



भारत सरकार
खान मंत्रालय
भारतीय खान ब्यूरो
क्षेत्रीय खान नियंत्रक का कार्यालय

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No. MPM/OTFM/05-ORI/BHU/2016-17

Plot No.149, Pokhariput,
Bhubaneswar,
Odisha-751 020.
दिनांक / Date: 11.08.2016

To

Shri J. N. Patnaik, Mine Owner,
Bonaikela, Joda, Dist-Keonjhar,
Odisha – 758038.

Sub: Approval of Modification of Approved Mining Plan along with Progressive Mine Closure Plan of Bhanjapalli Iron Ore Mine over an area of 4.916 ha in Keonjhar district of Odisha of Shri J. N. Patnaik submitted under Rule-17 of MCR'2016.

Ref: - i) Your letter no. 24/JNP/2016-17 dated 23.06.2016.
ii) This office letter of even no. dated 08.07.2016.

Sir,

This has reference to the letter cited above on the subject. The draft Modification of Approved Mining Plan along with Progressive Mine Closure Plan has been examined in this office based on inspection carried out by Shri L. H. Chhange, Deputy Controller of Mines on 25.07.2016. The deficiencies observed are enclosed herewith as Annexure-I.

You are advised to carry out the necessary modifications in the draft Modification of Approved Mining Plan in the light of the comments vide Annexure-I and submit **three (3) firm bound and two (2) soft copies of the document text in CD in a single MS Word file (the drawing/plates should be submitted in Auto CAD compatible format and JPG format in resolution of 100x100 pixels on same CD)** within 15 (fifteen) days from the date of issue of this letter for further necessary action. If the total page of annexures exceeds 50 (Fifty) then it should be submitted as separate volume. But reference of these annexures must appear in the Modification of Approved Mining Plan document. The plates are also to be submitted in separate volume.

The para-wise clarifications and the manner in which the deficiencies are attended should invariably be given while forwarding the modified copies of the Modification of Approved Mining Plan. It may be noted that no extension of time in this regard will be entertained and the Modification of Approved Mining Plan will be considered for rejection if not submitted within above due date. It may also be noted that if the deficiencies are not attended completely, the submission would be liable for rejection without further correspondence.

The document should be prepared as per "IBM manual on appraisal of Mining Plan – 2014" available on the IBM website at www.ibm.gov.in.

भवदीय / yours faithfully,

(M BISWAS)

क्षेत्रीय खान नियंत्रक / Regional Controller of Mines

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Copy for kind information and necessary action to Shri S.C. Nayak, Qualified Person, M/s Minesketch Consultants (P) Limited, A/185, Saheed Nagar, Bhubaneswar, Odisha -751007.

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(M BISWAS)

क्षेत्रीय खान नियंत्रक / Regional Controller of Mines

Scrutiny comments on examination of Modification of Mining Plan of proposed BHANJAPALLI IRON ORE MINE over 4.916 ha. in Sundergarh District of Odisha state belonging to Sri Jitendra Nath Patnaik:

GENERAL

1. Status of surface right acquired should be given in introduction along with documentary proof.
2. The basis (letter no 14157/SM dated Bhubaneswar the 31/12/2001) on which the original Mining Plan was submitted / approved by IBM (BBS/SG/Fe/MP-138 dated 19/09/2003) was not actually a letter of intent from the concerned authority of the State Govt. but a pre-conditioned letter which the prospective lessee needs to answer in affirmative. Relevant letter from the State Govt. which compelled the lessee to prepare and submit MP for fresh grant , say LoI may be annexed as well.

GEOLOGY AND RESERVE

3. Para 4.4 mentioned that prospecting/ exploration was carried out by the Lessee himself by having dug 7 trial pits. The necessary Prospecting Licences granted by the State govt, Expenditures made for the same and technical details (Forms J & K maintained as per rule 47 & 48 of MCDR) submitted thereafter to the State govt may also be included in the present submission. All details of exploration carried out as enclosed should be certified by the concerned geologist of the mine.
4. Exploration proposal for the entire lease area is not given adequately to be completed during the next 5 years of operations for assessing the total mineral reserve/ resources as per UNFC as per the extant guideline of MoM dt. 23.12.2010. Proposed bore hole locations are not given in the relevant Geological Plan .
5. Sample analysis should be from NABL accredited lab only.
6. Table 4.2 , Category Measured is given a code of 331or 332. This is wrongly given. The same needs to be corrected.

MINING

7. Para 5.1.1 states that Quarry 1 and Dump has already encroached Safety Zone. How this had happened needs to be explained.
8. Para 5.1.2 shows future planning is that out of the 7 different trail pits, 5 no of pits will be developed. The matter of concern here is that in such a small area, the reason for opening such a large no of pits instead of concentrating in a single pit with phased reclamation be justified technically or otherwise.

MINE DRAINAGE

9. This chapter is not dealt with properly. As can be seen during site visit, there are small hamlets in the vicinity of the area, adequate rainwater management plan i.e. drainage plan along with arrangement for arresting solid wash off is not incorporating with engineering details & material to be used for its erection/construction.

HANDLING OF MINERALS REJECT/ SUB-GRADE AND DISPOSAL OF WASTE

10. Storage/Stacking of Sub-grade material/Mineral reject in earmarked area to be described with mRL and area on year to year basis with description of the manner of its disposal. Specific proposal for environment protection measures i.e. Retaining wall, garland drain, check dam, settling ponds etc. around this, to be given year wise in quantified terms.

USE OF MINERAL & MINERAL REJECT

11. Requirement of end-use industry to be given in terms of physical & chemical composition matching with proposed production of mine. Hence, production of Lumps & fines to be specified with quantity and grade along with its proposed sell to end-use industries.

Annexures :-

12. All the annexure to be properly indexed/numbered/paged and signed by the RQPs.

Plates:-

13. Forest area (already cleared area, area in process), Non Forest area, Surface right acquired area etc. should be marked clearly over a separate Lease Map/Plan & Surface plan.
14. All plans to be prepared based on recent and accurate survey and to be correct as per existing surface features & mine profile.
15. Plans should be prepared and certified by the certified Surveyor; and surveyor certificate should be enclosed with the document.