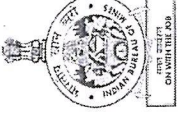




भारत सरकार/Government of India
खान मंत्रालय/Ministry of Mines
भारतीय खान ब्यूरो/Indian Bureau of Mines
हैदराबाद क्षेत्रीय कार्यालय/Hyderabad Regional Office



Phone No. : (040)-27539992/27559993
Fax No.(TF): (040)-27539991
No. 659(553)/VR/2006/NLR.

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

Date: 3-10-2019

To
Shri Nagbhusan,
M/s Premier Mica Mir-es,
No. 13/176-1,Thyagaraja Street,
Gudur-524 101,
Nellore District,
Andhra Pradesh.

Sub: Submission of Modified Mining Plan of Ramachandra Vermiculite Mine of M/s Premier Mica Mines, over an extent of 5.152 ha. in Paricherla Rajupalem (V) Village, Gudur Mandal, SPSR Nellore District of Andhra Pradesh.

Ref: Your letter No. nil dated nil, received by this office on 09.09.2019.

Sir,

With reference to your letter cited above on the subject, the inspection of the mine was carried out by Shri S.K.Muduli, JMG along with Sri Nagbhusan, Lessee's representative and Sri P.R.Mishra, Qualified Person on 23.09.2019 and found certain deficiencies which were forwarded to you and your Qualified Person on respective e.mail ids i.e., premica@micaindia.com and 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 (2Nos.) 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.Two lakhs/hectare for category 'B' mines provided that the minimum amount shall be Rs.Five 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)

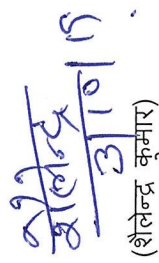
Regional Controller of Mines

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


(Shailendra Kumar)

Regional Controller of Mines

मूलपतिपरन्हीं
खाननियंत्रक (द), भारतीय खानब्यूरो, बंगलुरु।


(शैलेन्द्र कुमार)

क्षेत्रीय खाननियंत्रक

SCRUTNY CUM INSPECTION REPORT OF REVIEW OF MINING PLAN OF RAMACHANDRA VERMICULITE MINE OF M/S PREMIER MICA COMPANY SPEARD OVER AN AREA OF 5.152 HECTRES IN PARICHERLA RAJUPALEM VILLAGE, GUDUR MANDAL, NELLORE DISTRICT IN ANDHRA PRADESH.

General

- 1) Name of the Lessee to be submitted as PREMIER MICA COMPANY correctly on the cover page and also in the text.
- 2) Grant Order in respect of the mining lease to be annexed and the GO Ms. No with date to be submitted in the introduction. The Proceedings no with date in respect of lease deed execution to be annexed and mentioned in the introduction chapter.
- 3) Details of Nominated owner to be submitted and the declaration towards nominated owner duly signed by the partners to be submitted.
- 4) State Govt authenticated Lease sketch along with boundary pillar co-ordinates to be submitted.
- 5) Review of mineral reject / sub grade, dump rehandling/mining , PMCP measures and back filling needs to be submitted. Review of Production, Development, Plantation and Exploration needs to be submitted correctly. Reasons need to be submitted for deviation.
- 6) Status of compliance of violations pointed out by IBM to be submitted.
- 7) Indicate and give details of suspension /closure/ prohibitory order issued by any Government agency under any rule or Court of law.
- 8) All the annexures need to be submitted and numbering to be corrected.

Geology

- 9) Detailed local geology should be furnished detailing the nature of mineral, number of veins, veins width, depth of proved ore and other associated minerals. The general strike and dip and other structural aspects if any should be furnished.
- 10) In the pit area the level of un-mined portion to be shown. All the Sample location to be demarcated in the Geological plan. Geological map to be updated based on the Vermiculite Mineral exposure in the existing quarries and trial pits dug in 2018-19. The Geological section is not matching with the field condition and occurrence of Vermiculite mineralization. The Geological section to be prepared on the basis of updated Geological Plan and the UNFC coding to be shown.
- 11) Details of Trial pit like Trial pit no, dimension, top & bottom RL, co-ordinates to be submitted. The lithologies of trial pits and pits need to be submitted along with the chemical analysis. Details of quarry/pit sampling like pit no, sample no, location, thickness of sample, top & bottom RL of samples collected from pit need to be submitted.
- 12) All the existing quarries, trial pits made should be considered for estimation of reserves/resources. The detailed meter-wise litho logs of DTH bore holes, the quarries and trial pits should be signed by the qualified person and the chemical analysis should be submitted. The Laboratory analysis reports of all the samples needs to be submitted. 10% check samples needs to be analysed from NABL/Govt Laboratory and report needs to be submitted. NABL accreditation certificate of the laboratory which carried out chemical analysis should be furnished.
- 13) Recovery percentage and the bulk density study to be carried out in the Vermiculite mineral zone by any Govt agency or NAEL accredited laboratory and report thereof should be submitted. The recovery test should cover entire strike, width and depth of mineral zone.
- 14) In the parameters considered for reserves/resources estimation, the cut off grade to be submitted for chemical and physical properties of vermiculite else the attributes based on which vermiculite is considered as marketable should be furnished. UPL depth to be submitted and UPL boundary to be demarcated in the Plans and sections.

