

Scrutiny comments on "Review of Mining Plan Including Progressive Mine Closure Plan Periyakurichi Limestone Mine (Mine Code: 38 TMN 14037)of M/s The India Cements Limited, Dalavoi Works, Sendurai Taluk,Ariyalur District, Tamil Nadu. (ROMP Period-2022-23 to 2026-27) -office scrutiny.

- 1) Para-1.1.2: Mining Plan Submission Criteria Details- Reason/s for modification should be deleted as this is only review of mining plan and not the modification to approved Mining Plan.
- 2) Para-2.2.4.2: Resource Calculation- the reserve calculation depth should also be indicated. The reserve should be recalculated by taking atleast two longitudinal section line into consideration.
- 3) Para-2.2.4.2: Resource Calculation- At the bottom on more row should be added for total.
- 4) Para-2.2.4.11: Calculation of blocked resources- At the bottom on more row should be added for total.
- 5) Para-2.2.4.12: Calculation of Reserves-- the reserve calculation depth should also be indicated. The reserve should be recalculated by taking atleast two longitudinal section line into consideration. Also at the bottom on more row should be added for total.
- 6) PARA-2.2.4.13: the total reserve is not matching with the reserve given in this table. Hence it should be corrected wherever required.
- 7) Para-4.1.2: Proposed Method of Mining- it has been mentioned that the "This planned production is tentative quantity only , it may decrease due to cement factory requirement from this mine" it should be removed because it change in production required modification of the Mining Plan.it should be corrected wherever required.
- 8) Para-4.2.2.1: Bench Parameters- the years should be specifically mentioned as cleared during the zoom - meeting on mining plan.
- 9) Para-4.2.2.2: Yearwise Opencast Development- the years should be specifically mentioned. i.e 2022-23 ,2023-24 etc.
- 10) Para-4.2.2.2-yearwise total quantity should be given at the end of the year.
- 11) Para-4.2.2.2:-OB to Ore Ratio (ton/m³) is not correct it should be corrected.
- 12) Para- 4.3.2: Insitu Mining- the years should be specifically mentioned. i.e 2022-23, 2023-24 etc. the ore to OB ration is not matching with earlier table.it should be corrected.
- 13) Para-4.3.4: Calculation Summary- year should be given as 2022-23 etc.
- 14) Para- 4.4.5.1: Excavator & Loading Equipment- in earlier table you have taken one standby which is not taken in this table. Hence it should be calculated.
- 15) Para-4.6.3: Skilled Workers / Operators- total number of dumpers is taken as 10 and two shovel but manpower is less it is not matching hence it should be recalculated and corrected.
- 16) Para- 4.6.7: No of Persons Engaged Per Day- it should be corrected as per previous comments.
- 17) Para 5.1: Sustainable Mining and SDF Implementations in Compliance of Rule 35 of MCDR'2017 should be properly filled. i.e years, para-5.2.1.10: Any Other Steps Taken for Improving the Socio-Economic Standard of Local Communities, 5.2.1.11: Adoption of ODF,
- 18) Para-6.2.1.1: Year Wise Proposal should be given specifically.
- 19) Para- 6.2.2.2.2: Retaining Wall should be given and should be shown in plan.
- 20) Para- 6.2.2.2.3: Garland Drains should be given in lengths and should be shown in plan.
- 21) Para- 6.2.9.2: Year Wise Proposal- years should be given in 2022-23 etc.
- 22) Para- Chapter 7: Financial Assurance/ Performance Surety (AREA PUT TO USE)- in some years it is taken negative which should be taken as zero since at the start of the year it was there and hence F.A should be recalculated and submitted.
- 23) Financial Assurance details should be furnished.
- 24) Chapter 8: Review of Previous Proposals (Not applicable for fresh grant)- reason of deviation given should be properly justified and explained.
- 25) List of Annexures (in pdf format):- feasibility report should be corrected.

Plates:-

- 1) Surface plan- the face position should also be shown in the KMZ file.
- 2) Plate-7- Atleast two longitudinal section lines should be drawn.
- 3) Longitudinal section line in Year-wise cross-section should be submitted.
- 4) Financial assurance plan should be given.
- 5) Environmental Plan(.KML /.KMZ/.SHP format)(Georeferenced)- should be provided with prominent wind direction.
- 6) Five year Development sections (in pdf/.dwg format) should be provided.
- 7) The longitudinal section line should be drawn in geological plan and atleast two longitudinal section line should be drawn.
- 8) All plan and section PDF should be submitted.

Annexure:-

- 1. All certificates should be digitally signed by QP and lessee.**
- 2. All calculation should be given in excel sheet in CD.**
- 3. The .kml file of lease and .shp file for feature such as stockpile/ dumps / lease boundary etc should be given in Cd and in mail.**
- 4. Feasibility report should be signed by QP.**
- 5. The annexure should be clubbed only after digital signature.**