

Scrutiny comments on the Review of Mining Plan of Gumgaon mine of M/s MOIL, Tahsil Saoner, District Nagpur, Maharashtra for an area of 48.596 hect. submitted under rule 17(1) MCR 2016. The area was inspected by Kewal Krishan, Sr Mining Geologist on 1/5/2017

- 1) In the certificate submitted regarding Review of Mining Plan, the rule 24 of MCDR 2017 is to be mentioned instead of rule 23 B of MCDR 1988.
- 2) Under chapter 1.0, briefly describe the topography, drainage pattern, vegetation, climate, rainfall data of the area applied/mining lease area, similarly regional and local geological succession of the area is to be furnished.
- 3) Under chapter 2.0, total mineral resources (331) are to be corrected as per the table furnished on page no 14 and 15. Similarly corrections are to be made in all the relevant places of the document.
- 4) Details of boreholes considered for calculation of reserves/resources are to be furnished in text and marked distinctly on the Geological plan, similarly borehole logs are to be enclosed along with their analysis from NABL laboratory.
- 5) Reserves/resources are to be calculated by cross-section wise as well as by level plan wise method and the details of the both are to be furnished in tabular form.
 - 6) Describe development and stoping method
 - 7) System of drilling and blasting
 - 8) Subsidence management is to be described..
 - 9) Under heading mine ventilation, total air requirement as per statute, total intake / return (cu.m/ sec) etc is to be furnished.
 - 10) Under extent of mechanization, describe briefly with calculation for adequacy and type of machinery and equipment proposed to be used in

different activities of drilling, material handling in development and stope, hauling, hoisting to surface, surface transportation and any other operation.

11) Instead of proposed ROM from dump proposed production from dump is to be mentioned on page no 28.

12) year-wise generation of reject, used for back filling and storage is to be furnished.

13) ROM production should not be more than the EC limit approved for the entire group of leases..

Annexures

- 1) Copy of 308th board meeting, regarding approval of the nominated owner is to be enclosed .
- 2) Boreholes logs along with analysis from NABL are to be enclosed
- 3) Copy of letter regarding submission of Form -J is to be enclosed. (now changed to form I)
- 4) List of annexure is to be enclosed properly.
- 5) EC for the said lease area is to be enclosed..

Plates:-

Plate no I, lease area is to be marked with distinct color and the same to be shown in index.

- 1) Plate no 6, It is noticed from the boreholes intersection that the ore body has been proved around up to -300L. However, the projection of the ore body is shown up to -400L. Needs correction/modification in plates and all other places of the document.
- 2) Plate no 7, proposed winzes shown on the map are to be incorporated in text also.

- 3) Plate no 12, certified copy of DGPS plan by state DGM is to be enclosed , without which it will not be considered for further necessary action..
- 4) Plate no 14, area put to use for different activities are to be shown in tabular form.
- 5) Photographs of boundary pillar are to be enclosed.
- 6) Financial Assurance as per rule has not been submitted. As per document submitted net area considered for calculation is 23.426 ha. The FA is to be submitted to next higher sum up ie 24 ha.