

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)-29553603/29554603  
E-Mail : ro.hyderabad@ibm.gov.in

Room No.603, 6<sup>th</sup> Floor,  
CGO Towers, Kavadiguda,  
Secunderabad – 500 080  
Date: 02.02.2021.

AP/VZNR/MP/Mn-93/Hyd.

To  
Sri Manoj Kumar Bhalotia, Director,  
M/s Sanjay Mining Pvt.Ltd.,  
Ramabadrapuram Village and Mandal,  
Vizianagaram District,  
Andhra Pradesh.

Sub: Submission of Review of Mining Plan in respect of Chintalavalasa Manganese Mine of M/s Sanjay Mining Pvt.Ltd. over an extent of 14.261 ha. in Survey Nos.15/1 to 5,7 to 9 & 7/1 to 16 of R.Chintalavalasa Village, Ramabadrapuram Mandal, Vizianagaram District of AP State submitted under Rule 17(2) of MCR, 2016.

Ref: Your letter no. Nil dated. 20.01.2021.

Sir,

With reference to your letter cited above on the subject, the scrutiny of the draft Review of Mining Plan has since been examined and found certain deficiencies as given in Annexure. The same has been forwarded to you and your Qualified Person on respective e.mail ids ie., sanjayminingpltd@yahoo.in and ccgeoengg@yahoo.com 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 (3Nos.). In this regard, you are directed 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 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,

*Shilendra Kumar*  
2/2/21

(Shailendra Kumar)  
Regional Controller of Mines

Copy to: Sri V.T.Chander, Qualified person for information & necessary action

*Shilendra Kumar*  
2/2/21

(Shailendra Kumar)  
Regional Controller of Mines

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

*शैलेन्द्र कुमार*  
2/2/21

(शैलेन्द्र कुमार)  
क्षेत्रीय खान नियंत्रक







Scrutiny comments in respect of R Chintalavalasa Manganese Mine of M/s Sanjay Mining Co. Pvt. Ltd over an extent of 14.261 Ha in R. Chintalavalasa village, Ramabhadrapuram Mandal, Vizianagaram district of Andhra Pradesh State.

Text :

1. In cover page: Lease period etc. should be furnished.
2. In Certificate/ Undertaking/ Consent submitted by the applicant the following details should be furnished
  - i. Name of the person signing with designation in the company
  - ii. Date and Place
3. All the tables in the text should be serially numbered.

**Review of Mining Plan**

4. In the year wise excavation: details of production of ROM ore, Mineral reject (Considering recovery %), waste/ intercalated waste/ mineral reject furnished in the review chapter is not in consonance with Annual returns submitted.
5. Details of pit wise exploitation, reclamation carried out in the lease area should be furnished against the approved proposals. Justification is to be furnished for any deviations in this regard.
6. Compliance status of violation pointed out by IBM with present status supported with documentary evidence should be furnished in para 3.4.

**Geology and exploration**

7. Local geology: Details of litho units furnished is not in consonance with litho units shown in Geological sections.
8. Bore holes drilled so far in the mineralised area are terminated within ore zone and ore occurrence seems to be continuing. In this regard future exploration of angular bore holes should be proposed to establish the ore occurrence up to contact zone as required under the provision of rule 12(4) of MCDR 2017. Accordingly, exploration proposal should be modified.
9. Phase wise exploration carried out in the lease area should have been furnished in tabular form incorporating no. of bore holes, year of drilling, total meterage, type of drilling (DTH/ Core), maximum and Minimum depth etc.
10. Area explored in G1, G2, G3 scale be furnished in tabular form.
11. Following discrepancies are observed in Reserves/ Resources assessed
  - i. Manganese ore reserves of 2990 MT, 6670MT & 7360 MT is assessed in sections E-E', F-F', G-G' is whereas no ore body depicted in the Geological section submitted in plate no.V.
  - ii. The Sub grade ore between 10% Mn (Threshold value) to 20% Mn content is not assessed.
12. Refer table no.11; Weighted average grade of Reserves and Resources assessed should be furnished.

**Mining**

13. Refer page no.37, para 2.0A(a): it is proposed to develop quarry by maintaining 3 meters bench height and width, which is incorrect as per the statute. The bench width should be (i) 3 times the width of largest machine deployed or (ii) more than bench height, whichever on higher side. Accordingly the pit lay out be proposed and year wise development plan should be suitably modified.
14. In computation of HEMM, maximum excavation in any year (35550 cum) of proposed plan period should have been considered instead of total excavation of 3 years (92,733 cum).
15. Control blasting technique to be proposed, as there is village nearby the lease area.

**Conceptual plan**

16. Conceptual plan prepared is sketchy and not as per the guidelines. UPL/ economic depth has to be determined and Status of mine at the end of this proposal plan period as well as at the end of life of the mine should be considered & furnished. Status of Reclamation & Rehabilitation of mine, Waste dump, other area degraded etc. at the end of life of the mine should be depicted.

**Stacking of Mineral Reject/ Waste dumping**

17. Page no.49, protective measures like Retaining wall along bottom periphery of existing waste dump yard, garland drain, settling pond etc. to be proposed and submitted.



**PMCP**

18. Refer page no.58, Details of Environment monitoring in core zone as well as in buffer zone needs to be carried out as this being category A fully mechanized mine.
19. Refer page no.61, summary of year wise proposal of protective measures

**Plans and Sections**

20. Plans and sections should be prepared as per the lease sketch authenticated by State Government and incorporating the details within lease area only.
21. Key plan: Key plan should be prepared incorporating the details as per the provision of rule 32(5)a of MCDR,2017.
22. Surface Plan:
  - i. Surface plan should be duly dated and signed by qualified Surveyor with certification no. for its correctness of survey.
  - ii. Pit nos., waste dump etc. should be shown.
  - iii. Surface plan should be updated as per rule 31(4) of MCDR 2017 as last updated was on 02.10.2019 more than one year old.
23. Geological Plan:
  - i. Geologist appointed under rule 55 of MCDR 2017 should sign the geological plan and section.
  - ii. Sections should be shown distinctly in plan.
  - iii. UPL should be marked distinctly.
24. Geological sections:
  - i. UPL and UNFC codes should be shown in all sections for clarity.
  - ii. All the bore holes drilled so far should be indicated in sections.
  - iii. Pits dug for recovery test as mentioned in page no.33 should be shown.
25. Exploration done in the lease area are not depicted in G1, G2,G3 scale in relevant plans and sections.
26. Year wise development & production plan
  - i. Year wise development & production plan in 1 : 500 scale be submitted for clarity.
  - ii. Ultimate Pit Plan should be submitted.
27. The Conceptual plan should have been submitted in 1 : 1000 scale for clarity.

**Soft copies:**

1. All plans should be furnished in soft copy "in .kml or .shp file"(KML or shape files).
2. Co-ordinates of lease boundary pillars should be furnished in soft copy "in .kml or .shp file"(KML or shape files).

In view of the above comments relevant para, plans and section should be suitably modified.

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