

Inspection report cum scrutiny comments on the Mining Plan and Progressive Mine Closure Plan for Nandavaram-venkatapuram limestone block (24,739 ha.) at Nandavaram Vankatapuram village, Banganpalli Mandal, Kurnool Andhra Pradesh.

1. The true copies of the geological report and precise area plan of the allotted area, issued by State Government be enclosed.
2. It has been noted that the lease is granted over 24.739 hectare area , including 1.38 hectare for mining amenities. The reserves have been assessed over 23.359 hectare by the State Government. The same should be recorded in Introduction chapter
3. The limestone production from this mine has not been assessed considering all the leases for which LoI / lease has been granted. Further the limestone requirement for the present plant capacity was submitted in the previous approved document as about 3 million tonnes but now it has been increased to 3.2mT for the same plant capacity, which is incorrect.
4. In light of the above, the present and proposed production proposal be given for feeding mines for this plant.
5. The IBM registration number has been allotted for Sree Jayajothi Cement Limited, whereas the document is submitted in the name of Sree Jayajothi Cement Private Limited. Hence the correct registration number be submitted.

#### Geology and Exploration

6. The information about vegetation need to be correctly given. The pre mining land use need to be checked from the revenue record and submitted.
7. In the document , the mineral has been submitted as lime kankar whereas it should be submitted as Limestone as the state government has done corrections in the NIT document. Correction required. The copy of the said correction order be enclosed as well.
8. In para 2.0 E submit if the UTM gridlines have been followed, the UTM coordinate of the bench mark w.r.t which the surface map has been prepared. The check dam lying in the lease area has not been plotted.
9. In the plans , Ultimate Pit limit need to be plotted.
10. In para 2.0 (I), the reason for proposing exploration need to be recorded. One deep core borehole to decipher the bottom flaggy limestone depth and quality be proposed.
11. In para 2.0(J), page 18 , point no 1, submit the areas under different geological level of exploration .
12. In para 2.0(J), page 20 (mining) , the entire area be worked in a single lift using excavation light of the fact that the maximum mineral thickness encounters is 4.1 m using appropriate machinery. The working should be proposed in two benches. One for top soil and other for the mineral.
13. It has been submitted in the document that separate development for removal of soil is not required which is not acceptable. Top soil need to be stacked separately for reclamation and rehabilitation.
14. In para 2.0(J(environment), the base line data be submitted as per MoEF/ IBm, guidelines.
15. In para 2.0(J(Infrastructure), The area under infrastructure be submitted.
16. In para 2.0(J)(Costing), The costing information is not realistic, the cost of production as 324 Rs PMT is not realistic and is even more than the deep mines with drilling and blasting.Hence be corrected.
17. The capital cost and operating cost be submitted separately and economic analysis be submitted.
18. It has been noted that 1,66 million tonnes of geological resources have been assessed but the mining losses have been assessed on the higher side @ 15% which need to be corrected.
19. The blocked resource die to village road, 50m of seasonal nala, electric line be assessed correctly. Further the proposal be given for diversion of nala , electric line to convert the resource in reserves in this plan period.
20. On page 26, the information regarding 30% loss need to be corrected . The top soil be assessed separately on the basis of available data regarding top soil.
21. On page 27, submit the target grade / cut off grade from this mine beyond which economic mining is not possible with proper backup calculation considering the quantity

and weighted average grade of the feeding mines proposed for this plant. Ultimate pit depth be discussed.

22. The reserves / resource as per MEMC Rules be assessed and submitted correctly along with the maximum and minimum grade and the average grade.
23. Geological Plan and sections: UPL and UPD be marked on the plan sections. Level of exploration be marked on the geological plan and unfc code be given on sections.
24. Surface Plan: the check dam, transformer be marked on the plate. The certificate no of the DGMS certified surveyor be given on the plate.

