

Scrutiny Comments on MODIFICATION TO Approved MINING PLAN with PMCP FOR Adanakurichi Limestone Mines over an area of 80.26.0 HA in Adanakurichi ,Alathiyur,Manakkudayan -Village, Sendurai- TALUK Ariyalur- DISTRICT, TAMILNADU.(OFFICE SCRUTINY) Mine code- 38TMN38029.

- 1)Page-1 & 3- The mining lease Period / Expiry date of the mining lease should be from the date of first grant of mining lease as per MMDR(Amended)Act2015 should be corrected. it should be corrected in all relevant pages.
- 2) Page-1- The general information on mining lease should be provided ,i.e- captive to which plant , capacity of plant and details of mining lease, ways of transportation of minerals to plants,etc.
- 3) page4 -Mobile number in the location and accessibility is to be provided.
- 4)page-6- para-3.1- Date and reference of all earlier approved Scheme of Mining- the details of all earlier MS/MP should be given as information of only one MS is provided.
- 5)page-23- In mining chapter the excavation of limestone is to be more elaborated and how the bench height and width is maintained with surface miner is to be explained, use of ripper dozer and blasting practice is to be explained with pictures of mining process as annexure.
- 6)page-25- the total limestone in Cum is 857031 m³ whereas the rejects is 437052 in cum but the ratio of OB to Ore is not correct even if specific gravity is taken it comes to 1:0.35. it should be corrected everywhere and the dumping areas calculation.
- 7) Production proposal for the year 2018-19 may be restricted to pro rata since 7 months already crossed in the year.
- 8) page-32- it is mentioned that question of rehabilitation does not arise as there is no habitation-the rehabilitation means the restoring the land in better than the previous land use whether the land is having any habitation or not. Hence it should be discussed in detail how the land used during the mining will be better rehabilitated than previous land use.
- 9)page-35- table-4.1- the mineral rejects are of two types i.e is overburden and ISR hence both quantities should be separately given in table.it should also be explained properly as the ISR is dumped after screening in para-B.
- 10)page-38 para-d- the quantity of ISR is dumped in waste dumps, hence the waste dumping height should not be more then the height of nearby area so that the rain-water will not go beyond the lease boundary.
- 11)page-49- para-1- it is mentioned that the height of backfilling is up to original profile- it should be corrected as per scrutiny comments numbet-9.
- 12)page-49- table-8.7- The R.L of backfilling should be given.
- 13)page-50&51- table-8.8- it has been mentioned that water reservoir of 25.10ha will be formed during the plan period hence it should be recalculated and explained properly how it will be executed practically.

Plates:

- 1) Plate no- 5 to 11- It is mentioned that imported limestone stockyard is made which is not as per rule.
- 2) Plate-4- the GPS- coordinates of some of the assessable boundary pillars is to be provided which will facilitate the inspection.
- 3) Plate-5- section line marking should be given in bold to distinctly identifiable.
- 4) Plate-4 to 11- the S.F no 9(part) which is not in any lease should be clearly demarcated in all the plates.

- 5) Plate-12- year-wise production and development section should be given in 1:1000 scale to have clear understanding and if the length is more then the G.O no- (3D)/ non- working area should be drawn with break line.
- 6) Plate-13- the Reclamation plan RL should be modified as per scrutiny comments number- 9.
- 7) Plate-16- conceptual cross-section should be drawn in 1:1000 scale.

Annexure:-

- 1) In CD the GPS- coordinates in excel should be given.
- 2) All calculation should be given in Excel sheet for reserves and Planning proposals.
- 3) Photographs of boundary pillars should be given.
- 4) All annexures should be signed by Q.P by giving - Annexure number and page no-..... to page no.....
- 5) Copy of Environmental Clearance Certificate and Pollution Control Board Certificate may be enclosed.