

SCRUTINY CUM SITE INSPECTION REPORT OF REVIEW OF MINING PLAN OF PEDANADIPALLI MANGANESE MINE OF M/S GLOBAL ASSOCIATES OVER AN EXTENT OF 8.190 Ha IN SURVEY No. 31/7,31/8,32/6,32/7,39/9,39/11,40/1 & 40/2 IN PEDANADIPALLI VILLAGE CHEEPURUPALLI MANDAL OF VIZIAYANAGARAM DISTRICT OF ANDHRA PRADESH STATE SUBMITTED UNDER RULE 17 (2) OF MCR, 2016 AND PROGRASSIVE MINE CLOSURE PLAN UNDER RULE 23 OF MCDR 2017 FOR FIVE YEAR BLOCK PERIOD 2018-19 TO 2022-23 INSPECTED ON 25.01.2019 BY D.P.RAVIKUMAR, AMG, HYDERABAD ACCOMPANIED BY S/SHRI P.R.MISHRA, QP AND A.SATYANAND PRASAD, AGENT (MINES).

### **COVER PAGE**

1. The lease period, date of lease expiry and fax number of the lessee to be furnished on cover page. Besides, the validity status of the mining lease also not given, the same should be furnished. The Survey numbers to be incorporated.
2. The Mine Code and break up of the area containing nature of land not furnished. The same should be furnished.
3. The Qualification of the Qualified Person is not mentioned and the same to be furnished.

### **INTRODUCTION**

4. The modified Mining Plan was approved on 06.02.2015, but the same is not mentioned at page No.1 at required places. The same should be mentioned at all the required places in the document.
5. It is mentioned that the copy of approval of previous document was enclosed as annexure-III, but not found enclosed. The same should be enclosed and numbered.
6. The copy of the Grant Order to be enclosed.
7. The details of environmental clearance (EC) of mine and CFO have not been furnished. The same to be furnished.
8. The Introduction chapter needs to be redrafted. The same be recast to give the brief history of lease grant, in chronological order at one place.
9. At introduction chapter, annexure numbers wrongly mentioned. The same should be corrected.

### **GENERAL**

10. The name of the Nominated Owner & Agent are not mentioned the same should be indicated/ furnished at page No. 2. and required places. The Consent letter /undertaking / Certificates from the Nominated Owner should be submitted on Company's Original letter head duly dated and signed.
11. Permanent and present address of the lessee/ managing partner should be submitted along with documentary proof/ ID proof/ Aadhar card/ Pan Card. An attested copy of registration of company clearly indicating whether it is proprietorship or partnership firm should be furnished.
12. Name, address and contact details of others partners of firm should be given in tabular form. The type of land & ownership details of lease area should be given based on Govt. revenue record in tabular form.
13. At page No.2 &3 the Toposheet No. and readings of Latitude & Longitude are not matching with Key Plan. The same should be corrected.
14. Authorization in respect of Shri Kishore Mohanta be enclosed.
15. At para 3.2 the details of last approved modified mining Plan and reasons for modifications should be furnished as per the title.
16. The status of compliance of violations issued to be mentioned.
17. The list of leases held by the lessee in the state to be provided.
18. Date of survey be mentioned in the plans and the sections should be signed by DGMS certified surveyor for its correctness and its accuracy.

## **REVIEW**

19. In Page No.5 in Para 3.3 (I), it is mentioned that in the year 2014-15, 5 nos of core drill holes were proposed but achieved during 2015-16. But the dimensions and location of the of the boreholes were not mentioned. Further, expenditure incurred for this exploration activity to be furnished.
20. Review of environmental monitoring be submitted year wise, Location wise for air, noise, water. Also the review of topsoil generation and environmental protection measures be submitted.
21. The NIL Over burden/ Waste generated reported for the year 2014-15 & 2017-18 should be discussed with valid reason with supporting documents.
22. At page No.6, table No.6, the survival percentage of plantation is not mentioned and the table is not as per prescribed.
23. The information furnished is not as per the prescribed format parawise.
24. Item 3.6 i.e (In case the MP is submitted under rule 22(6) of the MCR 1960 for approval of modification, specify reason and justification for modifications under these rules) is missed in the document. The same should be included / added.

## **GEOLOGY AND EXPLORATION**

25. The Form-J should be submitted in respect of exploration carried out sofar.
26. In table no-7, 5 nos core drill boreholes are not mentioned which were drilled during 2015-16. This needs to be corrected.
27. In compliance to rule 12(4) of MCDR 2017, the entire mining lease area should be made G1 area within the five years plan period. Accordingly, exploration programme should be proposed in order to cover the entire mining lease area to G1 area.
28. Bore hole wise information to be given in tabulated form indicating year, collar coordinates, collar RL, diameter, spacing, inclination, ,depth, whether mineralized or non mineralized etc.
29. At page No.14, total 20 numbers of boreholes are proposed for the years 2019-20 & 2020-21. But location of the proposed boreholes is not mentioned in the text.
30. The reserves/resources need to be estimated as per results to report of borehole sample analysis. The reserves estimated on these bore holes can not be estimated based on these bore hole can not be considered on these bore hole.
48. As the cut off grade Mn% is 15%, Sio<sub>2</sub> is 13% Which is on higher side in comparison to the thresh hold value of manganese ore notified by IBM, generation of mineral rejects should be estimate .
49. The UPL decided be justified wrt exploration and pit slope.
50. The category of the deposit as per MEMC Rules-2015 has not been justified and mentioned accordingly. Further parameters considered for reserve/resources estimation has not been furnished.
51. Feasibility report is not prepared as per the guidelines as most of important aspects like proper justification for awarding UNFC codes, economic viability, are not discussed in correct manner.