#### Mining

25. In the light of comment on para2.0(j) regarding mining corrections are required in this chapter.
26. The yearwise production proposal with grade be assessed according to plant requirement and target grade for this mine. The present proposals can be approved in land for which there is no restriction only .
27. In the yearwise production & development Plan the separate benches for topsoil and mineral be proposed. The topsoil bench should be kept ahead of the mineral bench to avoid mixing. The mining proposal should not be given within 10m of the village road, correction is required accordingly.
28. The sufficiency of the place earmarked for top soil be submitted with backup calculation.
29. In para 3.0(C) regarding yearwise production and development submit the grid lines between which the working is proposed. The area to be degraded for development and the area to be degraded for production yearwise be submitted.
30. Conceptual Plan: The conceptual plan be revised in light of above comments. The mineral within UPL be assessed and accordingly the life of the mine be assessed. The conceptual land development, excavation, top soil dump generation, reclamation and rehabilitation be discussed. Conceptual land use pattern be given as per plates.
31. The conceptual pit size need to be marked as per present permissions only leaving behind the blocked resources in the conceptual plan.
32. Extent of mechanisation need to be corrected in light of the changes in yearwise production proposed.

#### Stacking of mineral reject / waste

33. The information given in this chapter under different items is incongruous and need to be corrected.
34. In item 5.(b) , submit the target grade for this mine

#### Progressive Mine Closure Plan

35. The base line data need to be submitted as per MoEF/IBM conditions for 3 months .
36. The reclamation plan need to be corrected in light of the above comments. The plantation proposal may be given at appropriate places in the area earmarked for amenities.
37. The information regarding land put to use be submitted correctly as per comments above.
38. All the plans and sections should have certificate by QP 'That the plans and sections are prepared based on the lease map authenticated by the State Government.
39. If due to aforesaid changes, the data in other chapter or plates changes, they may please be done accordingly and ensure the consistency of the data submitted in various chapters of the document.



GOVERNMENT OF INDIA  
MINISTRY OF MINES  
INDIAN BUREAU OF MINES  
Office of the Regional Controller of Mines



No. AP/KNL/MP/Lst-143/Hyd

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

Date: 26.12.2017.

To

Sri. J.Ramu Rao,Nominated Owner,  
Sreejayajyothi Cements Private Limited,  
My Home Hub,  
Block-3,9th.Floor,  
Madhapur,Opp:NIFT,  
Hyderabad-500081,Telangana.

Sub: Submission of Mining Plan in respect of Nandavaram – Venkatapuram Limestone Mine(Auction Block) of Sreejayajyothi Cements Pvt.Ltd over an extent of 24.739 Ha. in Nandavaram & Venkatapuram Villages, Banaganapalli Mandal, Kurnool dist., A.P. submitted under Rule 16(1) of MCR, 2016.

Ref: Your letter no.SJCPL/NAND-VENKA ML/2017, dated.29.11.2017.

Sir,

With reference to your letter cited above on the subject, the site inspection was carried out on 13.11.2017 by Shri Manish Mandiratta,DCOM and Shri P.Guruvaiah, AMG accompanied by Shri P.V.R.S.Raju , Qualified person, the draft Mining Plan has since been examined and found certain deficiencies as given in Annexure. The same scrutiny comments have already been forwarded on e mail id of your Qualified Person as submitted in the document. [corp.sjcpl@jothicements.com](mailto:corp.sjcpl@jothicements.com), [nagarajesh.a@myhomegroup.in](mailto:nagarajesh.a@myhomegroup.in) , [pvrusraju@myhomegroup.in](mailto:pvrusraju@myhomegroup.in) and [durgaprasadgv@myhomegroup.in](mailto:durgaprasadgv@myhomegroup.in)

02You are advised to attend the above deficiencies as per the annexure and resubmit the document complete in all respect in three bound copies alongwith 2 CDs 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,

(Manish Mandiratta)  
Deputy Controller of Mines

Copy to Shri A.Nagarajesh,P.V.R.S.Raju and G.V.Durga Prasad Qualified persons. for information & necessary action.

Encl:a/a

(Manish Mandiratta)  
Deputy Controller of Mines

मूल प्रति पर नहीं –  
खान नियंत्रक (द), भारतीय खान ब्यूरो, बेंगलुरु।

(मनीष मैदीरत्ता)  
उप खान नियंत्रक