- 15) The category of the deposit should be designated based on MEMC Rules, 2015. In geological axis justification, the distance between the trial pits and quarry/pit sampling location should be furnished to justify the scale of exploration designated. The sample preparation method to be submitted. In the feasibility axis justification the costing, marketing, economic viability needs further detailing.
- 16) The resources/reserves should be re-estimated based on revised geological cross section, recovery percentage established and bulk density.
- 17) With respect to all the above mentioned points in Geology section the reserves/resources needs to be established as per MEMC Rules-2015.
- 18) Exploration is to be proposed to explore the potential mineralised area upto G1 level. Further year wise area proposed to be explored in different level needs to be submitted.

Mining

- 19) Briefly describe the existing as well as proposed method of working with all design parameters indicating on plans /sections.
- 20) Details of existing mining pits/quarries to be submitted with pit/quarry no, dimension, co-ordinates, max and min level, no of benches.
- 21) Mining should be proposed in an area which has been explored atleast in G1/G2 level exploration. Mining proposal should be submitted for systematic and scientific mining operation, clearly depicting the year wise bench movement. Year wise waste dumping proposal to be demarcated in the production and development plan. The year wise production and development sections need to be prepared again on the updated geological sections. In the year-wise tentative Excavation details pit no to be mentioned.
- 22) Describe the layout of mine workings, pit road layout, the layout of faces and sites for disposal of overburden/waste along with ground preparation prior to disposal of waste, reject etc. Location of the year wise proposed mining area needs to be submitted. UPL or ultimate size of the pit is to be shown for identification of the suitable dumping site.
- 23) The detailed calculation for requirement of manual labour should be furnished.
- 24) Details like dump No, dimension, co-ordinate, volume, type of mineral/waste and quality of the existing waste and mineral dumps need to be submitted.
- 25) Year wise area to be utilised for mining, top soil and waste dumping, afforestation to be submitted.

Stacking of Mineral Reject/Sub Grade Material and disposal of Waste

- 26) Physical and chemical requirement of different type industries in which Vermiculite is used to be submitted at chapter 5.
- 27) Year wise Top soil to be generated and its year wise stacking and utilization to be proposed and shown in the respective plan.

Progressive Mine Closure

- 28) The protective measures to be proposed for waste dumps should be shown on relevant plans and mentioned in text. Dimension, co-ordinates to be furnished in the text.
- 29) The bank guarantee amount is to be calculated based on the area put to utilization in the PMCP plan. The minimum amount for which the bank guarantee is required wrt the last approved document as per the rule has not been submitted to this office.

Plates

- 30) The bench mark is to be established in the mine and three permanent GCP points on whose basis the survey has been conducted to be shown in the surface plan.

- 31) In Conceptual Plan, five yearly block-wise mining and allied proposals up to end of lease period or life of the deposit which ever earlier should be furnished involving all activities mining and environment management aspects. The proposals of backfilling should be proposed considering the waste generation and availability of mined out land up to end of life of the deposit.
- 32) In Geological Plan, dip and strike of the mineral should be shown. Future exploration should be proposed along the strike length of veins to prove the ore at depth in grid pattern. The proposed financial year and type of exploration proposed should be indicated.
- 33) Geological sections should be updated. Ultimate pit limit should be marked in geological sections to determine the resources blocked up.
- 34) In year-wise production and development plan, proposed production should be restricted to zone of exploration zone with G1 and G2 area. The year-wise quarry position should be shown with reduced level of proposed benches.
- 35) In Reclamation and rehabilitation Plan the year wise area to be put to use for mining, the environmental protection measures for existing waste dumps, environmental monitoring locations and proposed plantation area to be demarcated. Accordingly, details should be furnished in text.
