

Scrutiny comments on examination of Modified Mining Plan in respect of Marakondaputti Manganese mine of M/s Radhika Metals & Minerals an extent of 9.712 Ha. in Sy.no. 104 of Marakondaputti Village, Makkuva Mandal, Vizianagaram Dist. of Andhra Pradesh State submitted under Rule 17(3) of MCR, 2016.

Date of Inspection: 18.10.2017

Inspecting officer: M.Pratap Reddy, AMG.

Accompanying official: Shri P.S.K. Kishore Mines Manager/Qualified person

General:

1. The cover page should be displayed with total lease area details, land type, Rule under which the document has been submitted, Plan period, complete address of the lessee and Qualified person. The date of expiry of the lease period should be given as per the State Government order/Proceedings.
2. The signature of the Qualified person in Plates is missing.
3. The resolution of partners to nominate the person for signing the document as per the provision of MMDR Act 1957 should also be submitted.
4. The qualification and experience certificate of QP as under Rule 15 of MCR 2016 have not been enclosed.
5. The lease period shall be lapsing on 27.11.2017. No extension till date is granted by the competent authority under Section 8A(5) of MMDR Amendment Act. Further processing of the document is subject to obtaining/grant of extension of the lease period by the State Government and if any, the same need to be appended with document.
6. At places provision of Rules of MCDR 1988 have been referred which suitably replaced with the rules of MCDR 2017.
7. All the annexures mentioned/referred in the document be properly addressed in the text with the Annexure nos.
8. The date column in the Certificates has been kept blank.
9. The Mining proposals from Dec,2017 to March,2018 also be incorporated in the document.
10. Para 1 A. name of the lessee: Under the para Sri Vishnu Mor Managing Partner has been given but the Certificates and the document has been signed by Shri Manvendra Mor in the capacity of nominated owner.
11. Para 1 E. Name of the Qualified Person: The Email id of the Qualified Person has not been furnished.
12. Para 2.0 B viii) (Existence of Public road-----): The road access from Salur to the subject ML be furnished.
13. Para 3.4 (Status of compliance of the Violations-----): The violations and compliance thereof during the review period be furnished in Tabular form. The copies of relevant violations and replies and mode of compliance thereof be furnished. The Violations and rep[lies be furnished in the form of Annexures.

PART-A

14. Para 1.0 A (Briefly describe the topography-----): No topographical features have been dealt.
15. Para 1.0 C (Detailed description of Geology of the lease area -----): Based on the pit exposures and subsurface data the local Geological succession be given..
16. Para 1.0 D Name of prospecting/exploration agency: The Technical person name under whom, the exploration has been carried out be given.
17. Para 1 E) i) & ii) (No. of Boreholes & Details of sample analysis-----): The duration/period of core drilling be spelled out. The no. of Core samples in the ore zone have not been indicated.
18. Para 1 I) (Broadly indicate the future programme of exploration---): As per the ministries guide lines and under Rule 12(4) of MCDR, 2017, in case of existing mining leases, detailed exploration (G1 level) over the entire potentially mineralised area under the mining lease shall be carried out within a period of five years from the date of commencement of these rules. Accordingly, a purpose oriented/need based exploration be proposed all along the strike length in the mineral bearing area.4
19. Para 1.0 J (Reserves and Resources-----):
The Boreholes drilled are more than 25m apart in the mineralized zone and the scale of exploration can not be considered as G1 scale of exploration. The scale of exploration falls under G2 scale of exploration.

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Further in filling additional drilling be carried out to convert the scale of exploration into 'G1' Accordingly the parameters be discussed reserve/resource be classified.

20. Para 1.0 K)(Furnish detailed calculation of reserve -----): All Reserve/Resource need to be reassessed as per the comment vide para 1.0 J) taking into account of scale of exploration.
21. Para 2 a (Briefly describe the existing as well as proposed method-----): Present status of working should be submitted incorporating, dimension of quarry, top RL, bottom RL, No. of benches in ore & waste, bench height & width etc. The Proposed quantity of ROM for the EC be mentioned and copy of the same be appended.
22. Para 2 b (indicate tentative excavation----): The Ore to Overburden ratio arrived for the years 2021-22 and 2022-23 be checked once. Whether winning the ore such high ratio OB is feasible?
23. Para 2 C) (Describe briefly giving salient features---): The proposed bench height and width be checked once. The width of the bench should be more than the height of bench.
24. Para 2f(Conceptual Plan----): The Conceptual Plan be prepared for the lease period.
25. Para 3 d (Mine Drainage): Mine drainage has not been dealt as per the guide lines.
26. Para 8.3.1 Mined out land: The mineral is yet to exhaust at depth and thus there is no mined out land and there is only degraded land.
27. Para 8.6(Financial Assurance): In view of the above comments, the F.A. should be reassessed and submitted as per Rule 27 of MCDR,2017 along with final copies.

Annexures:

Annexure VI: Feasibility study Report: Feasibility study report be reviewed as per the comment vide para 1.0 J)

Annexure VIII B: The copy of the NABL accreditation Certificate showing its validity and scope of accreditation has not been furnished

PLATES

1. Plate-I Key plan: The ML area be distinctly marked. The Plan should be as per the provision of rule 28 of MCDR,2017, the area of 5 KMs around the lease area should be considered and all the details within this area as per statute should be incorporate.
2. Plate-2 Lease Sktech: Plate no has not been given. Rest of the plates should be confirmation with the lease sketch..
3. Plate-III (Surface Plan): The date of survey be corrected. The Plan has not been signed and authenticated by the qualified surveyor. The quarries/pit be properly shown.
4. Plate-IV Geological plan: The boundary pillar nos be given as per the lease sketch. The year proposed exploration be corrected. The Plan be updated as per the comment vide para 1.0 J. The. UPL be redrawn.
5. Plate-IV A Geological Sections: The Scale of exploration be marked as per para as per the Geological Plan and comment vide para 1.0 J.
6. Plate-V A to V F: Year wise development plans and sections, be modified as per the comment vide para 1.0 J.
7. Plate VII A & B Conceptual Plan and Section: These Plates be modified as per the comment vide Para 2 f.
8. Plate VIII: Reclamation and Rehabilitation Plan: Irrelevant irrelevant details like proposed exploration be omitted
9. Plate-IX Environment Plan: Contours have not been extended up to 60m buffer zone. Land use pattern in the buffer zone has not been shown.
