

**Scrutiny Comments on Review of Mining Plan with PMCP for Nanjankulam Regrouped LIMESTONE Mine over 7.33.00 hectares in Ramayanpatti - Village, Tirunelveli-Taluk and Tirunelveli-District, Tamil Nadu State of M/s. India Cement Ltd.**

**Mine code - 38TMN15007**

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**1. General:**

The chapter number for mine drainage may be correctly mentioned as per the IBM manual.

**2. 2.0 Location and Accessibility-**

(a) The mobile No of the lease holder should be given.

(b) (1)Details of lease area:- how the area of 5.460 Ha is derived as non-mineralised area, may be explained.

(2) photographs of all corner boundary point/pillar is to be given in Annexure with erection of boundary pillars at site and latitude/longitude with RL is to be marked in pillars.

**3. 3.5 Environment Clearance:- The status of Environment clearance application and other details like capacity etc. May be furnished. The relevant documents in this regard may be Annexed.**

**4. Measures of dust suppression/etc**

1) The page number in allAnnexures is to be indicated and particular page number where information/report is placed is to be indicated wherever required.

**Part –A**

**1) Geology and Exploration**

i) Proposed Exploration:- the details of exploration already carried provides one bore hole upto 0 RL which shows the presence of Minerals hence proposal should be given for exploration below 35 RL.

j) & k) Preparation of feasibility report:- the resources shown in text and plan is to be given correctly as per UNFC code as the deposit dipping towards south side and the shifting of ultimate pit limit will increase the reserve. Recalculate the reserve and resources.

**2) Opencast Mining-**

It has been proposed in the previous approved document for the year 2017-18 upto 17.10.2017 a quantity of 32896 T. In the present submitted ROMP it has been proposed a quantity of 35911T for the year 2017-18 i.e. 18.10.2017 to 31.03.2018. The production proposal for the year 2017-18 should not exceed to a quantity applied for Environment clearance. Accordingly proposal may be redrafted in all relevant places of Text and Plates.

ii) Dump Re-handling will be required partly during next plan period so correction should be made accordingly in the text as extant of mining will also increase.

e) Layout of mine working :- the proposed waste dumping should be in north side of the mining lease area, hence no further dumping in dump No-3 should be proposed and changes in all relevant text should be made

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f) Attach a note indicating the manner of disposal of waste, configuration and Sequence of year wise build-up of dumps along with the proposals for protective measures considering above point and accordingly change the Conceptual plan and conceptual cross section.

The ultimate capacity of dumps will also change accordingly.

## 2.0 Mine drainage

(b) minimum and maximum depth of working will change at the end of life of mine after the proposed exploration.

PMCP: - The proposal of parapet wall and garland drain should be proposed suitably.

Table I & II : The production proposal for the year 2017-18 may be indicated with 18.10.2017 to 31.03.2018.

The area already reclaimed and rehabilitated can be excluded for the purpose of the financial assurance calculation.

Plates:-

Plate -5- The proposed exploration site is to be marked.

The ultimate pit limit should be change in all related plan and sections.

Production and development Mine Cross-section which is enclosed at plate-12 colour code should be different for different years.

Waste dumping in dump no-3 should not be made and all relevant plan should be changed.

Plate no-4- boundary of different lease should be drawn in bold line with distinct colour for different leases.

Plate-6-all Section must be checked for UNFC code for reserve in geological plan.

Plate-7-11 In all plans the bore hole location should be marked.

Plate-13 – Financial assurance plan will change accordingly.

Plate-15-the conceptual plan will change as per the ultimate pit limit and redesigning of dump.

Plate-17- the water course from dump is to be shown and the garland drains/parapet wall also to be shown as from the plan it is presumed that the dump washout will go out of lease area without any treatment also mention in the text the length of garland drain/parapet wall proposed.

