



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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No. AP/VZNR/MP/Mn-03/Hyd

Room No.603, 6<sup>th</sup> Floor,  
CGO Towers, Kavadiguda,  
Secunderabad – 500 080  
Date: 30.06.2021.

To

Sri V.S.Shivaji Raju, Authorised Signatory,  
M/s. Dharani Mineral,  
Plot no. 28, D.no. 9-39-4,  
Pithapuram Colony,  
Visakhapatnam- 530 003, Andhra Pradesh.

Sub: Submission of Modification of Mining Plan in respect of Perumali Manganese Mine of M/S Dharani Minerals over an extent of 10.506 Ha. in Perumali & J.Kothavalasa Villages, Therlam Mandal, Vizianagaram District, Andhra Pradesh State submitted under Rule 17(3) of MCR, 2016.

Ref: Your letter no.nil dated nil received by this office on 21.06.2021.

Sir,

With reference to your letter cited above on the subject, the draft Modification of Mining Plan has been examined by Sri A.V.Ramesh Kumar, AMG. Table scrutiny comments were prepared and have already been forwarded to you and your Qualified Person on respective e.mail ids i.e., dharanimineralsvzm@gmail.com and 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 (4Nos.). 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,

*Shivar*  
30/6/21

(Shailendra Kumar)  
Regional Controller of Mines

Copy to Sri P.R.Mishra, Q.P. for information Pand necessary action.

*Shivar*  
30/6/21

(Shailendra Kumar)  
Regional Controller of Mines

मूल पति पर नहींकध

खान नियंत्रक (द), भारतीय खान ब्यूरो, बेंगलुरु

*शैलेन्द्र*  
30/6/21

(शैलेन्द्र कुमार)  
क्षेत्रीय खान नियंत्रक



**SCRUTINY COMMENTS ON THE MODIFICATION OF MINING PLAN SUBMITTED UNDER RULE 17(3) OF MCR,2016 FOR PERUMALI MANGANESE MINE OF M/S DHARANI MINERALS IN PERUMALI VILLAGE, THERLAM MANDAL, VIZIANAGARAM DISTRICT, A.P.**

**Text:**

1. On page no.6 i.e. under review chapter, years of review is mentioned as from 2021-22 to 2026. This is not correct. The review is for the previous years from date of execution. This needs to be modified accordingly.
2. The Boundary pillar co-ordinates to be mentioned in the text at appropriate place.
3. The justification for modification needs to be mentioned at para 3.6 on page no.9.
4. The ML area has been spread over into Six distinct and discontinuous blocks Viz. three blocks in Perumali village and three blocks in J.Kothavalasa village. The block wise relief of the area has not been mentioned.
5. Land use pattern as per the Mining Plan format to be incorporated.
6. It is seen from the lease sketch that the mining lease is non- contiguous and covered under different blocks. Accordingly exploration proposals to be given for carrying out exploration in all blocks.
7. Details of Lithologs not mentioned in Table-2 under column heading "depth wise description" on page no.12.
8. The proposed exploration needs to be carried out and completed during the year 2021-22, accordingly proposals to be submitted. The proposed exploration to be given as per the following table:

Year	No. of Boreholes (Core/RC/DTH)	Grid Interval	Total meterage	No. of pits, dimensions and volume	No. of trenches, dimensions and volume
2021-22					

9. The area covered under G1, G2, G3 & G4 level of exploration to be mentioned.
10. On page no. 17 it was mentioned that bulk density of 3.26 is considered based on Mineralogical study report. In the feasibility report, the bulk density is mentioned as 2.8, however, no mineralogical/recovery report is enclosed. A recovery/Mineralogical report from a Government agency/NABL accredited lab needs to be enclosed.
11. In the Table 15 i.e. details of reserves as per UNFC, the total is not matching, this needs to be corrected.
12. In Mining chapter at table no.18 i.e. Production schedule, the proposed production for the five year period is given as 2,42,847.731 tonnes. The production proposals should not be in decimal. However in table no.15 i.e. Reserves/remaining resources, the total quantity mentioned was 11062.2016 tonnes. This contradiction/anomaly in the production schedule and available reserve/resource need to be explained. All the figures pertaining to Reserve/Resource and proposed production quantity needs to be reconciled at all relevant places.
13. In the chapter No.4 i.e. stacking of mineral, subgrade ore it was mentioned in table no.33 that about 4080.475 Cu.m will be generated during the proposed plan period. However, in table no.15 it was mentioned that about 48604.8 Cu.m will be generated. This is contradicting the figure mentioned at table. No.33. This needs to be reconciled and corrected at all relevant places.
14. It was mentioned in the Mining chapter that about 4080.475 Cu.M sub-grade ore will be generated during the proposed plan period. The location where the said ore will be stacked to be marked on all relevant plates.
15. Construction of retaining walls around the three existing dumps to be proposed and details to be incorporated.

