

Discrepancies observed in the Review of Mining Plan of Munsar Mine (Area- 25.15 Hect.) of M/s MOIL Ltd., located in Tehsil Ramtek, Distt. Nagpur (Maharashtra), submitted under Rule 17(1) of MCR, 2016 inspected by the undersigned on 26/04/2017

Text and Plates:

1.0 General and Review of Mining plan:

1. PMCP is an integrated part of Mining Plan. Thus cover page should be revised accordingly and document should be mentioned submitted under Rule 17(1) of MCR'2016.
2. Details of other leases held by the lessee should be enclosed.
3. On page no. 5, instead of Scheme of Mining, review and Updation of Mining Plan under Rule 17(1) of MCR'2016 should be mentioned.
4. Status of surface rights for the private land should be informed.
5. Granted EC limit as per Annexure-II is 49992 T per annum and is composite for all 5 leases. In such case, alongwith the production details of this lease, production from all the leases (combined) should be mentioned in the review as well as proposals to verify the production against granted EC. If the production has been exceeded from EC limit, all the proposals should be modified accordingly.
6. Under 'Dump Development and Production' given on page no. 6, table should be modified indicating quantum of mineral available in the dumps at the start of last SOM period, quantum of material handled year-wise (proposed and actual), quantum of material recharged/dumped in the black dumps and cumulative available as on date.
7. Forest Clearance for the 3.40 ha area under Zudpi Jungle needs to be enclosed with the document.
8. Mine photographs should be enclosed.

2.0 Geology and Reserves:

1. Resources/ reserves need to be reported as per the format given in the IBM Manual for Appraisal of Mining Plan 2014.
2. Reporting of reserves/resources should be done giving the position of reserves/resources in the approved Mining Plan, then deducting the depletion of reserves due to production during the proposal period of the approved Mining Plan, then addition due to exploration (if any) and finally re-classification as per Mineral (Evidence of Mineral Content) Rules'2015.
3. Future exploration proposals should be made in accordance with Rule 12 of MCDR'2017.

3.0 Mining:

1. Existing and proposed area for various mining activities should be shown on the Financial Assurance Area Plan distinctly.
2. On page no. 21, dump ore recovery is mentioned as 21% (including fines), but in the reserves chapter and mining chapter the same has been considered as 15%. Generation of fines should be informed with total recovery both being saleable part as per the statement.
3. Extent of development, production etc. in the proposal period as well as upto conceptual period should be mentioned clearly showing year-wise levels in the text as well as relevant plates.
4. Conceptual Plan and sections should be drawn showing position of mine at the end of mine-life period.

5. As per item (k) (b) on page no. 12, management of 10%-25% Mn containing material to be discussed.
6. Analysis report for fines should be enclosed.

4.0 Progressive Mine Closure Plan:

1. Amount of FA should be revised as per Rule 27 of MCDR'2017 and details of existing FA should be mentioned on page no. 68.
2. A water balance chart should be enclosed and should be discussed in the text mentioning amount of water re-circulated/ recharged. Suitable permissions for ground water withdrawal may be enclosed.
3. SDF: this should be added under PMCP details and a brief note about mine with special emphasis on SDF should be given here alongwith suitable supporting documents like expenditure done towards SDF and CSR, future SDF/CSR proposals, Star Rating of the Mine etc.

5.0 Plates:

1. All the plates should bear the reference of the document under submission.
2. Location plan as per item 2.0 (c) of the text needs to be submitted.
3. In compliance to CCOM Circular 2/2010, Geo referenced cadastral map authenticated by state govt. in original needs to be enclosed.
4. Surface Plan: Demarcation of Forest and Non-forest land should be done on the plan.
5. Environment Plan: Environment plan should be submitted as per the provisions of Rule 32(5) (b) of MCDR'2017 showing details for 60m and 500 m radius.
6. Reclamation Plan: year-wise activities under progressive closure should be marked on the plan.
7. Financial Assurance Plan: Area put to use at the start of SOM period and area required during the 5-years period should be shown distinctly on the plates and land use table should be shown on the plate for the calculation of FA.

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ACOM