



GOVERNMENT OF INDIA  
MINISTRY OF MINES  
INDIAN BUREAU OF MINES

Office of the Regional Controller of Mines

No. AP/KNL/MP/Lst-117/Hyd

Room No.603, 6th Floor,  
CGO Towers, Kavadiyada,  
Secunderabad.-500080.

Date: 15-6-18.

To  
Shri R Ram Mohan Reddy, Proprietor,  
M/s Shiva Laxmi Minerals,  
H.No. 14/134, Sunder Singh Colony,  
At & PO Dhone - 518 222,  
Kurnool District (A.P.)

Sub: Submission of Review of Mining Plan in respect of Malkapuram Limestone & Dolomite mine over an extent of 16.445 ha. In Sy. No. 521, 523, 643 & 644/B2 of Malkapuram village, Dhone Mandal, Kurnool District of AP State submitted under Rule 17(1) of MCR, 2016.

Ref: Your letter no. nil received in this Office on 21.5.2018.

Sir,

With reference to your letter cited above on the subject, the scrutiny of draft Review of Mining Plan has since been examined and found certain deficiencies as given in Annexure. The same scrutiny comments have already been forwarded on your e mail id [gharendra@gmail.com](mailto:gharendra@gmail.com) QP submitted in the document.

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.Three lakhs/hectare for category 'A' mines provided that the minimum amount shall be Rs.Ten lakhs and @ 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,

Orc (Panaji Kishorestry)  
Controller of Mines  
Copy for information & necessary action to Shri G Harendra, Qualified person, H.No. 3-163,  
Chandracharla Village & PO 515 641, Kanaganapalli Mandal, Anantapur District A.P.

Encl:a/a

मूल पति पर नही  
खान नियंत्रक (च), भारतीय खान ब्यूरो, बेंगलुरु।

Orc (Panaji Kishorestry)  
Controller of Mines

Orc

(पंकज कृष्ण रेस्ट्री)  
खान नियंत्रक



Scrutiny comments on examination of Review and updation of Mining Plan in respect of Malkapuram Limestone and Dolomite mine of M/S.Siva Lakshmi Minerals Prop :Sri R.Ram Mohan Reddy over an extent of 16.445 Ha. situated in Sy.no.521,523,643,644/B/2(P) of Malkapuram Village, Dhone Mandal, Kurnool Dist. of Andhra Pradesh State submitted under Rule 17(2) of MCR, 2016.

**General:**

1. The cover page should clearly display Registration no under rule 45 of MCDR 2017, Mine code, total lease area details, land type and full Address details of the lessee & Qualified person including their phone number ,Fax number ,E-mail I.D.
2. Previous pits have not been marked. Hence the Survey of the lease area has not been properly carried out where in the pits and haul roads have not been updated as per the provision of rule 27 of MCDR, 2017. Total re-survey need to be takenup.
3. The pit dimensions shown in the Surface plan & Geological Plan does not confirm to the ground conditions, The pits have not been properly depicted.
4. The document contains several Typographical errors and need to be corrected. Further the document need to be re-casted as a whole owing to several omissions and commissions which are uncalled for. The document may be prepared as per the guide lines displayed in the website.
5. Boundary pillars have not been erected as per the provision of rule 12(v) of MCR 2016, the same should be complied and submitted with the photographs.
6. It was informed that As per section 8A(3) OF Mines and Minerals (Development and Regulation)Amendment Act .2015. the mining leases granted before the commencement of act, shall be deemed to have been granted for a period of 50 years..The deemed extension of lease period upto 07.09.2056,is under process and G.O. yet to be issued by the state Government, documentary evidence has not been appended
7. QP should sign in all the papers of the document and other persons required as per statue should sign the document.
8. Para 3.3(Review of earlier approved proposals---): The year wise review of each subhead be done. This para has been done very casually without proper justification. Review has not been submitted upto 2017-18. Production(ROM of Limestone, Dolomite) be given separately.
9. Para 3.4(Status of compliance of the Violations-----): The violations and compliance thereof during the review period be furnished in Tabular form. The copies of relevant violations and replies be furnished in Annexure form.
10. Details of suspension/ closure /prohibitory orders issued by any Government under rule has not been appended
11. The contour lines and values thereof have not been distinctly written on Plans. In Para 3.0, the information about Plan, Review/MMP if any approved by State Government in respect of Dolomite also be submitted.

**PART-A**

12. Para 1.0 b (Regional Geology-----): The formation occurring in the area has not been properly equated with Regional Geological setup. At places the formations have been dealt as Kurnool group of formations(Vindhyan) and at places they have been said to Vempally formation of Cuddapah group.
13. Para 1.0 ( c) (Local Geology): The strike of the formations has not been properly designated(NEE-SWW). The soil thickness above the Limestone has not been mentioned. The locales of the formations with the aid Geological map be spelled out.

