

Scrutiny comments on Review of Mining Plan including Progressive Mine Closure Plan in respect of Pritampuri Iron Ore mine (ML No 15/2000) over an area of 4.95 hectares near village- Pritampuri, Tehsil- Neem Ka Thana, District- Sikar submitted by Shri Daulat Ram Goyal under rule 17(2) of MCR 2016 & 23 of MCDR 2017

1. Supplementary lease deed up to the extended lease period as per MMDR Amendment Act 2015 has not been enclosed.
2. Chapters and sub chapters have not been prepared as per guideline for preparation of mining plan. The document should be prepared as per the as per guideline for preparation of mining plan.
3. The certificate to be given by the lessee and mining engineer should be as per the guideline for preparation of mining plan.
4. It is observed that a Jaw Crusher and disintegrator is situated in the area to upgrade the Iron ore material whereas no mention has been made in the submitted document.
5. The lease area should be resurveyed and accordingly the revised plans and section should be made in submitted document.
6. The coordinates of lease boundary pillars do not match with the coordinates given in the enclosed scrutiny sheet of State DMG. The coordinates of boundary pillars should be authenticated by the State DMG.
7. The details of violation pointed out and their compliance during the plan period have not been furnished.
8. The reserves are not properly calculated. The justification of parameter like strike length, width and depth of mineral garnet has been considered, needs to be clarified. The assessments of reserve/resources in the lease area need to be done on verifiable parameters. The reserves are to be re-calculated on the basis of parameters to be taken for categorization of reserves under UNFC norms. The same should also be incorporated in the PMCP.
9. Under the heading Future exploration programme, the programme for exploration of the whole area up to G1 level as per the rule 12(4) of MCDR, 2017, should be given. The year-wise programme of exploration should be given as per the Mineral (Evidence of Mineral Content) Rule, 2015 in the following format:

	Name of prospecting /exploration agency-	
	i) Address-	
	ii) E mails-	
	iii) Phone /fax etc-	

FUTURE EXPLORATION PROGRAMME						
Year	UNFC axis	Area covered	No. of boreholes (Core/RC/DTH)	Grid interval	Depth(mRL/Level)	Total meterage
	G1					
	G2					
	G3					
	G4					

Under the heading Reserve & Resources as per UNFC, the following information should also be given:

Geological Axis :--	Depth (mRL/Level)	Area	Resource (Tonne)	Grade
For G1 - Detailed exploration				
For G2 - General Exploration				
For G3 – Prospecting				
For G4- Reconnaissance				

FEASIBILITY AXIS :--	
Feasibility of mining	
Area considered non mineable under various items	
Mineral Reserves/ Resources Blocked /Non Mineable Category	
In G1 category in tonnes	
In G2 Category in tonnes	
In G3 category in tonnes	
In G4Category in tonnes	
Enclosed feasibility report	

ECONOMICAL AXIS	
Cost of production per tonnes of mineral estimated	
Average Ex- mine price for last three year period	
Comment on Economic viability	

the following information should also be given:

- (i) The reserves depleted during the last 5 years
- (ii) The reserve added after exploration during the last 5 years
- (iii) The final reserve & resources figure as per the table given below:

	UNFC Code	Quantity in tonnes	Grade
A. Total Mineral Reserve			
Proved Mineral Reserve 111	111		
Probable mineral Reserve	121 and 122		
B. Total Remaining Resources			
Feasibility mineral Resource	211		
Prefeasibility mineral resource	221 and 222		
Measured mineral resource	331		
Indicated mineral resource	332		
Inferred mineral resource	333		
Reconnaissance mineral resource	334		
Total Reserves + Resources			

10. It is observed during the site inspection that two exploratory bore holes have been drilled in the lease area. The details of exploration carried out have not been given in the submitted document.

11. A proper conceptual plan covering basic and long-term design features of the mine including exploration, mine development, optimum exploration and utilization of the mineral, waste handling, reclamation and rehabilitation, afforestation and protective work for environment etc. should be furnished. All the above activities should be furnished year-wise mentioning quantities involved and area to be covered for the ensuing year period.

12. It has been mentioned on page 25 that the generated waste will be dumped in dumped outside the leases area. No dump is allowed outside the lease area.
13. Under PMCP Chapter: The proposal of retaining wall & garland drain all along dumps should be incorporated.
14. Plate 7 Environment plan - The entire feature required under the rule including nearby granted leases may also be shown. The contours outside the area and within 500m from the lease boundary have not been marked.
15. Table showing computation of financial assurance area is incorrect. In the table the financial assurance for the area put for mining and its allied activities is not properly calculated. The same should be reconciled and corrected and also corrected on Financial Assurance Area Plan.
16. Financial assurance of Rs ten lakh in form of original Bank guarantee as per rule 27 of MCDR,2017 coterminous with mining plan validity should be submitted to this office and copy of the same should be enclosed as an annexure in the fair copies of mining plan.
17. A soft copy covering the entire document and plans including kml file should be enclosed at the time of final submission. An undertaking in this regards by the qualified persons that soft copy contains same documents & plates as submitted by hard copy of document & text should be given.
18. The Index of Chapters is incorrect the same should be corrected.
19. The name of the lessee should be corrected on the plans/ section of the submitted document.
20. The enclosed annexures with the submitted document are not legible. The legible copies of the annexures should be enclosed.
21. The units of the figures given in the tables should be marked in the submitted document.
22. There are certain omissions, deficiencies in the text and plates. Some of them are marked in the text & plates. Some mistakes are noticed in the text. The person preparing the document should ensure proper reconciliation before submitting the final copies.
23. Each and every page should be signed by the person preparing the document.
