

21. Pits dug for production of mica, quartz and feldspar and vermiculite shall be submitted correctly.
22. All the trial pits dug in the lease area shall be submitted.
23. Number of pits proposed for exploration, its dimension and volume shall be submitted correctly in page no. 19.
24. Details of borehole drilling proposed shall be submitted correctly in page no. 23.
25. Details of manpower required for production shall be submitted correctly in page no. 26.
26. The operating cost per ton of vermiculite shall be submitted correctly in page no.28.
27. 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.

28. 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 be submitted.
29. 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.
30. 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. Hence exploration proposal shall be submitted for the year 2020-21 instead of 2021-22.

Mining

31. Proposed method of mining shall be mentioned correctly in the mining chapter.
32. Since dump mining is proposed, the quantity and quality of the waste dump in the lease area authenticated by State Govt. shall be submitted.
33. Valid explosive license for the use of explosive shall be submitted.
34. Proposed number of pits, number of benches, maximum working depth shall be submitted.
35. Detail specifications of the machineries used for excavation, loading and hauling shall be submitted.
36. 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.
37. In the document submitted it is mentioned that the pit slope as 60^0 , which is not acceptable. The ultimate pit slope shall be maintained for 45^0 and the proposal shall be given as such. For maintaining slope steeper than 45^0 , approval from DGMS has to be submitted

Conceptual plan

38. 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.
39. The life of the mine needs to be assessed considering resource and reserves.

Stacking of Mineral/Sub grade Mineral and waste disposal:

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

Progressive Mine Closure Plan:

43. Environment Base line information shall be submitted.
44. Environment monitoring stations in the core zone and buffer zone shall be submitted.
45. 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.
46. Financial assurance plan should be submitted in view of above comments.

Plans and Sections:

47. All the plans and sections should be submitted as per the provision of rules 31, 32 & 34 of MCDR, 2017 and signed by the surveyor having Certificate of Competency of Survey from DGMS.

Others:

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



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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Secunderabad.-50008.
Date:16.07.2020.

To
Shri M.Hemanth Kumar, Lessee,
S/o/M.Harichandra,
H.No. 3-6-601, G5, 1st.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 02.07.2020.

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 lockdown 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 and 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,

(Shailendra Kumar)
Regional Controller of Mines

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

(Shailendra Kumar)
Regional Controller of Mines

मूलपतिपरनहीं

खाननियंत्रक (द), भारतीय खानब्यूरो, बेंगलुरु।

(शैलेन्द्र कुमार)
क्षेत्रीय खाननियंत्रक

