



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)-27539992/27539993
Fax No.(TF): (040)-27539991
No. 659(570)/MC/2008/NLR.

Room No.603, 6th Floor,
CGOTowers, Kavadiguda,
Secunderabad.-50008.
Date: 16.02.2021

To
Shri G.Bharath, Managing Partner,
M/s.Sri Krishna Mining Co.,
Goginenipuram, Nellatur Post,
Gudur -524 101
SPSR Nellore District
Andhra Pradesh State.

Sub: Submission of Review of Mining Plan in respect of Vasanth Kalyani Mica Mine of Sri Krishna Mining Company over an extent of 4.04 ha. in Sy.No. # 801 of Molakalapundla Village, Sydapuram Mandal, SPSR Nellore District of Andhra Pradesh under Rule 17(2) of MCR 2016.

Ref: Your letter No. nil dated 11.01.2021.

Sir,

With reference to your letter cited above on the subject, the site inspection was carried out on 05.02.2021 by Shri S.K.Muduli, JMG accompanied by Shri G.Bharath, managing partner and Shri P.Vishwam, Qualified Person. The draft Review of Mining Plan has since been examined, the scrutiny comments have already been forwarded to you and your Qualified Person on respective e.mail ids i.e kmc@hotmail.co.in and anoosrims@gmail.com as submitted in the document.

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 to 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,

Sh Kumar
16/2/21

(Shailendra Kumar)

Regional Controller of Mines

Copy to Sri P.Viswam, Qualified Person - for information and necessary action.

Sh Kumar
16/2/21

(Shailendra Kumar)

Regional Controller of Mines

मूलपतिपरनहीं

खाननियंत्रक (द), भारतीय खानब्यूरो, बंगलुरु।

शैलेन्द्र
16/2/21

(शैलेन्द्र कुमार)

क्षेत्रीय खाननियंत्रक

Scrutiny comments on the Review of Mining Plan submitted by M/s Krishna Mining Company in respect of Vasanth Kalyani Mica Mine (4.04 Ha.) in Sy No- 801 of Molkalapundla Village, Sydapuram Mandal, Nellore, Andhra Pradesh after field inspection dated 05.02.2021.

General

1. The mining Plan document should be prepared as per the format prescribed in IBM Manual on appraisal of Mining Plan-2014.
2. The mine working shall be proposed and carried out as per MMR 1961 and circulars issued by DGMS there under.
3. As per the Section 8A (3) of the Amended MMDR Act-1957 in 2015, all mining leases granted before the commencement of the Mines and Minerals (Development and Regulation) Amendment Act, 2015 shall be deemed to have been granted for a period of fifty years. After amendment of the said act no Modification of Mining Plan has been approved towards change in lease period. Hence The document heading to be submitted as “Modification of Mining Plan” instead of Review of Mining Plan including Progressive Mine Closure Plan” of Mining Plan.
4. In the cover page the rule position under which the review of Mining Plan has been submitted needs to be submitted correctly.
5. All the Certificate, Undertaking and Consent Letter needs to be prepared in te Partnership Firm letter head and be submitted.
6. In the Qualified Person’s Certificate the Year of Commencement of the MCDR Rules needs to be submitted as 2017 instead of 2018.
7. Certificate of Partnership Firm registration of The Krishna Mining Company needs to be submitted.. The reconstituted Partnership deed needs to be notarised and copy of the same be submitted.
8. Lease sketch along with boundary pillar co-ordinates authenticated by the State Govt needs to be submitted.
9. Date of expiry of lease be submitted as per new MMDR amendment 2015 and the Status of lease period extension per section 8A of MMDR Act-1957 needs to be submitted..
10. Distance from NH by road and the approach details needs to be submitted.
11. Chapter-4 (Stacking of Mineral reject /Sub grade material and Disposal of waste) needs to be submitted as per the format of IBM Manual on appraisal of Mining Plan-2014.

Review

12. Details of the approved Mining Plan/Review of Mining Plan/Modification need to be submitted in tabular form.
13. The reason for submitting modification in Mining plan need to be submitted for the deemed extension of lease period as per section 8A(3) of MMDR Amendment 2015. The order of the State government for the purpose be enclosed.
14. Review needs to be submitted from 2014-15 onwards with year wise level wise for size of openings. Also review needs to be submitted year wise for ROM and Minerals.
15. The violation pointed out needs o be mentioned as it is as per the violaion letter along with the rule position.
16. Year wise production and despatch figures in respect of Quartz, Feldspar, Mica and Vermiculite for the years 2014-15 to 2019-20 and also for 2020-21(Upto 31.12.2020) duly authenticated by state Government needs to be submitted.

