

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

No. AP/KNL/MP/Cal-1/Hyd

Room No.603, 6th Floor,  
CGO Towers, Kavadiiguda,  
Secunderabad. -500080.  
Date:

To  
Smt. N Shakunthalavani,  
H.No. 2-19-14, Karim Bag,  
Near Old Bus Stabnd,  
Banaganapalli (Post & Mandal)  
Kurnool District, Andhra Pradesh -518124.

Sub: Submission of Modification in the Approved Mining Plan submitted by N.Sakuntala vani in respect of USHB Calcite & Limestone Mine over an extent of 20.64 ha located at S.No.USHB, Yerragudi Village, Banaganapalli Mandal, Kurnool Dt., Andhra Pradesh State submitted under Rule 17(3) of MCR, 2016.

Ref: Your letter no. Nil, dt.30.07.2018.


Sir,

With reference to your letter cited above on the subject, the site inspection was carried out on 09.08.2018 by Smt. Ch Suseela, AMG accompanied by Shri.G Harendra Qualified Person. The draft Modified 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 888vamshevikrishna@gmail.com and transitsurveys@gmail.com Qualified Person id as 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 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.

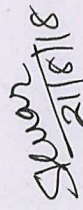
03. The para-wise clarification and the manner in which the deficiencies are attended should be given while submitting modified document.

Yours faithfully,

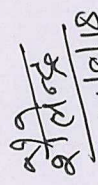
  
21/8/18  
(Shailendra Kumar)

Regional Controller of Mines  
Regional Controller of Mines

Encl:a/a

  
21/8/18  
(Shailendra Kumar)  
Regional Controller of Mines

मूल पति पर नही  
खान नियंत्रक (र), भारतीय खान ब्यूरो, बंगलुरु।

  
21/8/18  
(शैलेन्द्र कुमार)  
क्षेत्रीय खान नियंत्रक

**Scrutiny comments on the Modification in the Approved Mining Plan submitted by N.Sakuntala vani in respect of USHB Calcite & Limestone Mine over an extent of 20.64 ha located at S.No.USHB, Yerragudi Village, Banaganapalli Mandal, Kurnool Dt., Andhra Pradesh.**

**Review**

1. In para 3.3(ii) the quantity of Limestone production achieved during the last plan period should be furnished.
2. In para 3.3 (iii)(a) plantation review has been made for the period 2000-01 to 2004-05 which is incorrect as the last plan period was 2013-14 to 2017-18. Please do the review for the last plan period.
3. In para 3.4, the violation of Rule 45(5)(b)(i) and Rule 45(5)(C)(i) for non submission of Monthly and Annual Returns for the years 2015-16 and 2016-17 has not been complied.

**Geology and Exploration:**

4. It was observed in the field that there is a narrow pit in the North side of the lease area, however the same has not been furnished in para 1.0 (e)
5. Form-K in respect of 8 DTH boreholes needs to be submitted.
6. The lithology furnished in respect of core bore hole No.2 and 6 is incorrect. The Limestone occurring up to 1.8 m depth analysed as Cao-48.68%, MgO-0.89% and SiO<sub>2</sub>-8.62%, is categorized as flaggy Limestone, which is an inferior quality. In case of core bore hole No.6 also, the Limestone occurring up to 1.5m depth analysed as Cao-48.12%, MgO -0.40% and SiO<sub>2</sub>-9.68% is categorized as flaggy limestone, which is incorrect. As per the observation in the field, it is grey limestone. The same needs to be corrected in Form-K and submit.
7. The collar RL marked in the Geological sections is not matching with that of Form-K. Hence the sections may be redrawn by taking the correct RL. Accordingly, the Reserves and Resources may be re assessed.
8. The bulk density 2.5t/cu.m and recovery factor 95% has been considered for reserve estimation of Limestone and calcite without having scientific base. In page No.20, it is stated that the bulk density and recovery percentage of mineral are arrived after field tests. However the same has not been furnished.
9. In Para 1 (k) Detailed calculation of Reserves, the location of field investigation for bulk density and Recovery test and calculations thereof be furnished.
10. In the light of the above comments, the total mineral Reserves/Resources need to be reassessed with grade and categorized as per ME & MC Rules, 2015.

**Mining:**

11. In the field it is observed that there are 3 existing pits. However, only two pits were shown in the table in page no.25.
12. Development and Production planning may be revised after reassessment of reserves. Accordingly plans and sections may be redrawn.
13. In the field it is observed that some workings were extended in to 7.5m safety barrier zone in North, west and south side of ML area. Back filling is to be proposed in the encroached area.
14. Validity of explosive licence to be appended.
15. Approval of EC is to be submitted.
16. In para dump rehandling, comment as how the production was taken in previous years i.e, 2013-14 and 2014-15 from dumps. The area from where the production has been taken in 2013-14 and 2014-15 be submitted in plates and few photographs of the same be annexed.
17. In para 5.0, Use of Mineral and Mineral Reject, the buyer's specification is furnished as Cao-50-54% whereas the chemical analysis of the core samples shows that the Cao% ranges from 39 to 48% only. Please justify.

**PMCP :**

18. Area under mining is to be revised by considering the third pit. Accordingly, area put to use needs to be revised and the financial assurance is to be re calculated and submitted accordingly.
19. Para 8.3.5 (Year wise proposals): The reclamation proposals of 7.5m buffer zone be proposed in the year 2018-19.
20. In para 8.3.1, the mined out area at the beginning of the year 2018-19 needs to be revised as per the field conditions.
21. Para 8.6, Financial Assurance table needs to be revised.

**Plates:**

**Plate1 (Key Plan):** Approach Road to the ML area be marked. Name of the places connected by railway line and roads going out of the places should be shown.