

Scrutiny comments in respect of Review of Mining Plan w.r.to Kundrukocha gold mine (area 19.50ha) of M/s Manmohan Mineral Industries Pvt. Ltd. in Village-Kundrukocha, Distt.-East Singhbhum, Jharkhand, submitted under Rule 17 (2) of MCR, 2016.-

A. TEXT:

1. On the cover page and in the Text (a) Instead of only Period, “Block period 2013-18” may be written.(b) Lapsed period 2013-14 to 2016-17 may also be written.(c) Proposed Period 2017-18 may be written.
2. In the Text and certificate/consent letters instead of Scheme of Mining, Review of Mining Plan may be written, wherever applicable.
3. Instead of Appendix, “Annexure ’may be written. List of Annexures may be given as Para 11 of Part B of the document.
4. Page 1:-Status of applicant /Lessee:- Name and address , Phone Number, Fax Number, Mobile number, e-mail id of Nominated Owner has not been given.
5. Xerox copy of the Qualification i.e. MSc (Geology) Certificate and 5 years experience certificate in the field of mining after obtaining degree of Sri Tarak Nath Singh, Qualified Person have not been given.
6. Page 4:- The distance from Tata Nagar may be verified.
7. Page 20, Status of compliance of violations pointed out and its compliance letters may be enclosed as annexure.
8. Page 23:- Instead of Part II, Geology and exploration: It should be Part –A, Para 1.0 Geology and exploration, as per the Universal Format.
9. Page 53:- Part II – Para 1.12 – Mineral Reserves / Resources – Given in Table No.12 – page 53. Table No. 12 - Part A – Proved Mineral Reserve figure has been mentioned as 14,026 tons of 3.7 grams per ton. There is totalling error in this. The correct total should be 19684 tons of 4.17 grams per ton. Further in this table-reserves of Karraim section figure has been mentioned as 30668 tons as UNFC 332 Category instead of correct figure of 27,254 tons. On page 50 the net reserve figure in Karriam Section has been shown as 27,254 tons after deducting mining loss of 1434 tons and ore blocked in crown pillar of 1980 tons.
10. Page 69: Reference of appendix (Annexure) 8 should be given for stoping of Adit 5 cross cut 2 lode between Adit 5 & 1st lode.
11. Page 81:- Para 4.0. Stacking of mineral reject/subgrade material and disposal of waste:- (a) Yearwise Quantity of Top Soil, O.B./Waste and mineral reject has not been given in Tabular Form as per Universal Format.
12. Page 95:- Employment Potential: Number of Local employees have not been given.
13. Page 118,para 8.3.5:-Summary of yearwise proposal for item no. 8.3:- Table should be given as per Universal Format. For item, Reclamation and rehabilitation by backfilling, the void available stope wise for backfilling, void filled by waste/tailings may be described.
14. Page 123, Part II – Para 8.6, Financial Assurance: Total net area calculation is not correct. There is totalling error In Land Use as given in Table on Page 123 . The total land being put to use should be 2.745 hectares instead of 2.2745 hectares. Accordingly the bank guarantee amount as calculated on page 125 should be 2.745 hect x Rs 3 lacs per hectares = Rs.8.235 hectares instead of Rs. 6.8235 lacs. May be reconciled.
15. Page 125:-Financial Assurance of Rs. Ten Lakh has not been submitted.
16. Para 9.0 may be given for Certificates/undertaking/consent letter, which should be in Part ‘B’, under Para 9 as per Universal Format.
17. List of Plan and Sections should be submitted as Para 10 of Part ‘B’ as per Universal Format.
18. 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:-

19. Appendix 22: In the DGPS Survey report the DGPS Survey area has not been given.
20. Bank Guarantee of Rs. Ten lakh (Only) valid upto 31/03/2018 have not been submitted.

C. PLATES

1. DGPS Map stating the DGPS area & Satellite imagery Georeferenced Superimposed Map of the lease area have not been enclosed.
2. Key Plan (Plate no.1):- (a) The Lease area should be shown in Red Colour.
(b) North Direction may be shown prominently. (c) Toposheet Number has not been written clearly.
(d) Predominant wind direction has not been given
3. LV Section and Transverse Section of Adit5 – Cross Cut 2 Lode has not been given with the Review of Mining Plan. The same should be enclosed.
4. Electricity Line has been marked with Red Colour line in Plate no 3 / 4 / 33 /36 and 37. The same should be shown in different colour as the mine lease boundary has also been marked in the same colour.
5. Waste Dump Plan (Plate no.29) & Waste dump Section (Plate no.30): In Plate No 30, i.e Waste Dump Section which has been drawn against section line P-P' – reference of plate no 29 –i.e waste dump plan should be given . Proposed waste dumping for 2017-18 may be shown prominently using colours.
6. Tailing Dam Section on Q-Q'(Plate no. 32):- Tailing dam should be shown prominently using colours.
6. Environment Plan (Plate no.33): (a) 500m line adjoining leasehold area has not been shown properly. (b) Flow direction of seasonal nala has not been shown. (c) Predominant wind direction has not been shown properly in the plan. (d) Tree density of Forest land has not been given.

Geology and Exploration:

1. Pg. 30 – Name of the Prospecting Agency /Exploration agency is to be mentioned as during the inspection it was informed that earlier exploration was done by GSI & MECL. Details of the record if any is to be attached as Annexure.
2. If Exploratory Mining has been done by any Govt. Agency or Private Agency the same is also to be reported.
3. Pg. 34 – Total Cost of Exploration so incurred till 2016-17 mentioned is Rs. 77.88 which is very low necessary corrections is to be made.
4. Pg. 38-39 - Specific Gravity is mentioned for calculation of Tonnage but Bulk density is to be used for reserve calculation. Moreover Specific Gravity of Gold is nearly 19. Necessary corrections are to be made based on report of CMRI.
5. Pg. 53 – Category wise updated reserve with grade is to be mentioned as per format prescribed by IBM in Manual of Appraisal of Mining Plan 2014.

Plans & Sections:

6. Plate no. 3 – Mention the name of the Seasonal Nala, Incline Name / number, RL is to be mentioned, Voltage of power line is to be mentioned.
7. Plate no. 4 – Some of the indexes are left blank, respective symbols are to be drawn. Name of the Seasonal Nala, Incline Name / number, RL is to be mentioned, Voltage of power line is to be mentioned.
8. In all the Geological sections mention the RL as per respective plan, if any inclination is there it should be symbolized along with the Degree of Inclination and proper dimension.