

SCRUTINY COMMENTS ON DRAFT REVIEW OF MINING PLAN IN RESPECT OF PAKHAR BAUXITE MINE (AREA-15.577 HA) IN VILLAGE PAKHAR, DISTRICT LOHARDAGA, STATE JHARKHAND OF M/S MINERALS & MINERALS LTD. SUBMITTED UNDER RULE- 17(2) OF MCR, 2016.

TEXT

01. Details of approved MP / Scheme of Mining (Page: 08, Item no. 3.2):

(i) The plan period of the modification in approved mining plan approved under rule 17(3) of MCR, 2016 vide letter dated 09/05/2016 should be mentioned.

(ii) Copy of Form D-1 regarding Notice of temporary discontinuance of mining operation w.e.f 10/09/2014 enclosed as annexure – 9, but the intimation of re-opening of mining operation has not been enclosed in the document. Same should be mentioned in ‘Remarks’ column under item ‘Review of earlier proposal’. Also rule no. of MCR, 1960 should be written correctly.

02. The Star rating status under rule 35(1) of MCDR, 2017 should be mentioned.

03. (i) During the inspection only few boundary pillars were observed. The pillar number & their co-ordinates were not marked on the boundary pillars. More photographs of the boundary pillars of the lease area with pillar number and co-ordinates may be enclosed in the document.

(ii) The caption of the photographs enclosed as annexure 24 is not given.

04. Compliance of violations pointed out by IBM (Page: 11):

The details of violations pointed out by IBM and their compliance position submitted by the company may be furnished in the following table.

Sl. no	Letter reference with type of correspondence like Violation letter / Show cause Notice etc.	Violation of rule/ rules pointed out	Reply status

05. Geology & Exploration (Page: 17 & 19):

Name of the boreholes (SWP 1 to 8) drilled during the year 2017-18 and bore holes proposed (PKR 1 to 10) to be drilled during the year 2019-20 should be mentioned in the text.

Mining:

06. Year wise development:

i) Year 2019-20: Location and name of the exhausted quarry proposed for backfilling should be mentioned in the text.

ii) Year 2021-22: Location and name of the exhausted quarry proposed for backfilling should be mentioned in the text.

iii) Year 2022-23: During the year quarry no. 4 & 5 proposed to be developed. But in the table it is mentioned as quarry 2 & 3. Same may be corrected.

07. Extent of Mechanisation:

The deployment of Excavators proposed for mining appears to be on higher side. May be checked.

08. Drilling & Blasting:

The drilling parameters and yield per hole appears to be on higher side. May be checked.

09. Conceptual mine planning: (Page no. 36):

The location of the proposed water reservoir during the conceptual plan period should be mentioned in the text. The mined out area in the southern part of the lease area proposed for water reservoir whereas no proposal has been made for the mined out area of the southern part of the quarry no.2.

10. Employment potential: (Page no. 48): The number of persons employed under driller and Drilling helper may be checked.

11. Page no. 62: Location of the proposed plantation for the year 2019-20 & 2020-21 may be corrected.

12. Page no. 63: There is no mention in the text/plan about quarry no. 2A proposed for water reservoir during the plan period. Also no reclamation proposal has been made for the mined out area of the southern part of the quarry no.2.

13. Page no. 67: Afforestation on the backfilled area may be checked. Also area proposed for rehabilitation by making water reservoir has not been mentioned.

14. Financial Assurance (Page 70):

Copy of the Bank guarantee of financial assurance for the plan period has not been enclosed in the document. A composite Financial Assurance as mentioned in page 70 amounting to Rs 29,16,000/- with the validity up to the plan period of the Review of mining plan should be enclosed.

15. The validity of Certificate of Accreditation of SUN-TECH enclosed in the document is up to 30/03/2017. A valid certificate may be enclosed.

16. Consent letter/undertaking/certificate from the applicant:

It should be clearly mentioned whether the CCOM's circular No. 2/2010 and its addendum dated 21/09/2011 and 11/06/2014 have already been complied or not.

PLATES

01. The relevant plates required under Rule 35(2) of MCDR, 2017 should be enclosed in the document.

02. Plate No. 3 (Surface Plan):

Surveyor's signature is missing in the surface plan. The plan should be signed by a competent surveyor.

03. Plate No. 4A (Geological Sections):

i) Section 1A-1A' - Borehole no. 65 not shown. ii) Section 26-26' - Colour code for bauxite not shown correctly. iii) Section 18-18' - Plantation over backfilled area not shown.

04. Plate No. 5A (Development Sections 2019-20):

Area already backfilled are not marked in the sections.

05. Plate No. 6A (Development Sections 2020-21):

Area already backfilled are not marked in the sections. Also area proposed for backfilling not correctly marked in the section 14-14'.