**Feasibility report:**



16. In the feasibility report, type/category of ore deposition is mentioned as Category-II, However, in the text at page no.17 under para(j) the deposit has been categorized as category-I. This needs to be clarified.
17. In the feasibility report the mineralized area has been mentioned as 7.5273 ha., Whether the said mineralized area falls under which scale of exploration i.e. G1,G2,needs to be clarified.
18. In the feasibility report it has been mentioned that 27 boreholes are proposed to be carried out. However, in the text under proposed exploration,90 boreholes have been proposed. This needs to be clarified.
19. In the feasibility report, total of the reserve/resources figure is not matching, this needs to be corrected.

**Annexures:**

20. It was mentioned that the precise area map forwarded by the ADMG,Vizianagarm is enclosed as Annexure-III. However, the same is missing. The Annexure-III enclosed is a memo dated 27.03.2010, this needs to be rectified and correct Annexure needs to be enclosed.
21. It was mentioned that memo no.7497/M.II(1)/2014 dated 23.02.2016 is enclosed as Annexure, the same is missing and the Annexure-IV enclosed is a violation letter issued by IBM. The memo as mentioned need to be enclosed.
22. It was mentioned that letter no.4702/Q/2008 dated 29.12.2017 was enclosed as Annexure-V. However, the same is missing and the Annexure-V enclosed was analysis report. This needs to be corrected and the said memo needs to be enclosed.
23. It was mentioned that one of the partner has left the partnership firm and others have joined. The latest partnership deed after entry of the new partners to be enclosed as Annexure.
24. A copy of the explosive license to be enclosed as annexure.

**Plates:**

25. In plate-III i.e. Surface Plan, the following need to be incorporated:
  - (a) date of survey and 7.5 meter barrier zone need to be marked.
  - (b) the Dump-1 has breached the 7.5. meter barrier zone, accordingly re-handling of the dump to be proposed.
  - (c) From the plate-III it was noticed that some of the stock has been spilled over into the 7.5. meter barrer zone. This needs to be re-handled.
26. In Plate No.IV, level of exploration i.e. G1,G2 & G3 need to be marked.
27. In Plate No.V i.e. Geological Sections, following modifications to be made:
  - (a) Section D-D' & E-E' are not matching, the stock yard to be marked.
  - (b) In section A-A',B-B' proposed borehole to be marked.
28. In all the plates related to year-wise development, the area proposed to be developed during the five year plan need to be marked distinctly.
29. In the Plate No.VII i.e. Environment plan, existing dump, infrastructure, area occupied by mine workings to be marked.
30. The land use data to be submitted in digital form (Geospatial data). The land use patterns, feature type and file type required are broadly classified and given below:

Sl. No.	Land use information	Format	Remarks
1.	Mining Lease Boundary	.shp or .kml file	Feature type polygon
2.	Pit area	.shp or .kml file	Feature type polygon
3.	Dump area	.shp or .kml file	Feature type polygon
4.	Stack yard	.shp or .kml file	Feature type polygon
5.	Tailing dam (if applicable)	.shp or .kml file	Feature type polygon
6.	Reclaimed and Rehabilitated land	.shp or .kml file	Feature type polygon
7.	Afforestation area	.shp or .kml file	Feature type polygon
8.	Others – Road, railway, Infrastructure,	.shp or .kml file	Feature type polygon



	processing plant etc		
9.	Boundary pillar co-ordinates in serial order (Latitude and Longitude in Deg Min Sec)	Excel	In WGS-84 datum

The Shape file should contain the Land use information as attribute data.

If KML file is provided, each feature type should be given in separate file with combined geo-data base. The file name should be Mine name\_Ownername\_Area\_Landuse type.