

**INDIAN BUREAU OF MINES
MINES CONTROLLER AND CONSERVATION OF MINERALS DIVISION
BANGALORE REGIONAL OFFICE
(INSPECTION OF CLOSED MINES)**

File No. :KRL/QLN/CC-13/BNG

Mine Code

Name and designation of the Inspecting Officer : V. D. Jalnapurkar,SMG

Date of inspection : 22.12.2013

Name and designation of the mine officials Accompanying the inspecting Officer : Sri. Manoj Pillai, Mines Manager.

Date of previous two inspections ; 15.12.2006 & 05.11.2012.

PART - I

1. Name of the mine : Pallimon China Clay Mine

2. Minerals worked : China Clay

3. Name and address of lessee :M/s. Wollkem Industries Ltd.,

4. Name, address, qualifications and date of appointment

a) Mining Engineer : None

b) Manager :None

C) Geologist : :None

5. Location of the mine

i) Village : Pallimon

ii) Police Station : Chathanoor

iii) Post Office :Velichikkala

iv) Tehsil : Kollam

v) District : Kollam

vi) State : Kerala

vii) Dak Bungalow and reserving Authority : Executive Eng. PWD, Kollam

viii) Toposheet No. : 58 D-9 (Restricted topo Sheet)

6. Approach and accessibility

a) By Road :National High Way No. 47 is at a distance of 4 kms from Mining lease running from
Kollam to Thiruvananthapuram

b) Nearest Railway Station : Kollam

7 Particulars of the lease :

i) Lease No. & date : GO(MS) No.142/94/D dated 07.07.1994 & G.O. (MS) No. 164/94/ID
dated 23.07.1994.

ii) No. of blocks with area of each in hect/acres : Single Block of 3.1857 Ha (1.567 + 1.6797)

iii) Mineral/Ore for which lease has been granted; China Clay

iv) Date of commencement of the lease : Not available

v) Period : 20 years

vi) Date of expiry of the lease : 12.01.2016

vii) Special Provisions in the lease, if any : Nil

viii) Weekly day of rest : Sunday.

PART-II

1. Brief description of the mine workings including geology :-

The lithounits are soil cover, laterite, China Clay and residual Sandy Clay. The China Clay is greyish white when wet but it becomes white on drying. There is a single pit alignment of the pit is NW – SE and its dimensions are 16m x 80m x 15m. Pit was in water logged condition.

2. Reason and date of closure

The mining operations have been discontinued since Financial Year 2006 as local villagers raised objections.

3. Last working position of the mine at the time of abandonment and its approachability :

Opencast Manually operated mine with single pit in water logged condition.

4. Assess the potentiality of the mine to the extent possible

224665 M.T under proved category.

5. Indicate the measures to be taken for possible reclamation and the cost of such reclamation considering the ore to overburden ratio.

The party has submitted the final Mine Closure Plan the same has been approved, vide letter No.279/461/95/BNG/FMCP-3356 dated 08.10.2013

6. Machineries, buildings etc., lying in the area

No machinery is deployed moreover earlier existing structures such as clay washing Unit, processing plant etc., are also under demolition.

7. Whether the original ground conditions has been restored, any protection Measures to be taken to preserve the environment

The existing pit would also be reclaimed and rehabilitated and the same is envisaged to be converted into water reservoir for ground water recharge.

8. Performance of the mine owner in the past for recommending renewal etc.,

As mentioned earlier the Clay Washing Unit and processing plant etc., are also under demolition.

9. To make an approximate idea about the sub – grade material and ore, which may be lying around the mine or from the old dump, collect samples, if necessary.

Not applicable as no sub grade mineral was getting generated from the mine.

10. Enclose a copy of up-to-date/latest plan/sections of the mine, if available :

The latest copy of the Surface Plan which is submitted along with Final Mine Closure Plan is enclosed.

(V.D.JALNAPURKAR)
Sr. Mining Geologist.

Place : B'lore

Dated : 17.02.2014