

Annexure - I

SCRUTINY COMMENTS ON THE DRAFT REVIEW OF MINING PLAN OF GURDARI BAUXITE MINE (AREA 584.19 HECTS.) OF M/S HINDALCO INDUSTRIES LTD. VILLAGE – GURDARI, DISTRICT – GUMLA (JHARKHAND) SUBMITTED UNDER RULE 17(2) OF MCR, 2016& 23 OF MCDR 2017.

TEXT

1. Mine code of Mine to be furnished.
2. Copy of authenticated lease map attached with supplementary lease deed to be annexed.
- 3 Mobile no and email of lessee /Owner/ company/prospecting agency to be added.
4. P-16, Year wise no of boreholes drilled and area covered to be summarised in tabular form.
5. P-17, No of samples collected and analysed to be given . 10% of the analysis report from NABL accredited laboratory to be attached.
6. Few sample analysis report attached dated 12/06/2014. Latest analysis report to be attached.
7. Ambient air quality report of Kujam-II and Amtipani have been attached along with Gurdari Mines . Out of about 600 ha lease area of Gurdari mines air quality report of only two area has been attached may be justified.
8. Similarly Noise level reports of Kujam I, kujam II and Amtipani have been attached along with Gurdari may be justified. Noise level inside the lease area on relevant locations to be furnished.
9. In case of drinking water analysis report of Amtipani mine has been attached may be justified.
10. During inspection very few Pillars were there . Few photographs of boundary pillars showing pillar no , co ordinates and direction as per rule 12V of MCR, 2016 may be attached..
10. Area explored under G1, G2, G3 & G4 and balance area yet to be explored to be given in hectares.
11. Reserve as on 01.04.2015 has been calculated on the basis of 90% recovery which later on modified to 70%. Reserve as on 01.04.2019 to be calculated , after modifying reserve as on 01.04.2015 with 70% recovery factor and subtracting actual production achieved during 2015-16 to 2018-19.
12. Bulk Density and recovery factor report from NABL accredited laboratory to be attached.
13. P-25, Column Showing (G1, G2, G3 categories to be shown) along with area to be added showing level of exploration .
14. P-31, Year wise quarry marked for proposed production do not match with boreholes numbers.
15. Powder factor calculation on the basis of field test for Bauxite and OB to be given.
16. P-40, Ultimate pit area dimension to be furnished and five year plan period to be explained instead of four years. The area of UPL mentioned have not been explained with justification vis a vis the exploration carried out.
17. Year wise land use pattern during five year plan period to be provided (P-42).
18. Certificate from the lessee regarding proposed measures in closure plan will be implemented in time bound and realistic manner .
19. Calculation of Excavator of Amtipani Bx Mine to be detached The document to be thoroughly revised..
- 20 Valid C.T.O. (validity 31.12.2020) & Bank Guarantee (31.03.2019) and their present status may be mentioned Explosive licence (31.03.2021) for the plan period to be attached.
21. Annexures should be arranged in proper order and their serial number to be maintained..
22. All the correction should be made in the PMCP as per above scrutiny as and where required.
26. Star rating awarded during previous years to be given

PLAN & SECTION :

1. All plan & section should prepared as per rule 31 of MCDR 2017 with a scale of the plan at least twenty five centimeters long and suitably sub-divided as per rule 31(C) of MCDR, 2017.

2. i. Colour scheme of plan and section do not match.

ii) Plan and section do not match

iii) Index colour do not match with features on plan and section.

iv) Date of last survey and signature of surveyor are missing in plates.

v) Top and Bottom R. L. in quarry and benches are missing.

vi) Positive and Negative bore holes to be of different colour codes should be marked on Plan and section

Plan and sections

1. Geological plan sections should be marked UNFC code of exploration and Reserve with codes.

2. While simultaneous mining and backfilling ,both activities should be shown distinctly with calculations of waste to be generated and concurrently to be backfilled in a year-wise manner with mRL. The backfilling and mining sequencing should be shown in development plans & sections in a clear manner.

3. Top and Bottom R. L. in quarry and benches are missing. Quarry numbering to be checked.

4. The boreholes not falling under cross-sections lines and has been projected in the section may be written projected 'P' as suffix.
