

Scrutiny comments in respect of Review of Mining Plan w.r.t. Khasjamda Iron Ore-Manganese mine (area 265.878 ha.) of M/s Sri Ram Mineral Co. in Village-Khasjamda, Barajamda and Parambaljori Distt.- West Singhbhum, Jharkhand, submitted under Rule 17(2) of MCR, 2016.

A. TEXT

1. On the cover page and in the Text (a) The total lease area given on the cover page in the table ,in Preface page 1& page 2-iv,para 2.0(b)Land details is not correct(b) Type of Forest whether Reserve or Protected or Jungle Jhari may be mentioned and its Break up may also be given (c) The Date of Expiry should be 17/01/1992. Mining Lease period extended upto 31/03/2020 as per MMDR Amendment Act 2015 may be given.(d) Lapsed period 2016-17 has not been written .
2. Preface, Page 1 & Page 2-iv,para2.0(b) :- (a) The lease area ie. Grand total of land use is not correct.(b) Break-up of Protected or Jungle Jhari may be given.
3. Page 1-xxxiv,Manganese Section B. Mineral Reserve (i) Proved Mineral Reserve- How the Proved Mineral Reserve is 121 is not clear.
4. Page 1-xxxv,Table 1.15 & page 1-xxxvi,Table 1.17:- In Table 1.17 the Manganese Reserve has been shown as Probable Reserve but in Table 1.15 it has been shown as Proved Reserve. May be reconciled.
5. Page 1-xxxvii,Table 1.18 :- The reserve having UNFC Code 121 is stated as Proved Reserve. May be corrected.
6. Page 2-iv, para2.0(a) Postal address:- Correct Telephone number and e-mail address may be given in line with para 1.0(a).
7. Page 2-v, para2.0(A)(a):-Opencast mining:- How Explosive would be procured, either by self or through outsourcing may be described. If explosive is to be procured by the lessee, it should be so stated and the copy of valid Explosive Licence in favour of the Lessee may be enclosed.
8. Page 2-vi,Table 2.2:- The total excavation for Bandersena quarry is not correct. Therefore the Grand total excavation figure given is also not correct. Hence Table 2.2 & Table 2.5(A) may be modified.
9. Page 2-xiv, Table 2.5(A) :- The ROM / Waste Ratio given for 2018-19 & 2019-20 in Non-Forest is not correct.
10. Page 2-xv, Table 2.5(C), Page 4-ii,Table 4.2,4.3,4.4 :- Instead of year 17-18,18-19 etc. Year 2017-18, 2018-19 etc. may be written.
11. Page 5-iv,para 5.0(e) :- Instead of blending of different grades of ore “No blending of different grades of ore “ has been written.
12. Page 7-ii, para 7.0(b):- Number of Local Employees have not been given.
13. Page 8-vi, Existing and Proposed land use, Table 8.3 & Page 8-xxiii, para 8.6 :- The net area at the end of Review of plan period are not matching.
14. Page 8-xvii, para 8.2.0(iii):- The R.L.of present Water Table may be given.
15. Page 8-xvi to xviii, para 8.3.6 :(a) Type of species to be planted have not been given.(b) Unit of Quantity for backfilling has not been given.(c) Water quality may be monitored twice i.e. pre-monsoon and post-monsoon in a year. Accordingly proposal may be given.
16. Page 8-xxiii, para 8.5 (Care and maintenance during temporary discontinuance):- Instead of stating that if the mine will be discontinued temporarily for more than 120 days, notice will be given 30 days before the date of such discontinuance, as per Rule 28(1) of MCDR, 2017, “Notice in Form E will be given ,when the mining or mineral processing operations in the mine or part thereof is discontinued for a period exceeding ninety days so as to reach the concerned authorities within one hundred and twenty days from the date of such temporary discontinuance, may be stated.
17. Page 8-xxiv, para 8.6:- The net area to be excavated ,which is considered for calculation of Financial Assurance is not correct.
18. Page 8-xxv, para 8.6: Financial Assurance should be calculated as per scrutiny remarks s.no. 17 and submitted valid upto 31/03/2020.

19. List of Plan and Sections should be submitted as Para 10 of Part 'B' as per Universal Format.
20. List of Documents to be annexed should be given as Para 11 of Part 'B' as per Universal Format. List of Annexure Number may also be given.

B. ANNEXURE:-

21. Annexure no. XVII:- (i) Mineral Analysis Report from NABL accredited laboratory has not been submitted.(ii) Whether Quality Services & Solutions(Goa) ,Joda,Dist.Keonjhar, Odisha is NABL accredited laboratory or not may be stated.
22. Annexure no. XXV:-The Bank Guarantee No. 0605BG00000513 dated 16/10/2012 of Rs 9,41,300/- (Rs. Nine Lakh Forty one thousand three hundred only) from ICICI Bank Ltd. has expired on 31/03/2017. Financial Assurance should be calculated as per scrutiny remarks s.no. 17 and submitted valid upto 31/03/2020.

C. PLATES:-

1. CCOM's Circular 2/2010 has not been complied.
2. Key Plan (Plate no.1):- (a) The Lease area should be shown in Red Colour.
(b) In the eastern & South Eastern side the area adjoining 5Km of lease area has not been shown.
(c) 1Km line may not be shown.
3. Surface Plan (Plate no. 3) :- (a) Jungle Jhari area have not been shown prominently using suitable colours.(b) Office & Temple have not been shown prominently using suitable colours.
4. Environment Plan (Plate no.12) :- (a)500m area adjoining lease area on the Eastern side Pillar no.25 have not been shown.(b) Office & Temple have not been shown prominently using suitable colours.
(c) On the Southern side the road going towards Barajamda has not been shown. (d) On the SW side instead of "Sponge Iron Plant" ,Spong Plant has been written. May be corrected. (e) Tree density of Forest area has not been given.

Geology & Exploration: -

1. Exploration Proposed to be carried out during Plan Period - According to Rule 12(4) of MCDR 2017 *"In the case of existing mining leases detailed exploration (G1 level) over the entire potentially mineralized area under the mining lease shall be carried out within a period of five years from the date of commencement of these rules."*; in such a case the exploration proposals of the entire area in G1 level should be proposed accordingly.
2. Details of sub-grade mineral (i.e., mineral above Fe 45% and below Cutoff grade of the mine) is to be mentioned along with its utilization and stacking if any.
3. Estimation of Mineral Resource / Reserve –
 - a. Conversion factor – The bulk density of Iron and recovery factor should be based on field test.
 - b. Table 1.12A , table 1.12B and table 1.17, 1.18: mention the Year of Reserve Estimation and check the total of Total Mineral Reserves, Total remaining Resources and Total Reserve and Resources, accordingly it should be updated wherever necessary.
 - c. Table 1.18 Proved category is mentioned but UNFC code is mentioned as 121.