Geology and Exploration

17. The scientific basis for assessment of recovery of different mineral needs to be established or it may be got done from some Government laboratory or the NABL accredited laboratory.
18. Feasibility report should be submitted..

Mining

19. Since machinery is used for hoisting (loading and transportation) the material from underground, the category of the mine may be submitted as category ‘A’ mines.
20. As 2020-21 will end after one and half month the exploratory mining proposal for 2020-21 needs to be reduced accordingly.
21. The year wise exploratory mining be submitted in tabular form:

year	Level	Drive	Size of opening	Length of development	ROM (in cu m)	ROM (in Tonnes)
		Cross cut raises				

--	--	--	--	--	--	--

22. Exploratory Mining has been done upto 10th level (108m) and it has been proved that mineral is continuing from surface to 10th level (108m), but no stoping has been proposed yet to remove the entire mineral. Reason for not opting for stopping needs to be submitted.
23. Further Scientific Study report for selecting suitable method of stoping carried in this regard by CIMFR needs to be submitted.
In light of the above comment discuss the sequence of stoping the blocks within the developed area and the future development in brief. The method of underground development should be planned in accordance with the method of stoping. As such briefly describe the method of stoping. The approval of DGMS for the method of development and the method of stoping be submitted as well.
24. Briefly discuss total explosive requirement in a year as well explosive requirement viz-a-viz the magazine capacity need to be discussed.
25. Underground workings shall follow the provisions of reg.107 of Metalliferous Mines Regulation-1961.
26. Support of workings shall be as per reg. 112 of MMR 1961 and Code of Timbering rules/Systematic Supporting Rules framed for the mine shall be submitted.
27. Ventilation provision in the underground mine should be as per Metalliferous Mines Regulation-1961.
28. Transport of men and materials –Haulage should be as per reg.95 of Metalliferous Mines Regulation-1961.
29. Electrical installations in mining lease area and in underground shall adhere the Central Electricity Authority Regulations (Relating to Safety and Electricity Supply) 2010.
30. The employment of manpower should be proposed as per Metalliferous Mines regulation-1961. The employment potential be reviewed realistically considering the provision of a part time mining engineer, a geologist for category B mines, the number of drilling and mucking crews required and the number of persons in each crew, the operators for hoisting system and the surface staff for transportation of the rock to the dump yard, mine workers above ground etc.
31. Conceptual mine planning needs to be prepared as per the format of IBM Manual on appraisal of Mining Plan-2014.

Mine drainage

32. Briefly discuss the make of water viz-a-viz the pump capacity.
33. The water danger plan be enclosed showing the location of sump, provision of pumps, its capacity.
34. Source of maximum and minimum water table needs to be submitted.

Use of Mineral and Mineral Reject

35. Describe briefly the requirement of end-use industry specifically in terms of physical and chemical composition for mineral Mica, Quartz, Feldspar and Vermiculite.
36. Indicate precise physical and chemical specification stipulated by buyer for mineral Mica, quartz, Feldspar and Vermiculite.
37. Give details of processes adopted to upgrade the ROM to suit the user requirements.

Progressive Mine Closure Plan:

38. The land put to use and Financial assurance be corrected considering the area disturbed by underground as well as opencast workings instead of the area damaged by surfacial degradation alone.
39. Water Management Plan need to be discussed: The water quality monitoring be proposed along with necessary steps to ensure that the quality of water before release is within the permissible parameters.

Plans and sections

40. The plans and section needs to be prepared as per rule 61 of Metalliferous Mines Regulation-1961 and rule 31, 32 of MCDR-2017.
41. In the 6th level the exploratory mine development is shown only for 6m length where as it is about 20m length. Necessary correction be done in the plan and at other relevant sections and relevant place in the text. The position of mineral stock needs to be shown correctly.
42. Date of survey need to be submitted.
43. The Environmental plan should be prepared as per rule 32(5)(b) of MCDR-2017.