

SCRUTINY COMMENTS ON THE REVIEW OF MINING PLAN IN RESPECT OF NANDAVARAM LIMESTONE MINE OF SRI M.NARAYANA REDDY OVER AN EXTENET OF 1.174 HA IN SY.NO. 309/2B OF NANDAVARAM VILLAGE, BANAGANAPALLY MANDAL, KURNOOL DISTRICT, AP – SUBMITTED UNDER RULE (17(2) OF MCR,2016

Date of Inspection: 28.11.2017

Inspecting officer: Shri MPratap Reddy, AMG.

Accompanying official: Shri E.V.Naresh Kumar and Linga Murthy Qualified persons

General:

1. In the cover page, the complete postal address of the lessee with H.no. and Pin code. Similarly the qualified person details be furnished. The mine details like mine code and IBM Registration no. also be furnished.
2. Status of the lease from initial grant up to date along with supporting documents like GOs, Proceedings, any correspondence of Government departments etc should be furnished.
3. As per the document submitted the lease last executed was valid up to 2024, whereas the present status of the same should be submitted with supporting document. Please clarify whether the State Government of AP has issued any order or any correspondence for the extension of the lease period under Section 8A(5) of MMDR Amendment Act 2015. If so a letter issued by the State Government intending to extend the lease period consequent to amendment in MMDR, Act 2015 should be enclosed.
4. The copy of Aadhar card also be furnished. The address of the lessee furnished in the document differs with that of the Voter Id.
5. No valid justification for not carrying out the mining operations since 2004 in the ML area is furnished
6. The reason for not submitting the Scheme of Mining for the periods 2008-09 to 2012-13 and 2013-14 to 2017 has not been properly justified.
7. No information is furnished with regards to other leases if any held by the lessee.
8. Para 3.3 (Review of approved proposals): All the items (Exploration, Development, Afforestation etc) be reviewed in Tabular form.
9. Para 3.4 & 3.5, be checked with mine record

PART-A

10. Para 1.0 b) (Regional Geology-----): The formations have not been properly equated with the type area of Indian Geology (Vindhyan system- Semri series). It is wrongly stated as equivalent of Cuddapahs.
11. Para 1.0 c) (Local Geology): The basis of field observations with regards to local geology be referred to Trial Pits. The soil thickness does not exceeds 0.2 m.
12. Para 1.0 e) (Details of pits/trenches--): The period of exploration i.e when it has been carried out has not been mentioned. Pit wise lithologs be furnished. With regards to sampling it is stated that meter wise sample and composite samples have been collected but there is no distinction of run wise/meter wise analysis is reflected in the analytical reports. It is said 9 composite samples were drawn but how the composite sample has been prepared is not dealt. The copy of NABL accredited certificate of the Lab, Scope and its validity has not been furnished.
13. Para 1.0 g)(Preperation of Geological Plan-----): The Scale of the maps actually be mentioned.
14. Para 1.0 j) (Category of the deposit): No justification has been done in categorizing the deposit under category-I of UNFC system/MEMC Rules 2015. In Feasibility axis, it is stated that EIA/EMP has not been carried out and inspite feasibility code assigned to be '1' which is not justified. It should have

been'2'. Similarly under Economic axis it is stated that the MP/SOM report is regularly prepared. This statement be verified with actual no. of documents so far prepared and submitted.

15. Para 1 k) (Detailed calculation of Reserves-----): The location of field investigation for bulk density and calculations thereof be furnished. The UNFC codes need to be reviewed as per the comment vide para 1.0 j). Further a power line is passing through lease area and which need to be taken into account while assigning UNFC code. The grade of the deposit be furnished as per the Analytical Report vide Annexure-VII. The actual grade of the deposit be furnished against the reserve/resources in the UNFC Table instead of threshold values.
16. Para 2 A a) Brief description of the existing method of mining---): Dimensions of working pits/Trial pits should be furnished. The buffer zone be left out for mining and allied activities. The encroachment of 7.5m on the Northern side has not been dealt.
17. Para 2 b) (year wise tentative excavation---): The year wise tentative excavation in the form of text with the aid of Plans & sections and RLs be furnished. The reclamation of 7.5 buffer zone may also be spelled in the year 2017-18.
18. Para 4.0 a (Mineral Reject): The grade of the mineral be corrected as per the Annexure-VII
19. Para 8.3.5 9 (Year wise proposals): The reclamation proposals of 7.5m buffer zone be proposed in the year 2017-18.
20. Para 8.4 (Disaster Management & Risk assessment): The full contact details of the person responsible for the disaster management be furnished.
21. The BG for the area put to use as given in the financial assurance Table be furnished.

Plates:

Plate1 (Key Plan): Proper shape of the lease be drawn. There is distinction between habitant's ML demarcation. Approach road to ML area be shown. Name of the places connected by railway line and roads going out of the places should be shown. Extremities of the coordinates of the ML area be marked.

Plate-2(Surface Plan): Date of the Survey has not been mentioned. The Plan has not been certified for its correctness by the Surveyor. A Power line is passing through the ML area which has not been marked.

Plate-3 (Geological Plan): Standard Geological symbols be followed. The Trial pits be properly marked. The Power line and buffer zone be marked and accordingly the reserves be assessed.

Plate-4 (Geological Cross sections): The reserve be estimated upto the floor of the trial pits. Geological cross sections be modified as per the Geological Plan above.

Plate-4A, 5, 5A, 6, 8, 8A (Geological sections, Production and Development plan, Working Sections, Reclamation Plan, Financial Assurance Plan and Conceptual Sections): These Plans be modified as per the Plate-3 & 4. The floor level be distinctly marked.

Plate 8(Environmental Plan): The land use pattern has not been furnished as per the ground conditions. The Contour lines be extended upto the 60m buffer zone. Prominent wind direction has not been marked..
