



भारत सरकार/Government of India
खान मंत्रालय/Ministry of Mines
भारतीय खान ब्यूरो/Indian Bureau of Mines
हैदराबाद क्षेत्रीय कार्यालय/Hyderabad Regional Office



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Room No.603, 6th Floor,
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Secunderabad – 500 080
Date. 31.12.2018.

To

M/S B V Joshi Mines & Minerals,
Ganigattu Iron Ore Mines,
Ramalakota (V), Veldurthy (M),
Kurnool-518 217,
Andhra Pradesh.

Sub: Submission of Review of Mining Plan in respect of Ganigattu Iron Ore Mines of M/S.B.V.Joshi Mines & Minerals over an extent of 19.00 Hc. in Sy.nos. 342, 342/A, 343 in compartment of 77 of Emboyl RF, Sarparajapuram Village, Veldurthy Mandal, Kurnool district in respect M/s B.V.Joshi Mines & Minerals submitted under Rule 17(2) of MCR, 2016.

Ref: Your letter no. nil dated. 08.12.2018.

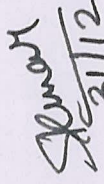
Sir,

With reference to your letter cited above on the subject, the site inspection was carried out on 18.12.2018 by Smt.Ch.Suseela, AMG accompanied by Shri P.R.Mishra Qualified Person and Mines representative. The draft Review of Mining Plan has since been examined, the same scrutiny comments have already been forwarded to you and your Qualified Person on respective e.mail ids i.e bjjoshimines13@gmail.com and earth_environment2008@yahoo.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 (2Nos.). 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(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,


31/12/18

(Shailendra Kumar)
Regional Controller of Mines

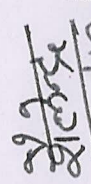

31/12/18

(Shailendra Kumar)
Regional Controller of Mines

Copy Shri P.R.Mishra, QP for information and necessary action.

मूल पति पर नहींकथ

खान नियंत्रक (द), भारतीय खान ब्यूरो, बंगलुरु।


31/12/18

(शैलेन्द्र कुमार)
क्षेत्रीय खान नियंत्रक

Scrutiny Comments of Review of Mining Plan in respect of Ganigattu Iron ore mine over an extent of 19.0 ha in Sy.no. 342, 342/A, 343 in compartment of 77 of Emboyl RF, Sarparajapuram Village, Veldurthy Mandal, Kurnool district in respect M/s B.V.Joshi Mines & Minerals.

1. In the cover page Mining plan period is mentioned as 2018-19 to 2022-23 instead of 2019-20 to 2023-24. Type of area Forest/Non Forest is to be furnished. Category of Mines is mentioned as Semi mechanized. It is to be mentioned as Other than Fully Mechanized as there is no semi mechanized category. Please make the corrections.
2. Introduction chapter may be detailed with the date wise developments along with all statutory clearances. The status of deemed extension of the lease period under section 8 (A) of MMDR Act, 2015 may also be furnished.
3. In para 1.0 © , all the minerals specified in the G.O are to be furnished.
4. In para 3.0 (Details of approved mining plan-----) The details of the Mining Plans/ Schemes of Mining approved since beginning are to be furnished.
5. In para 3.3, under Review of exploration, the details of the core bore holes drilled in different phases should be given with Form- I and Form- J status.
6. In para 3.3, there is a deviation in production, development, afforestation and Reclamation & Rehabilitation, which may be justified.
7. In para 3.4 (Give status of compliance-----) All the violation letters issued during the last plan period and its compliance may be furnished in tabular form.
8. In para 1.0 (e), it is stated that 14 trial pits are made in the mining lease area. But in Table No.9, details of 15 trial pits have been given. Please clarify.
9. In table 10. The details of 92 core bore holes should be given year wise with depth, RL and Lithology etc. Table should be modified accordingly. Form-J erstwhile Form-K has to be submitted for the 65 core bore holes which were drilled during the last plan period. Some of the core boxes were found without splitting of the core. The same should be analysed meter wise with 10% core samples in NABL for all minerals specified in the G.O. Accordingly Form –J has to be submitted with complete analysis report.
10. In para 1.0 (e) (iii) (Details of sample analysis-----) It is stated that 88 representative samples were collected and analysed in NABL Lab. However, the analysis report of the same has not been submitted and the location of the samples have not been marked on the geological Plan.
11. In para 1.0 (f) : Some of the features shown in the surface plan are not matching with the field conditions. Hence the total lease area is to be resurveyed and surface plan is to be updated. Accordingly all other plans and sections are to be redrawn.
12. In para 1.0 (i) (Future programme of exploration) : Already drilled bore holes are in a grid pattern of 50 x 50m, which comes under G2 scale of exploration. However, G1 boundary has been marked in Geological plan though the total area is not coming under G1. For category II deposit, all core drills are to be drilled in a grid pattern of 50 x 25 m to bring the area in to G1 scale of exploration in compliance of rule 12(4) of MCDR,2017. Therefore, drill holes may be proposed in dip direction in the anticipated reef deposit within the folding area of Anticline and syncline in block A and B to bring the area in to G1 scale of exploration.
13. The details of the proposed core bore holes should be given in a tabular form by giving Type of drill hole, location, proposed depth, RL etc., Accordingly table needs to be modified.
14. In para 1.0 (j) (Reserves and resources) : Ferruginous shale is wrongly mentioned as manganese shale. All the Reserves are estimated under G1 category, which is incorrect as only part of area falls under G1 and the rest in G2. The G1 and G2 scale of exploration has to be marked separately in Geological Plan and the reserves and resources are to be reassessed and the codes to be assigned accordingly.

