



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,
CGO Towers, Kavadiguda,
Secunderabad – 500 080
Date. 10.05.2019

To
Shri. U.Bhargav, Managing Director & Nominated Owner,
M/S Shree Arya Lakshmi Steel Pvt. Ltd.,
DE-201, Aditya Elite,
BS Maktha, Somajiguda,
Hyderabad-500 082,
T.S.

Sub: Submission of Review of Mining Plan in respect of Tavasikonda Iron Ore Mine of M/S Shree Arya Lakshmi Steel Pvt. Ltd. over an extent of 32.915 Hc. in Sy.nos. 782 of Tavasikonda Village, Bethamcherla Mandal, Kurnool district, Andhra Pradesh submitted under Rule 17(2) of MCR, 2016.

Ref: Your letter no. nil dated. 26.04.2019.


Sir,

With reference to your letter cited above on the subject, the site inspection was carried out on 03.05.2019 by Smt.CH.Suseela, AMG accompanied by Shri A.Ramakrishnaiah, Qualified Person. 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 benitamines@gmail.com and ramakrishnaiah.alam@gmail.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,

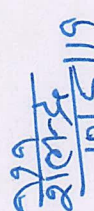

(Shailendra Kumar)
Regional Controller of Mines

Copy Shri A.Ramakrishnaiah, QP, H.No. 4-1-216/135, Street No. 4, Lane No.2, Kartthikeya Nagar, Nacharam, Hyderabad-500 076, T.S. for information and necessary action.


(Shailendra Kumar)
Regional Controller of Mines

मूल पति पर नहीकट

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


(शैलेन्द्र कुमार)
क्षेत्रीय खान नियंत्रक

INSPECTION REPORT CUM SCRUTINY COMMENTS ON REVIEW OF MINING PLAN OF TAVASIKONDA IRON ORE MINE OF M/s SHREE ARYA LAKSHMI STEELS PVT. LTD. SPREAD OVER AN AREA OF 32.915 HA IN SURVEY NO-782 OF TAVASIKONDA VILLAGE, BETAMCHERLA MANADAL KURNOOL DISTRICT OF ANDHRA PRADESH,

DATE OF FIELD INSPECTION- 3.5.2019

1. Cover Page-

- a) Lease period should be furnished on the cover page.

2. Location & Accessibility

In details of the lease area, the type of land has been shown as Govt Waste Land but in the cover page it is shown as Govt Revenue land. Necessary correction should be made as per lease deed.

3. Review

- a) In para 3.4, under review of violation and compliance status, it is mentioned that the financial assurance in the form of Bank Guarantee is submitted and copy enclosed. However, the same has not been submitted to this office. Please make the correction accordingly.

Part-A

4. Geology & Exploration

- a) In para 1.0 (i), future programme of exploration, it is mentioned that 18 core bore holes and 16 DTH will be drilled in a grid pattern of 100 x100m to cover the entire mineralized area under G1 scale , which is incorrect as this deposit falls under category II of ME & MC Rules, 2015. For category II deposit, the proposed exploration should be done in a grid pattern of 50 - 25 m to cover the area under G1 scale in compliance of Rule 12(4) of MCDR, 2017. Changes may be made accordingly.
- b) The reserves and resources are estimated by considering the DTH drilling, which is not acceptable as this type of deposit is of Lenticular bodies of all dimensions including bodies occurring in echelon, silicified linear zones of composite veins, Lenses, pockets, stock works, irregular shaped modest to small sized bodies falls under category II of ME & MC Rules, 2015. The DTH drilling is only considered when it is supplemented with core drilling. To establish the continuation of mineralization in between the working pits core bore holes should be drilled and accordingly the reserves/ resources should be re-estimated.
- c) In view of the above, the mineralised area should be modified in the geological plan and as per the category of the deposit, the level of exploration should be marked and accordingly the geological sections should be re drawn.

In light of the above, the total mineral resources needs to be re assessed along with grade and UNFC codes should be assigned.

5. Mining

- a) On the basis of the above comments pertaining to Geology and exploration the method of mining, rate of production per year, year wise production and development proposal, stacking of mineral rejects/sub grade material and waste, Processing of ROM & Mineral Rejects, progressive mine closure plan, conceptual plan and sections, Life of mine should be modified.
- b) Mention about the status of permission from Govt authority for deep hole drilling and blasting, source of explosives and use of ANFO. Necessary supporting documents should be enclosed.

- j) In the conceptual plan, the proposal of Development and Production and ancillary activities including environmental protection measures up to end of lease period should be furnished.
- c) In the year wise production & development plan, the direction of bench advancement is not mentioned
- f) Area proposed for dumping should be proved for devoid of mineralisation .
- g) The life of mine should be recalculated based on available reserves estimated with reference to the ultimate pit limit, average depth of mineralization and considering the ultimate pit slope angle less than 45 degree.

6. Others

The employment potential should be modified as per method of mining.

7. Progressive Mine Closure Plan

- a) Area put to use for mining and allied activities should be modified on the basis of comments pertaining to Geology & Exploration and Mining.
- b) Area put to use for mining and allied activities should be recalculated as per field condition accordingly financial assurance amount should be suitably modified.
- c) Area for top soil & OB dump to be proposed separately.
- d) Plantation should be proposed in 7.5m safety barrier zone.
- e) A requisite financial assurance in the form of Bank Guarantee for the area put to use for mining and allied activities is to be submitted.

Plates :

- a) **Plate-4** (Geological Plan)- The mineralised area should be demarcated as per the earlier approved mining plan and taking in to account the existence of mining pits. The area pertaining to level of exploration should be changed accordingly. The lithology shown in the geological plan should be corrected and the working pit areas should be shown as iron ore zone.
- b) **Plate-5** (Geological Sections)-
As per the comments given in para Geology & Exploration, the geological sections may be redrawn.
- c) **Year Wise Production and Development plan(7A to 7D) & Plate-6(Sections showing yearly workings)**
As per the comments given in para Geology & Exploration and Mining, all the year wise production and development plans and sections may be redrawn.
- d) **Plate-8 & 8A(Conceptual Plan & Conceptual Sections)**
In the conceptual plan, the proposal of Development and Production and ancillary activities including environmental protection measures up to end of lease period should be furnished. It is proposed that the mined out area of 8.0 Ha will be converted to a pond but not shown in the plan.
- e) **Plate-9 (Progressive Mine Closure Plan)**
As per the comments given in para Geology & Exploration and Mining, the conceptual plan and sections, reclamation plan, Financial assurance plan may be redrawn.
Plantation should be proposed in 7.5 m safety barrier zone.

Annexures

- a) Annexure numbering not done properly.