

**Scrutiny comments on the Review of Mining Plan of Munsar mine of M/s MOIL, Tahsil Ramtek, District Nagpur, Maharashtra for an area of 0.97 hect. submitted under rule 17(1) MCR 2016. The area was inspected by Kewal Krishan, Sr Mining Geologist on 14.7.2017**

**Text**

- 1) On the cover page type of mining ie dump mining is to mentioned
- 2) The document was due for submission from 2015-2016 but the same has been submitted after one year, Justification for the same is to be given.
- 3) Under chapter 2.0 co- ordinates are to be corrected. They should be as per the Cadastral plan.
- 4) Under chapter 2.0 details of Khasra no are to be mentioned.
- 5) Under chapter 3.0 , balance mineral in the dumps as estimated in the earlier document are to be furnished.
- 6) The estimation of reserves/resources as mention on page no 16 for float ore are to be elaborated ie no of trenches made, their size and analysis from NABL etc.
- 7) On page no 17, proposed year wise clean ore production for the said area/dumps are to be mentioned only
- 8) Under chapter mining, types of dumps are to be specified ie whether old or new. In case of new dumps from other leases which are dumped in the said area/lease and are used for sale or consumption on any later date, the details of royalty payment for the last five are to be furnished. This is also to be mention in the document that the dumping is being carried out since how many years.
- 9) Under chapter mining, details of dumps are to be specified, which should include dump no, size of dump, area of dump, recovery factor, details of samples collected, their analysis and the total mineral recovered etc.
- 10) Method of recovery of ore from dumps is to be elaborated.
- 11) Minerals recovered/clean production from the said lease dumps are to be mentioned in separate table.

12) Under para, year- wise dump development on page no 18 , production in - T of Munsar mine , 5.74 ha area is mentioned. Needs clarification/correction.

13) Under conceptual mine planning, total year wise clean ore production for the said area/ lease is to be mentioned only.

14) The production of ore should not be more than the EC limit approved.

15) Construction and maintenance of boundary pillars should be as per GSR 710(E) dated 08.10.2014 of Mineral Concession (Second Amendment) Rules, 2014 .

### **Plates**

1) Float ore area and dump area are to be shown on the plate no IV and V.

1) Financial assurance table is to be shown on plate no IX instead of plate no.VII. Similarly the total area shown against FA in the plate is more than the area mentioned in text.. Needs correction.

2) Plate no IV and V, scale mentioned is 1:1000, whereas in the text on page no15 for the same plans scale written as 1:2000. Needs correction.

### **Annexures**

1) Letter from Forest authority regarding forest clearance is to be enclosed.

2) Analysis of dump samples and float ore samples from NABL laboratory are to enclosed.

3) Proper serial no of the annexures are to be mentioned.

4) Photographs of boundary pillars are to be enclosed.

5) Photographs of dumps/float ore area and lease are to be enclosed