15. It is stated that the deposit is classified under category –II for the in situ ore and category-VI for float ore, which is in correct. The float ore falls under category-IV of ME & MC Rules, 2015.
16. In table No.12, bulk density of 3.5 t/cu.m is considered for reserve estimation of float and reef ore. But as per the report of Andhra University, the bulk density is 2.93 t/cu.m, which is contradictory. The reserves may be reassessed by taking 2.93t/cu.m as per the report of Andhra University. The depth may be specified instead of RL. The bulk density of 2.6t/cu.m considered for Red ochre and yellow ochre seems to be on higher side. Mining losses to be taken into account while assessing the recovery factor.
17. In Geological axis, it is stated that 5 number of trenches instead of 6 trenches and the Geological axis is considered as G1, which needs to be corrected as G2 as the grid pattern of core drills are in 50 x 50 m. Accordingly, feasibility axis is to be changed from F1 to F2 and the reserves are to be categorized under probable category and the code to be assigned as 122.
18. In feasibility axis, it is stated that the recovery of ore from ROM varies from 55 to 58% instead of float ore. The cost of production may be calculated as per the last Annual Return filed.
19. In Economic axis, it is stated that the grade is increasing with depth. It is to be substantiated with the analysis report.
20. In para 3.3.1, the dimensions of the quarries may be given as per the updated surface plan. It is also mentioned that 93 core bore holes were drilled instead of 92 core bore holes.
21. In the light of the above, all the reserves and resources are to be re assessed and categorized as per the scale of exploration and the codes to be assigned accordingly.
22. Table No.20, total lease area is given as 20 ha instead of 19 ha. Please give the correct information.
23. In Page No.28, Mining method proposed is mentioned as Semi Mechanised. It is to be corrected as Other than fully mechanized as there is no semi mechanized category. It is mentioned that 20 m depth is proposed, which is incorrect as the float ore does not exist up to 20 m depth. Please give the depth of float ore and reef ore separately.
24. In para 2.0, It is stated that the mining is proposed to be carried out by semi mechanized means, which is incorrect as there is no semi mechanized method. It is to be other than fully mechanized method. Please make the changes where ever applicable.
25. As discussed during the inspection, the proposal of development and production may be made in Block A and Block B simultaneously from the first year onwards. Employment of labour may be furnished as per daily production.
26. Table No. 22 may be revised as per the change in production planning proposed by the lessee's representative. The five years period is wrongly mentioned in the table. Please correct it in all tables where ever it is applicable.
27. The information furnished in table no.25 is not matching with that of table no.22. Please reconcile.
28. All the tables related to the development and production may be revised as per the changes made in the production proposal.
29. It is stated that the drilling & blasting is being done with the contractor who is having the explosive licence. If so, the agreement made with the vendor is to be submitted.
30. In para 2.0 (f), It is stated that the reserves estimated will last for the end of this five year period, hence this five year period itself is a conceptual period. But in table no.32, proposal of afforestation was made for conceptual period separately. Please clarify.

31. The information furnished in table no.34 is incorrect. It needs to be corrected.
32. In para 7.0, the total labour figure is wrongly mentioned.
33. In para 8.0, total lease area is wrongly mentioned. Please correct it where ever it is applicable.
34. In para 8.1.1, existing land use pattern is to be revised as per the updated surface plan.
35. The information furnished in table no.43,45 & 46 is to be changed as per the updated surface plan.
36. It is observed that there are many spelling mistakes in the text. Please correct the same.

Annexures :

1. Copy of the G.O is to be annexed.
2. Form J in respect of 92 core bore holes has been submitted without analysis details. It is to be submitted with complete analysis report.
3. Feasibility report should be revised as per the revised reserve estimation and the codes should be assigned accordingly.
4. Environmental Report for the last quarter is to be submitted.

Plates:

1. In Surface Plan, the location of the waste dumps shown is not matching with the field condition. The waste dumps are encroached 7.5m safety barrier between BP No.13 to 14 and BP No. 15 to 17. The same has to be re handled and the surface plan is to be updated after resurveying the area.
2. In Geological Plan, G1& G2 scale of exploration has to be marked separately. Exploration proposal should be given on the total fold area so as to bring the area into G1 scale in compliance to Rule (12) (4) of MCDR, 2017. There are misprints in the Geological Plan, which may be corrected. Dry Nala is to be marked with proper symbol. In the back filled area pit has been shown, which needs to be deleted.
3. Geological sections should be corrected as per the Geological Plan and codes should be assigned, accordingly and the resources should be re-assessed.
4. The year wise development and production plans and sections are to be modified as per the proposed change in the production planning.
5. Garland drain and Retaining wall should be proposed around the dumps to arrest wash off. Check dam should be proposed in PMCP to avoid mixing of siltation in the natural drain.
6. Financial Assurance plan is also to be revised as per the updated surface plan.
7. All the features shown in the plans and sections are to be indexed with relevant symbols and colours.

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