

Scrutiny remarks on Review of mining plan and PMCP for Kondappanai cke - npatty Magnesite mine over 2.56.9 ha. in Kondappanaickenpatty village, Salem taluk and district of Sri.G.Rajkumar Proprietor Universal Mining Corporation.

1. **General:** As per records mining lease expiring on 18/09/2017, but details about extension as per latest government notification, etc., have not been discussed in introduction para.
2. Para 3.3(i): It is stated lessee had drilled five boreholes during mining plan period, but same was not shown in geological cross sections and also name of exploration agency may be furnished.
3. Page no-7: Proposed and actual production details may be furnished for the last five years instead of two years.
4. Page no-12 & Tables 17 to 22: The reserves and resources may be re-estimated as the estimation includes area below the backfilled area also. Accordingly, the reserves and resources may be re-estimated as per UNFC norms.
5. Notice of boreholes in the prescribed form is not submitted to Indian Bureau of Mines. The reasons for the same may be explained.
6. Page no-19: Dump rehandling: This para may be modified as the area was backfilled. Table 27: Proposal for 2020-2021 – Year wise development and production shown on backfilled area. This may be shifted as per requirement and necessary calculations in the table be corrected.
7. The configuration of pit shown in the modification to the approved mining plan approved on 24.05.216 is not matching with the pit configuration shown in present submitted document such as position of workings, backfilled area, dumping, etc. Moreover, it is clear from the photographs attached in the document the profile shown in the section are also not tallying with each other. The same may be properly justified.
8. Adequacy of the dumping area with reference to waste generation may also be discussed.
9. Physical and chemical analysis reports for waste may be submitted.
10. Few color photographs showing the mining and environmental status of the area are to be given.
11. A copy of the mining lease deed may be furnished.
12. Copies of valid environment clearance and pollution clearance may be submitted.
13. The boundary pillars erected are not as per CCOM Circular. All pillars may be erected as per CCOM Circular and a Photograph in this regard needs to be submitted.

Plates:

14. Qualified person is advised to check the entire document including plates before signing.
15. All sections may be drawn on uniform scale i.e. 1: 1000 both for horizontal and vertical for better clarity.
16. All proposals should be within lease area, leaving 7.5m all along the lease boundary.
17. Boundary pillars erected are not as per CCOM circular. All boundary pillars may be erected as per CCOM Circular and photograph may be enclosed in this regard.

18. Plate No- IV: Geological plan & Sections: The geological cross-sections and longitudinal sections should be drawn across the dip and along the strike, but same was not done in this plan. Drilled boreholes are not shown in sections. About 120x32x16m height pit was already backfilled and below this proved reserve was shown which is not understood. Further, two years proposed excavation was shown under the backfilled area. All these are confusing. Accordingly, the area may be resurveyed, all plans & sections may be redrawn and reserves and resources may be re-estimated as per UNFC norms.
19. Plate no-V: Year wise development and production plan and sections should be drawn separately, year wise, as mine is proposed to be worked as Cat 'A' Other than fully mechanized mine.
20. Plate no-VI: Mine layout, land use afforestation plan, dimensions of proposed pit, topsoil, existing and proposed backfilling etc. may be furnished.
21. Plate no-VII: Financial area assurance plan - The area considered for calculation of financial assurance is incorrect in view of the above comments.
22. Plate no-IX: Conceptual plan and sections may be drawn as per CCOM's circular.
23. All the above modifications may be carried out in CD also and submitted.
