

**SCRUTNY OF MODIFICATION OF MINING PLAN OF SIRISANAMBEDU IRON ORE MINE OF M/s SAI DHARANI SPONGE IRON PVT LTD OVER AN EXTENT OF 40.469 HECTRES IN SIRASANAMBEDU VILLAGE, PELLAKURU MNADAL, NELLORE DISTRICT IN ANDHRA PRADESH.**

**General**

- 1) In cover page, the category of mine shall be submitted as Category 'A' Mechanised instead of "Other than Fully Mechanised 'A' Category mine".
- 2) The mining Plan document should be prepared as per the format prescribed in IBM Manual on appraisal of Mining Plan-2014.
- 3) As per the Section 8A (3) of the Amended MMDR Act-1957 in 2015, all mining leases granted before the commencement of the Mines and Minerals (Development and Regulation) Amendment Act, 2015 shall be deemed to have been granted for a period of fifty years. Hence, the status of lease as per section 8A (3) of MMDR Act amended in 2015 may please be submitted. The reason for submission of the Modified Mining plan needs to be elaborated in the introduction chapter.
- 4) The reason of temporary discontinuance and details of order received for stoppage of mining operation needs to be submitted.

**Geology**

- 5) The meter wise sample analysis of 28 trial pits needs to be submitted.
- 6) Six boreholes were proposed to be drilled during the year 2017-18 but not carried out so far. The same may be proposed during this plan period to know the depth persistence of the mineral.
- 7) In page 11, under para (h), it is stated that 31 cross sections have been prepared on 1: 2000 scale instead of 1: 1000 scale. Please correct it.
- 8) In page 12, under para(i), it is stated that 52 trial pits are proposed instead of 104. Please correct it.
- 9) In page 18, under probable Reserves, it is mentioned as 8 number of mining pits instead of 7 pits which needs to be corrected.

**Mining**

- 10) The method of Mining is to be given as A' Mechanised instead of "Other than Fully Mechanised and needs to be changed in the text wherever it is applicable. Working width of the bench should be maintained as three times the width of the largest plying machine.
- 11) In page no.26, under para In situ tentative excavation, 5 years excavation is proposed only from Pit No.2. However, in year wise production and development plans, the production is proposed from pit Nos.1,2 and 5. Please Justify.
- 12) Pit wise tentative excavation needs to be submitted.
- 13) In table No.26 and 27, area to be covered under mining in conceptual period is furnished as Nil. But, in conceptual plan, the production is proposed in Northern side of ML, which covers some area, needs to be calculated and furnished.

- 14) In year wise development plans, year wise proposed waste dump was indexed, but the same was not marked in the plans.

#### **Stacking of Mineral Reject and sub grade material and Disposal of waste**

- 15) In the Annual returns from 2015-16 to 2019-20 submitted to this office, no mineral reject and waste was furnished. However, in the present submission, mineral reject and waste was estimated. Sample analysis of mineral reject may be carried out for assessing the grade to ascertain whether the mineral is Laterite or sub grade iron ore. Grade and Quantity of mineral reject needs to be submitted.
- 16) Location of all the existing mineral reject, waste and Mineral stack needs to be submitted with co-ordinates.
- 17) The year wise proposed back filling needs to be submitted along with co-ordinates, and spot levels. Back filling needs to be proposed in area where entire ore up to UPL has been mined out.
- 18) The proposed site for waste, mineral reject dumps are to be demarcated in the year wise production and development plan. As the dumping area is not proved for the absence of mineral and beyond the UPL, all the waste and mineral reject dumps needs to be mentioned as temporary dumps.

#### **Progressive Mine Closure Plan**

- 19) Year wise Environmental protection measures like afforestation, siltation pond, retaining bund, Garland drain, Environmental Monitoring to be proposed.

#### **Annexures :**

- 20) The Annexure numbers given in the text are not matching with that of Annexures enclosed. Please reconcile and furnish the correct numbers.
- 21) Copy of Bank Guarantee is not Annexed.

#### **Plans and Sections**

- 22) In the Key Plan the revised topo sheet number needs to be submitted. The Key plan should be legible and contour lines needs to be demarcated.
- 23) In North side of ML a power line is passing. Hence 50 m safety barrier zone on either side is to be marked. The mineral reject dumps and mineral stacks are extending into 7.5 m safety zone which needs to be trimmed.
- 24) In Geological plan, float oriental dip is to be marked. Proposed trial pits are to be indexed.
- 25) In the Geological Cross Section, the Float Iron ore should be demarcated clearly with colour index. UNFC codes are to be marked. Proposed trial pits are to be shown in sections and the same to be indexed. All the existing trial pits are not marked on sections.
- 26) Five year block wise conceptual mining proposal needs to be demarcated in the Conceptual Plan.

- 27) In Environmental plan all the features that are existing in 60m buffer zone and 500m buffer zone are to be marked.
- 28) In the Reclamation plan, the Environmental monitoring stations are to be marked in the core zone.



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Room No.603, 6th Floor,  
CGOTowers, Kavadiguda,  
Secunderabad.-50008.  
Date:27.05.2021

To  
Shri S.V.Laxmi Narayan, Managing Director & Nominated owner,  
M/s.Sai Dharani Sponge Iron Pvt.Ltd.,  
H.No. 5-90, S.R.Naik Nagar,  
I.D.A.Jeedimetla,  
Hyderabad-500 055.

Sub: Submission of Modification of Mining Plan in respect of Sirasanambedu Iron ore and Laterite Mine of M/s.Sai Dharani Sponge Iron Pvt.Ltd over an extent of 40.469 ha. in Sy.No. 287 of Sirasanambedu Village, Pellakur Mandal, SPSR Nellore District of Andhra Pradesh under Rule 17(3) of MCR 2016.

Ref: Your letter No. nil dated Nil received in this office on 4.5.2021.

Sir,

With reference to your letter cited above on the subject, the draft Modified Mining Plan has been examined by Smt. Ch.Suseela, AMG. Table scrutiny comments were prepared and have already been forwarded to you and your Qualified Person on respective e.mail ids i.e [saidharanispongeironpvtltd@gmail.com](mailto:saidharanispongeironpvtltd@gmail.com) and [earth\\_environment2008@yahoo.com](mailto: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 (4Nos.). In this regard, you are directed to submit the Financial Assurance in the form of Bank Guarantee for the area put to 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 to Sri P.R.Mishra, Qualified Person - for information and necessary action.

(Shailendra Kumar)  
Regional Controller of Mines

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