



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

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F. No. AP/KNL/MP/DoI-19/HYD

Room No.603, CGO Towers,
6th Floor, Kavadiguda,
Secunderabad-500 080.
Date: 09.09.2020

To

Sri M Nagaiah Goud, Lessee,
H.No.25-53, Upstairs,
Gooty Road,Kothapeta,Dhone Post & Mandal,
Kurnool District- 518 222,Andhra Pradesh.

Sub: Submission of Modified Mining Plan in respect of Kothapalli Dolomite and Iron Ore Mine of Sri M Nagaiah Goud over an extent of 13.606 ha. in Sy.Nos. 779 & 780 of Kothapalli Village of Bethamcherla Mandal, Kurnool District of Andhra Pradesh State submitted under Rule 17(3) of MCR, 2016.

Ref: Your letter no. Nil dated 13.08.2020.

Sir,

With reference to your letter cited above on the subject, the draft Modified Mining Plan has been examined by Sri Ibrahim Sharief, Sr. Acom. Due to covid-19 lockdown inspection could not be carried out and the table scrutiny comments were prepared and have already been forwarded to you and your Qualified Person on respective e.mail ids i.e., m.nagaiahgoud@gmail.com and gharendra@gmail.com

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 (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.Two lakhs/hectare for category 'B' mines provided that the minimum amount shall be Rs.Five 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
9/9/2020

(Shailendra Kumar)
Regional Controller of Mines

Copy to:

Shri G Harendra, 3-163, Chandrachrela Village & Post, Kanaganipalle Mandal, Anantapur District
Andhra Pradesh- for information & necessary action.

Sharma
9/9/2020

(Shailendra Kumar)

Regional Controller of Mines

मूल पति पर नही

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

शैलेन्द्र
9/9/2020

(शैलेन्द्र कुमार)

क्षेत्रीय खान नियंत्रक

Scrutiny comments based on examination of records submitted by lessee in respect of Modification of Mining Plan for Kothapalli Iron Ore & Dolomite mine of Sri Nagaiah Goud over an extent of 13.606 Ha. located in Kothapalli Village, Betamcherla Mandal Kurnool District of Andhra Pradesh State submitted under Rule 17(3) of MCR, 2016.

1. The document should have been submitted as Review of Mining Plan for the block period from 2018-19 to 2022-23.
2. The document should be submitted as per the format of IBM manual for appraisal of Mining Plan 2014 only.
3. Surface plan submitted is not authenticated by the qualified Surveyor as per the provision of MMR 1961. Further, contour RL's of Surface Plan is not in consonance with boundary pillar RL's of DGPS lease sketch authenticated by State Government.
4. The reserve estimation should be done for more than 45% Fe for Hematite Ore as per threshold value published by IBM.
5. Postal address of the lessee is not submitted with supporting document.

Review of scheme of mining

6. Para 3.2, Details of last modifications of approved MP, indicating date of approval, reason for modification be furnished.
7. Exploration: Reason for not carrying exploration of 12 Trenches and 18 bore holes for the years 2014-15 & 2015-16 is contradictory to the facts submitted under para 'Production' in review chapter.
8. During the year 2013-14, 4477 MT of Iron ore and 153 MT of Dolomite was reported in the annual return, but the same is stated as Nil in the present submission.
9. Annual returns for the years 2016-17, 2017-18, 2018-19 and 2019-20 should be submitted for verification of production reported in review chapter.
10. Review of PMCP incorporating Dump stabilization, environment protection, monitoring, plantation proposed in the earlier plan period is not reviewed properly.
11. Review of violation pointed out (Violation letter, show cause notice, suspension order etc. with date) by IBM (for rule 11(1) & 45 of MCDR 2017) with present status of compliance should be furnished.
12. Mine was suspended by IBM on 30.08.2018, the details of the same be furnished in para 3.5.

