

MCDR INSPECTION REPORT OF TASK FORCE
ON PREVENTION OF ILLEGAL MINING
INDIAN BUREAU OF MINES
MINES CONTROL & CONSERVATION OF MINERALS DIVISION

File No:--KNT/TMK/LST-1/BNG

Mine Code: **38KAR19006**

1	Name of Inspecting Officer with designation	A. Nandi, Dy. Controller of Mines and Prashant S. Hegde, Senior Mining Geologist.
2	Name & designation of State Govt. Officer accompanying during inspection	Shri B. Kotresh, Senior Geologist of Tumkur, State DMG
3	Name & designation of accompanying mine official	S/Shri R.N. Rai, Sr. Vice President, Jitander Kumar Plant head & agent, and P. Satya Sai baba, GM-mines
4	Date of inspection	05/12/2013

PART – I GENERAL INFORMATION

1 (a)	Name of mine	YEREKATTE Limestone Mine (ML.No.2620)
(b)	Category of mine A (Fully mechanized or other than fully mechanized and B	Fully mechanized-A
(c)	Mode of working (OC/UG/Both).	Open-cast
2 (a)	Mining Lease No.	2620
(b)	Lease area in Ha With forest area if any	305.54 Ha (Non-forest)
(c)	Period of lease	20 years
(d)	Date of expiry	23/02/2020
3 (a)	Mineral(s) included in the lease deed	Limestone
(b)	Mineral(s) worked	Limestone
4 (a)	Name of Lessee / Owner	M/s Heidelberg Cement India Ltd.
(b)	Nominated Owner	Shri Sushil Kumar Tiwari
(c)	Agent	Shri Jitander Kumar
(d)	Mining Engineer and Geologists appointed under Rule 42 of MCDR 1988	Shri Narayan Khannur, Mining Engineer and Shri Naseem Ahmed, Geologist (part time)
(e)	Mine's Manager	Shri P. Satya Sai baba
5	Details about Mining Plan/Scheme of mining Scheme with letter no date of approval and validity etc	Scheme of Mining was also approved vide letter No KNT/MS/TMK/LST-162-SZ dated 10/02/2011 for financial period from to 2010-11 to 2014-15

PART – II – TECHNICAL DETAILS

l) Sensitive technical items on conservation of mineral, scientific mining and protection of environment – status of Present Mining Operations vis-à-vis approved proposals of mining plan / Scheme of Mining:----

1) Scientific mining

i) Exploration: It is proposed to drill 30 number of core- boreholes during year 2010-11 with total meterage of 2,500m. However, 13 numbers of boreholes were drilled so far. The same was already pointed on 08/02/2013, but not complied so far.

ii) Workings: During inspection, it was observed that the there is no deviation in site of working and dimension of existing pit is 1200 m X 340 m X 110m. The proper adequate width is not being maintained for safe movement of machinery on the benches and slope stability as proposed (Page no.23).

iii) Production and Development:

Year	Production in tonnes		Development in Cu.m		Remarks
	Proposed	Actual	Proposed	Actual	
2012-13	6,00,088	259,302	2,16,325	174,221	---
2013-14	6,01,200	90,970 (up to Nov-13)	1,92,144	82,325(Up to Nov-13)	---

The deviation in lower production and development were pointed out.

vi) Waste Disposal:- As per the proposals, presently the wastes are being dumped at North-eastern side of existing pit as proposed.

2. Conservation of Mineral: ---- The ROM is being blending properly with low grade as per threshold value and utilized in their cement plant having 0.6 mtpa production capacity. The lessee tries to maintain MgO contents of the input feed to the plant by proper blending and supervision so that in no case the plant receives MgO contents less than 3.9 % as the quality of cement produced is not inferior.

3. Environmental Aspects:-- The details of plantation carried out in the mine are furnished below.

Year	No of saplings proposed	Actual no of saplings planted
2012-13	800	4000
2013-14	800	2000 (up to Nov-13)

The regular dust suppression by sprinkling of water is made in the mine, colony and plant areas. The season-wise environmental monitoring of air, water and noise is being carried out by recognized and approved laboratory and the various parameters are found within the permissible limit. Further, lessee had constructed 700 m long parapet wall at toe of dumps, two check dams, 300 m cement garland drain and 400 m mud garland drain so far.


II) A note on justification in case of suspension of mining operations under rule 13(2) or prohibition of deployment of any person under rule 56 of MCDR, 1988 if recommended:---

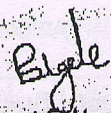
No such recommendation at this juncture. The deviation in exploration, production & development was pointed out to the lessee on 06/12/2013 for compliance.

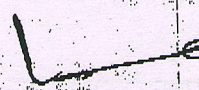
III) Any other matter of significance:--- The violation cum show-cause notice of rules 27(4) and 42(1)(c)(i) already issued on 21/10/2013, yet to be complied.

PART - III PROPOSAL FOR FURTHER ACTION FOR

(a)	Indian Bureau of Mines	NIL
(b)	The State Govt.	NIL
(c)	The Central Govt.	NIL


 B. K. Patil
 Sr. Geophysicist
 TEAM MEMBER
 DMG, Govt. of Karnataka


 (Prashant S. Hegde)
 Senior Mining Geologist &
 TEAM MEMBER, IBM


 (A. Nandi)
 Dy. Controller of Mines &
 TEAM LEADER, IBM

Date: 5/12/13
 Place: Tumkur