Scrutiny comments on the Modified Mining Plan of Gunjewahi Iron Ore mine of M/s Gahra Mineral, Tahsil Sandewahi, District Chandrapur, Maharashtra for an area of 15.07 hect. submitted under rule 17(3) MCR 2016.

1. The heading of document submitted is to be changed from modification of Mining Plan & PMCP to modification in approved Mining Plan.

2. The document is submitted for the period for 2017-18 to 2021-22, however as per this office record, the earlier document has expired on 31.3.2013. Hence the modified mining plan period will be from 2013-2014 to 2017-2018 (2013-14 to 2015-16 (lapse period) . The document submitted will be for the balance period ie from 2016-2017 to 2017-2018. Needs correction at all the places of document.

3. The information furnished on page no 12, under heading annual return, under para 5.23 and 5.24 are not correct. Needs correction.

4. Under para 6.2 depletion of mineral shown from last five years are 16687 T but as per office record the production from 2012-13 to 31.12.2016 is 239597T. Needs correction. Similarly balance mineral resources are to be estimated up to 31.12.2016. Needs correction at all the relevant places in the document.

5. Under para 6.6 it is mentioned that float ore is also seen in the area, there is no float ore in the area. Needs correction.

6. Under para 6.8, details of dimensions of pits are given but the technical information are not furnished. The same are to be furnished ie exposure of iron ore in the pits, their depth and the analysis of samples drawn from NABL laboratory etc.
7 The data of DTH boreholes cannot be considered for calculation of reserves/resources.

8 Under para 6.9.2, the reserves/resources are enhanced under G-2 category. The procedure adopted for enhancement of same is to be elaborated in details as per UNFC guidelines.

9 Lithologs of pits, other exploratory working along with sampling data, location, analysis from NABL laboratory, various parameters considered for estimation reserves/resources, are to furnished.

10 The reserves/resources are to estimated by cross sectional method only.

11 Under para 6.10 it is mentioned that the in future the area will be explored by DTH boreholes. The boreholes to be drilled in future should be of coring nature and it should fulfill the UNFC guidelines.

12 Under para 6.9.8, table is to be recasted keeping in view the UNFC classification.

13 Under chapter 7.0, sequence of mine working to be elaborated in details ie size of benches etc.

14 Under chapter mining, volume of excavation and production is to be furnished for the proposed balance period. Similarly, year-wise generation of waste and ore is to be furnished in tabular form also, which include cross-section no, up to bench level (mrl) cross sectional area, area of influence, volume and in case of ore B.D considered.

15 Under chapter 7.4 total annual waste mentioned is 96,000T however under para7.2.1 total annual waste mentioned is 24000T. Needs clarification/correction.
16 Under para 7.17 site for disposal of waste /reject is to be mentioned and the disposal of waste is to be inside the lease boundary only.

17 Under para 7.18, conceptual mine planning up to end of lease period taking into consideration available reserves/resources, describing the excavation, recovery of ROM, disposal of waste, back filling of voids, reclamation and rehabilitation is to be described properly.

18 Life of mine is to be calculated based upon the modified reserves.

19 Under 10.2, This is to be mentioned that all the dumps will be within the lease area only.

20 Under chapter no 14.0, existing land use pattern indicating the area already degraded due to mining, dumps etc not matching with area marked on the plans. Needs correction in all the place of document.

21 Table under 14.2 is to be corrected, not matching with the present status of pits, dumps etc. marked on the plans.

22 Under proposal for reclamation and rehabilitation plan period is to be modified, similarly in all the relevant places of document.

23 Area breakup shown for calculation of financial assurance table not matching with the area marked on the plans. Needs correction.

Plates:-

1 Plate no 2, name of lessee and name of certified person, index etc is to be given.

2 Plate no 3, Title and index of plate not mentioned
Plate no 4, Dumps and other mining activities have been shown outside the lease boundary. The same are to be shown inside the lease boundary. Needs corrections in all the relevant plates of the document.

Plate no 5, Dip and strike along with various litho units in all the four pits are to be marked. Similarly area under different category of reserves i.e. 111/121/122/333 etc is to be marked on the plate as per UNFC.

Plate no 6, along section C-C 1, various litho units exposed in the pits no 1 along with depth are to be shown. Similarly cross section is to be drawn along the pit no 2,3 and 4 showing the same parameters as mentioned above. Needs corrections.

Plate no 7, Year-wise development and production plan not shown properly, It is to be for the year 2016-17 and 2017-18 only. Need correction in all the relevant places of the document.

Plate no 8, Year-wise development shown on section not matching with the plan and It is to be for the year 2016-17 and 2017-18 only.

Plate no 9, Total area shown under different activities in the index is to be corrected.

Plate no 11, Conceptual plan is to shown for the balance period only i.e. 2016-17 and 2017-18 only. Similarly modification to made in plate no 12.

Plate no 13, Breakup shown for calculation of financial assurance in the index are not matching with the area marked on the plan.

Certified copy of Geo cadastral is to be enclosed.
Annexures:-

12 All the certificate enclosed are to under letter head.

13 Certificates of the person who has prepared the document are to be enclosed ie degree, experience etc.

14 The photographs enclosed are the same with were attached with the earlier SOM. Latest photographs of all the pits along with single photograph of the entire area are to be enclosed.