GEOLOGY & EXPLORATION

13. As per provision of rule 12(4) of MCDR, 2017 the entire potentially mineralized area has to be explored in G1 level up to contact zone, accordingly future proposal be furnished including back log exploration in the present submission.
14. Details of phase wise exploration carried out so far be furnished in tabular form incorporating no. of Trial pits, Trenches, Pits indicating their dimensions, Grid interval.
15. As no additional exploration was carried out, the 'Geology and Exploration' chapter along with Resources/Reserves be furnished as per the earlier approved document.
16. Iron ore formation is not uniform and is intermittent in between Dolomite boulders. In this regard criteria considered for collection of samples for estimation of reserves be explained. Details of samples analysis indicating type of sample, complete chemical analysis for entire strata for all radicals may be furnished. Area explored under G1, G2 scale be analyzed meterwise with 10% of check samples from NABL accredited lab.
17. Iron ore formation is considered as 'Category-VI' i.e. "Placer and Residual Mineral deposit of Hill and Valley Wash" but this is not of placer deposit, as Iron Ore is formed due to leaching of ferruginous shales and deposited intermittently in-between voids of dolomite quartzite and ferruginous quartzite boulders. which needs to be corrected.
18. Trial Pits in 100 meter Grid interval is considered in G1 scale and 400 grid interval is considered in G2 scale which needs to be corrected as per the classification of deposit as per MEMC Rules 2015.

19. Following contradictory statements are observed in the document

- i. Trial Pits and Trenches are carried out in the lease area, whereas samples are stated to be drawn from Bore holes
- ii. Only 18 Trial pits are carried out so far and details of the same are shown in the Geology plan also, whereas stating lease area explored by 30 Trial pits in para 1.e. without furnishing details, is incorrect.
- iii. It is stated that the data available from the exposed face of pit is equivalent to the data obtained from Bore hole is considered for estimation of reserves, is not scientifically established.
- iv. Recovery is stated to be considered' based on production and development achieved from commencement of mining operation and adjacent mining leases' which needs explanation

Mining

20. Detailed calculation of year wise excavation proposal should be furnished in the text part of the document incorporating, location, section considered etc. for clarity.

21. Page no.23 para 2.0.A.(b) In-situ tentative excavation table should be furnished as per the prescribed format only.

- i. All excavation proposal should be furnished in unit "cum" only.
- ii. Stripping ratio furnished is on higher side, which needs to be corrected
- ii. Low grade Dolomite should be considered as part of ROM and be furnished in "Mineral reject" column.

22. Refer in para 2.0.A.(d) at page no.24, the proposal of Crushing & Screening of the ore in the lease cannot be acceptable as the method of mining proposed in the plan period is by Manual mining under category-B mines. The same be corrected in the relevant paras.

Conceptual Plan

23. Your submission of UPL up to 50 meters depth from surface is not in consonance with Reserves/ Resources estimation considering UPL up to 3 meters from surface, refer page no.29. The same to be corrected.

24. In para 'waste disposal'; At conceptual stage proposal is made for re-handling of waste dump and backfill the mined out area. The land use table furnished at page no.31 to be corrected in view of the above.

Stacking of mineral reject/ waste

25. Low grade Dolomite is considered as waste, which needs to be clarified with chemical analysis/ usage details.

Plans and section

26. Key plan indicating all the details as per the provision of MCDR 2017 be submitted.

Surface plan

27. Surface submitted is having following discrepancies:

- i. Surface plan submitted is not authenticated by the qualified Surveyor under Mines Act 1952
- ii. Access roads connected to pits, Benches should be depicted distinctly in plans and sections.

Geological Plan

28. Exploration carried out like Trenches, Trial Pits, level of exploration be marked distinctly.

Geological section

29. Geological section should be submitted in 1 :500 scale for clarity of mineralized zone

30. Sections should be drawn so that it cut across the existing Pits, trial pits, surface exposure if any etc. for proper delineation of ore body.

31. The following parameters and discrepancies are shown in geological plans and section.
- i. in Section B-B', TP-2 & TP-3, is shown as in mineralized zone but in the plan the same is in non mineralized area, which is to be corrected
 - ii. In Section, c-c', Pit-1 is not depicted, Trench-9 is shown non-mineralized area whereas in is in mineralized area in plan, which is to be corrected
32. The following details be shown in geological plans and sections
- i. G1, G2, G3 scale of exploration be shown in all the sections
 - ii. Different Categories of UNFC codes assigned

Year wise development and Production plan and section

33. Year wise bench movement is not shown in the plans, instead outline of pit for three years is shown in all the plans. The same be corrected.

Conceptual Plan:

34. The conceptual plan should be drawn and projected to visualize the status of lease at the closure of mining operations supported by suitable no. of sections both in traverse and longitudinal directions passing through pits, dumps etc.

Reclamation Plan

35. Details of protective measures proposed in the text be depicted in the plan

Financial Assurance Plan

Roads connecting to the pits, Stack, Dumps, retaining wall, Garland Drain etc, be properly depicted.