## **MINING**

52. The details of all existing dumps like sub grade, waste, mineral reject etc to be provided with dimension and location.
53. Max & min depth of water table has not been mentioned in the text. Year wise sump planning with coordinates ,dimension and capacity has not been furnished in text and shown in plan.
54. Details of existing mineral reject /sub grade stock like location co-ordinates, dimensions, quantity and grade should be furnished. The site of temporary dumping of mineral reject/sub grade be identified as per MCDR and submitted. Dumping pattern should be proposed.
55. Proposal for year wise generation of top soil and its stacking, disposal be submitted.

56. At page No. 29, table No. 27, it is mentioned that in the year 2020-2021, three benches will be extended towards north-west side of the ultimate pit limit maintaining bench height 3 m and width 3m between RLs of 82.1m – 74m . But at page No. 24, it is mentioned Top RL for the year 2020-21 is 64.14m & Bottom RL is 61.14m. The figures should be corrected. The same repeated also for proposed years 2021-22 and 2022-23. This needs to be corrected.

### **PROGRASSIVE MINE CLOSURE PLAN**

57. The net area put to use for mining and allied activities is on lower side as the approach roads ,waste dumping area, ROM dumping area, sub-grade dumping area ,top soil dump area processing area and mining pit of the eastern block have not been taken in to consideration . Thus head wise area put to use be corrected and be submitted and accordingly the calculation of financial assurance be corrected and the balance financial assurance be submitted at the time of final submission.
58. The environmental monitoring should be proposed year wise for Air, Noise, water, soil within the core and buffer zone and should be furnished in tabular format with details like location name, co-ordinates, frequency of sampling in text and location in key plan.
59. Lot of typographical / grammatical mistakes have been observed in the draft plan submitted. The same to be corrected and submitted.
60. The Financial Assurance calculated to be submitted along with final copies.

### **PLANS AND SECTIONS**

61. Name of the mine is not mentioned in all the plans and sections. The same should be mentioned.
62. There is no index for Boreholes drilled in the Geological Plan and relevant plans and sections. The same should be mentioned at required places of plans and sections.
- 7-
63. Key Plan: The name of the villages are not visible. Population of the villages falling within 5km radius of the lease area also not furnished in the plan portion of the plate. Further, in the key Plan the Toposheet number is not matching with toposheet No. mentioned at page No.3. So valid Key Plan should be submitted along with correct Toposheet Number with names of villages.
64. The relevant Plans and sections should be signed with date by certified surveyor, qualified person, mines manager, mining engineer, and Geologist as per provision of Rule 34 of MCDR 2017. Further, certifying that the plans and sections are prepared based on the basis lease map authenticated by the State Govt. and found to be correct.
65. The lease plan submitted along with the document has not been authenticated by the State authorities and not signed by QP therefore, not acceptable in this form. So the copy of the Original letter should be submitted.
66. Geological Cross-sections: The UNFC codes and the lithology colour codes are similar and it's difficult to read the codes. Change them accordingly.
67. In the Geological section the occurrence of manganese vein be corrected as per the plan. Further the trend and dipping direction of the manganese ore body be shown on plan.
68. An updated Geological Plan and sections considering the exploration carried out in proposed period plan should be furnished.
69. Production & Development plan & sections: The plan & section should be updated & modified year wise for 2018-19 to 2022-23. The year wise proposal should be shown properly with benches, top & bottom RL & area etc. The protective measures, approach roads to working pits etc. should be proposed & shown properly. The statutory barrier of 7.5m, river etc. should be shown & leaving barrier as per provision of MCR, 2017.
70. Conceptual Plan: The pit position of mine at conceptual stage of tentative mining should modified up to lease period & yearly plantation should be proposed within 7.5m of lease area/mineral exhaust pit only. It needs correction.
71. Existing features located within 500m from the lease boundary should be shown in the Environmental Plan (PlateNo. VI).



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



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Room No.603, 6<sup>th</sup> Floor,  
CGO Towers, Kavadiguda,  
Secunderabad – 500 080  
Date. 15.02.2019.

To

Sri Kishore Mahanta,  
M/S Global Associates,  
325,Dhruva Apartments,  
Plot No. \$,Patpadgunj,  
Delhi-110092.

Sub: Submission of Review of Mining Plan in respect of Global Manganese Mine of M/S Global Associates. over an extent of 8.190 Hc. in Sy.Nos. 31/7 & 8,32/6 & 7,39/9 & 11 and 40/1 & 2, Pedanadipalli Village, Cheepurupalli Mandal, Vizianagaram district, A.P. submitted under Rule 17(2) of MCR, 2016.

Ref: Your letter no. nil dated. 05.01.2019 ,received by this office on 10.01.2019.

Sir,

With reference to your letter cited above on the subject, inspection of the mine was carried out on 25/01/2019 by Shri D.P.Ravikumar,AMG, accompanied with Shri. P.R.Mishra,QP and Shri A.Satyanand Prasad,Agent and found certain deficiencies as given in Annexure. The same scrutiny comments have already been forwarded to you and your Qualified Person on respective e.mail ids i.e., [mail@globalminerals.in](mailto:mail@globalminerals.in) and [earth\\_environment2008@yahoo.com](mailto:earth_environment2008@yahoo.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 (2Nos.). 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.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 Shri P.R.Mishra, QP for information and necessary action.

(Shailendra Kumar)  
Regional Controller of Mines

मूल पति पर नहींकः

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

(शैलेन्द्र कुमार)  
क्षेत्रीय खान नियंत्रक

