

Scrutiny Comments on Review of Mining Plan with PMCP for Periyangalur Limestone Mine over 36.29.5 hectares in Periyangalur - Village, Ariyalur-Taluk and Ariyalur-District, Tamil Nadu State of M/s. The Ramco Cements Ltd. Mine code-38TMN24039(Date of Inspection-19/09/2017)

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**1. The Rule for ROMP will be RULE17(1) of MCR-2016 instead of RULE 17(2)- it should be changed accordingly wherever required.**

2. Certified copies of educational qualifications and experience of qualified person may be enclosed.
3. Document has been prepared by 2 qualified persons. Only one qualified person needs to be prepared /submitted.

**1. Location and accessibility :-**

The lease period of expiry is mentioned wrongly. It may be corrected.

**Part -A**

**2. Geology and Exploration**

**LOCAL GEOLOGY**

- 1) The mobile number of Prospecting /Exploration Agency is to be given.
- 2)The reserve and resources (111 & 211) are not matching with the earlier Approved document and excavation already made because of dumping in north side not shown properly(also change in the relevant plates) accordingly re-estimate the reserve and resources by properly drawing the UPL.
- 3) No- backfilling should be made without removing the proved reserve in northern side.

**3. Mining-**

- 1)The cost of mining is to be given.
- 2) Ripper-Dozer should be included in the machinery list with details.
- 3) Why the backfilling proposed is upto 66m RL whereas the same OB can be used to backfill north side of the lease after removing whatever category (111) reserve where no water harvesting is possible.

**4. PMCP-**

- 1) Para : 8.3.5-1)All "nil" table is not acceptable as protective parapet wall/ Garland Drain should be proposed in the table and in environment management plan the same should be marked. conceptual plan also should be changed accordingly.
- 2) Proposal for reclamation and rehabilitation of backfilled area with afforestation should be given with massive plantation activities after putting the topsoil.
- 3) The locked-up benches should be spread with some topsoil over it and adequate plantation should be proposed.
- 4) proposal of garland drains and parapet wall should be given for all dumps.  
(all the above proposal should be given in all relevant plates and conceptual plan.)

**5. Plates:-** (In all plates the indicated bore-hole are PNR whereas the bore-hole logs are submitted with PNR A- it should be changed.)

Lease plan and surface plan should be signed with date by surveyor and all other plans should be signed by mines manager person with date.

- 1) all cross-section should be corrected after proper reserve/resource calculation.(plate-6 to plate 10A) and all other relevant plates.
- 2) The proposal of garland drain and parapet wall all along the dump in the extreme south should be made and diverted to mining pit settling area through west as the topography shows higher ground in east side of the pit will not allow the mines water to be discharged without settling.- change in all plates wherever necessary.
- 3) In environment management plan the proposed garland drain and parapet wall should be shown in different colours.

**Annexures:-**

- 1)photographs of erected boundary pillars should be enclosed.

