

Scrutiny Comments on Review of Mining Plan with PMCP for Pallakkapalayam Limestone Mine over 11.65.0 hectares in Pallakkapalayam - Village, Kamarapalayam-Taluk and Namakkal-District, Tamil Nadu State of M/s. India Cement Ltd. Mine code - 38TMN11019

1) The mine code should be quoted correctly wherever required.

Part –A

Geology and exploration: -

k) Estimation of Limestone reserve should be recalculated towards the south side of the lease. Table no-4 – the reserve should be recalculated by drawing additional cross-section in southern side of the lease cross- intersecting the bore-hole.

Bore Hole -15 log should be attached in the Annexure.

The mineral reserve and resources should be re-estimated taking above cross-section also.

Mining-

Opencast mining

- 1) Existing and proposed method of working should be narrated properly.
- 2) Calculation of Mining machineries
 - a) No. of hole required to be drilled is to be given.
 - b) Need to specify the primary breaker/secondary breaker (specify capacity)
 - c) Specify the capacity of Shovel.

TableNo-7- Recalculate the reserve.

- d) Salient features of working should be narrated properly.
- e) Conceptual mines Planning should be redesigned taking the safety barrier properly as per statute.
- f) Manpower – Organisation chart should be based on the MCDR 2017 rule-55
- g) Table-29 -In dump management formation of Garland drains and parapet walls should be given.

Financial Assurance – should be recalculated as per 27 of MCDR-2017

Plates: -

Plate-5 section JJ' should be shifted to cross bore hole-1.

Plate-6 draw section for pit no-3 and redraw the Ultimate pit limit as per statute and recalculate the reserve as per UNFC guideline. Ultimate Pit limit line should be made more prominent.

Plate No-13- As the dump is still existing the garland drains should be made in first year itself all along the dump. Change the Index accordingly.

Plate No-15 include pit no-3 in the plan.