



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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Room No.603, 6th Floor,  
CGOTowers, Kavadiguda,  
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Date: 7-6-2021.

To  
Shri T.Meenachi Sundaram,  
M/s Sri Ramamaruthi Vermiculite Mine,  
310 Sidco Aiema Tower, 1<sup>st</sup>.Main Road,  
Ambattur Industrial Estate,  
Chennai – 600 058 T.N. State.

Sub: Submission of Modified Mining Plan of Sri Ramamaruthi Vermiculite Mine of M/s Sri Ramamaruthi Vermiculite Mine, over an extent of 10.87 ha in Sy.Nos.156 & 157 of Rachapalem Village, Gudur Mandal, SPSR Nellore District of Andhra Pradesh submitted under rule 17(3) of MCR 2016.

Ref: Your letter No. nil dated 21.05.2021.

Sir,

With reference to your letter cited above on the subject, the draft Modified Mining Plan has been examined by A.V.Ramesh Kumar, AMG. Table scrutiny comments were prepared and have already been forwarded to you and your Qualified Person on respective e.mail ids i.e., [prod@srvm.co.in](mailto:prod@srvm.co.in) and [earth\\_environment2008@yahoo.com](mailto:earth_environment2008@yahoo.com).

02. You are advised to attend the 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 (4Nos.) In this regard you are also advised 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,

*Sh Kumar*  
7/6/21

(Shailendra Kumar)  
Regional Controller of Mines

Copy to Sri P.R.Mishra, Qualified Person for information and necessary action.

*Sh Kumar*  
7/6/21

(Shailendra Kumar)  
Regional Controller of Mines

मूलपतिपरनहीं  
खाननियंत्रक (द), भारतीय खानब्यूरो, बेंगलुरु।

*शैलेन्द्र*  
7/6/21

(शैलेन्द्र कुमार)  
क्षेत्रीय खाननियंत्रक

**SCRUTINY COMMENTS ON THE MODIFICATION OF MINING PLAN FOR SRI RAMAMARUTHI VERMICULITE MINE OVER AN EXTENT OF 10.87 HA OF M/S SRI RAMAMARUTHI VERMICULITE MINE IN RACHAPALEM VILLAGE,GUDUR MANDAL,NELLORE DISTRICT,ANDHRA PRADESH**

1. In para 3.3.1, the reason for deviation in achieving the proposed exploration during the previous block period to be furnished.
2. In para 3.3.4,the reason for deviation in achieving the proposed backfilling during the previous block period to be furnished.
3. Justification for submission of mining plan document under rule 17(3) of MCR,2016 to be mentioned at para 3.6.
4. The proposed exploration is to be carried out during the year 2021-22.Further,proposals for exploration for delineating the potentially mineralized area in the western part of the lease area need to made as there are few old pits in the area..The same to be marked on Geological Plan also.
5. The table no.7 i.e. proposed exploration need to be modified as given below:

Year	No. of Boreholes (Core/RC/DTH)	Grid Interval	Total meterage	No. of pits, dimensions and volume	No. of trenches, dimensions and volume

The Geo co-ordinates of the proposed drill holes to be mentioned in text & Plan.

6. The area covered under G1,G2 & G3 level of exploration to be mentioned in the Geology & Exploration chapter.
7. In the exploration chapter under proposed exploration, it was mentioned that 9 core boreholes and 7 DTH will be carried out. However, on page 29 under Conceptual plan it is mentioned that exploration will be carried by way of making 18 trial pits. Further, in the feasibility report it was mentioned that exploration will be carried out by making 12 trial pits. This type of contradicting statements to be avoided and modified.
8. In the Mine drainage chapter, indicate the maximum and minimum depth of workings.
9. As the lease is for captive purpose as mentioned in the ADMG letter dated 18.08.2016,accordingly details of captive consumption and other relevant details to be discussed in chapter “use of Mineral”.
10. The Annexure IX i.e. Aadhar card of the lessee is not legible. A good quality copy to be enclosed.
11. The copy of recovery report mentioned at Annexure-XII is missing.Enclose the same.
12. In the feasibility report under sub head costing, it is mentioned that mining shall be carried out by manual method, However, in the Mining chapter, mechanized method is proposed. Modify accordingly in the feasibility report.
13. In the plate no.III i.e. surface Plan, it was observed that pit-11 has breached the 7.5. meter barrier zone. Suitable proposals need to be made for reclamation of the same. The date of Survey and signature of surveyor to be furnished.
14. The dump no.7 & 8 are falling outside the lease boundary, proposal for re-handling the same to be furnished. The same to be marked on the reclamation & rehabilitation plan.

15. One pit falling between boundary pillar no. 4 & 5 is falling outside the lease boundary, suitable proposals for reclamation by way of backfilling to be made and same to be marked on reclamation & rehabilitation plan.
16. In the plate IV(A) i.e. Geological Section, in Sections AA', B1-B1', B2-B2', the 7.5 meter barrier zone is not marked.
17. In all the relevant plates, the year-wise development is not marked properly. It needs to be marked distinguishably.
18. The land use data to be submitted in digital form (Geospatial data). The land use patterns, feature type and file type required are broadly classified and given below:

Sl. No.	Land use information	Format	Remarks
1.	Mining Lease Boundary	.shp or .kml file	Feature type polygon
2.	Pit area	.shp or .kml file	Feature type polygon
3.	Dump area	.shp or .kml file	Feature type polygon
4.	Stack yard	.shp or .kml file	Feature type polygon
5.	Tailing dam (if applicable)	.shp or .kml file	Feature type polygon
6.	Reclaimed and Rehabilitated land	.shp or .kml file	Feature type polygon
7.	Afforestation area	.shp or .kml file	Feature type polygon
8.	Others – Road, railway, Infrastructure, processing plant etc	.shp or .kml file	Feature type polygon
9.	Boundary pillar co-ordinates in serial order (Latitude and Longitude in Deg Min Sec)	Excel	In WGS-84 datum

The Shape file should contain the Land use information as attribute data.

If KML file is provided, each feature type should be given in separate file with combined geo-data base. The file name should be Mine name\_Ownername\_Area\_Landuse type.