14. Para 1.0 e) (Details of Prospecting/ Exploration already carried out): The pit dimensions given in the Text does not conform to pits shown on the plan. It is said that no exploration has been carried out and a mention has been made about the exploration in the adjacent ML which is a informative and it can not be taken into account for any reserve estimation purpose due to their disposition. The sample details like type of sample, its location and no. of samples etc have not been furnished. Pit/face samples, chip sample analytical results of Limestone from pit-1 be submitted.
15. Para 1.0 i) (Future Programme of Exploration): The future programme of exploration be reviewed as per the comment at para 1.0 e).None of the proposed Boreholes have been shown on the Surface Geological Plan. Due justification be done for the proposed exploration
16. Para 1.0 j) & k) (Reserve and Resources as per UNFC & Detailed calculation of Reserves/Resources.): The parameters considered for Reserve estimation be reviewed as per the para 1.0 e) and a fresh attempt be made for the estimation of Reserve and accordingly the UNFC codes be assigned. The pit locations for carrying out field tests like Recovery and bulk density be marked on the Geological plan. The calculations thereof also be furnished. The quantity of top soil also be assessed.
17. Para 2 a) (Briefly describe the existing as well as proposed method-----): Present status of working should be submitted incorporating, dimensions of quarry, grid lines, top RL, bottom RL, No. of benches etc. The bench slope ( $70^{\circ}$ ) is on steeper side and the benches may not with stand with a given height owing to the loose compactness/rock strength of carbonate formations.
18. Para 2 b) (Insitu tentative excavation----): The bench wise and year wise excavation calculations with the dimensions be furnished with the aid of grid lines. Taking into consideration previous year's production, the proposed production is on too higher side which need to be drastically brought down.
19. Para 2f(Conceptual Plan----): This para be reviewed as per the outcome of the para 1.0 j & k).
20. Para 4.0 (Stacking of Mineral reject/sub grade mineral--): The quantities of top soil, waste, mineral reject etc have not been furnished.
21. Para 5.0 (Use of mineral and mineral reject): The mineral consuming industries names their specification (physical & chemical) be furnished.
22. Para 7.0 (Other): Employment potential be reviewed as per the comment vide para 2 b).
23. Para 8.3.1 (mined out land): There were two areas where backfilling took place in the previous approval of the document. The same has not been reflected in the present submission. The proposed plantation location be given.
24. Para 8.6 (Financial Assurance): A financial assurance in the form of Bank Guarantee for the area put to use be calculated @3,00,000 per Ha be submitted.
25. A copy of the M/s Shiva Laxmi Minerals firm be furnished.
26. Limestone analysis report has not been furnished.
27. Feasibility study report need to be modified as per the comment vide para 1.0 J) & k)

#### PLATES

1. Plate-1 Key plan should be submitted as per the provision of rule 28 of MCDR,2017, the area of 5 KMs around the lease area should be considered and all the details within this area as per statute should be incorporate.
2. Plate-2 The lease sketch has not been authenticated with the Geo coordinates by the concerned Surveyor and ADMG. Without proper authentication of Geo coordinates on the Lease sketch, the other plans and section generated based on such lease sketch cannot be considered for processing of the document.
3. Plate-3 Surface Plan: All the surfacial features including pits have not been properly depicted. The pits disposition and reclaimed area along the 7.5m buffer zones have not been shown.

The area need to be re-surveyed. The plan has not been certified by the qualified Surveyor for its correctness. TBM has not been marked.

4. Plate-4 Geological plan: The Geology has not been properly shown. The proposed boreholes have not been marked. The Scale of the exploration be marked as per the comment vide para no.1.0 J &k).UPL be redrawn.
5. Plate-5 Geological Sections: None of the sections drawn are in conformation with the Geological exposures/ subsurface formations. G-axis only be marked on the Geological sections. Depth persistence be shown based on the formation interception either through mine workings/trial pits etc.
6. Plates 6A 6B & 6C(Pit Lay out 2018-19, 19-20 & 20-21); Soil cover has been shown in mine workings. Ramp/approach road be shown in the area earmarked.
7. Plate-7 (Sections showing yearly workings): Section be redrawn as per the comment vide para 1.0 j) and k).
8. Plate-8 (Environment plan) The plan submitted is sketchy. The approach road to the mine has not been shown, Land use pattern and adjacent mines have not been shown.
9. Plate-9 & 9A (Conceptual plan & section): This plate be revised as per the comment vide para 1.0 j & k.
10. Plate-9 Conceptual Section: No. of sections drawn does not serve any purpose by merely showing plantation over the profile. The benches and workings be properly shown. The sections are sketchy.
11. Plate-10 (Financial area assurance Plan) : This Plan be revised as per the modification in surface plan and other plans.

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