INDIAN BUREAU OF MINES
MINES CONTROL AND CONSERVATION OF MINERAL DIVISION

MCDR INSPECTION REPORT

Bangalore regional office

Mine file No : KNT/TMK/LST/2/BNG **Mine code : 38KAR19004**

(i) Name of the Inspecting Officer and ID No. : **J002** ( ) **V.D.JALNAPURKAR**

(ii) Designation : Senior Mining Geologist

(iii) Accompaning mine Official with Designation : Sri Renukaprasad, Managing Director.

(iv) Date of Inspection : 22/09/2013

(v) Prev.inspection date : 28/02/2013

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **LAKMENAHALLI**

(b) Category : B Manual

(c) Type of Working : Opencast

(d) Postal address

State : KARNATAKA

District : TUMKUR

Village : LAKMENAHALLI

Taluka : C.N. HALLI

Post office : LAKMENAHALLI

Pin Code :

FAX No. :

E-mail : Karnatakalimestone@gmail.c

Phone : 08133 - 267881

(e) Police Station : Chikknayakanahalli

(f) First opening date : 30/01/1987

2. Address for correspondance : SRI.T.G.JAYADEVAPPA (M.D),
BEHIND GOVERNMENT JUNIOR COLLEGE,
C.N.HALLI TALUK, TUMKUR.-572214

3. (a) Lease Number : KAR0140

(b) Lease area : 25.09

(c) Period of lease : 20

(d) Date of Expiry : 22/07/2023

4. Mineral worked : LIMESTONE Main
DOLOMITE Associated

5. Name and Address of the

Lessee : KARNATAKA LIMESTONE COMPANY [P] LTD
BEHIND JUNIOR COLLEGE,
C.N.HALLI TALUK, TUMKUR,
TUMKUR KARNATAKA
Phone:08133-27269
FAX :

Owner : KARNATAKA LIMESTONE COMPANY [P] LTD
DO.NO:2095, VINAYAKANAGAR,
1ST MAIN ROAD, TUMKUR
KARNATAKA
Phone: (08133)27269
FAX :

Manager
Name : M.SHIVALINGAPPA
Qualification : FOREMEN
Appointment/ Termination date :

6. Date of approval of Mining Plan/Scheme of Mining : 17/07/2012

PART - II : TECHNICAL DETAILS/COMMENTS

1. Details about Average employment :
Maximum number of persons employed on any day during the year

Employment category	No.of employment	Av. yearly working days
DIRECT		
Managerial	**1**	**280**
Others	**5**	
Workers	**5**	

2. Community Development Plan (in and around the mines) : Proposed action and expenditure towords socio-economic development.

Action during the year	Expenditure in Rs. Lakhs for previous year Proposed	previous year Incurred	current year Proposed	current year Incurred	Remarks
General					
Water supply	0.25	0.20	0.50	0.20	
Health	0.15	0.10	0.25	0.20	
Sub total	**0.40**	**0.30**	**0.75**	**0.40**	
Infrastructure					
Public transport	0.25	0.50	0.25	0.25	
Sub total	**0.25**	**0.50**	**0.30**	**0.25**	
Others	**2.25**	**2.85**	**1.20**	**1.20**	
Employment	**0.25**	**0.50**	**0.20**	**0.20**	
Environment management	**0.25**	**0.50**	**0.20**	**0.20**	
Training	**10.00**	**0.10**	**0.00**	**0.00**	
Total	**13.40**	**5.20**	**2.15**	**2.25**	

3. Status of compliance of MCDR, 1988, including therewith the rectification of the outstanding violation of rules.

During the last inspection no violations were pointed out & no violations were observed & pointed out and violation 13(1) is pointed out during the present inspection.

If the mine ever prosecuted then date of last judgement with
Rules for which rosecution launched

Date of Decision : 12/08/1996 Result : Compounded Details :
Fine imposed/compounding fees collection : 1000 Rules : Rule : 11

Rule 27(4)

Rule 28(1)

If the mine ever prosecuted then date of last judgement with
rules for which prosecution launched

Date of Decision : 12/08/1996 Result : Compounded Details :

Fine imposed/Compounding fees collected: 1000 Rules : Rule 11
Rule 27(4)
Rule 28(1)

4. A note on the justification in case of suspension of mining operation under rule 13(2) or prohibition of deployment of any person under rule 56 of MCDR, 19888, if recommended.

No such recommendation have been made under 56 of MCDR 1988.
Not applicable.

5. Scientific Mining

Items	Proposal	Actual work done	Remarks
A. Exploration (Rule 13)			
a.Type of prospecting and exploration i.e. pitting, drilling	: 10 No. of bore holes	NIL	
b.Total area covered	: Not specefied.	NIL	
B. Working (Rule 13)			
a.Number and size of each pit (LxWxH)	: Not specefied.	Four pits with dimensions 260m x 35m x 10m 40 m x 20m x 3m 140m x 40m x 9m 40m x 20m x 3m	
b.Bench size(LxWxH)length can be defined as regular/irregular	: Regular Bench height 5 to 6 m width 8m	Regular 260 m x 10 m x 3m	
c.Ore to waste ratio pit wise if possible otherwise for mine	: 1:0.25	:.20	
d.Total area covered under excavation/pits	: 1 ha	1.638 Ha	
C. Waste disposal (Rule 13)			
a.Location of dumps	: On south western side of ML	On south western side of ML	
e.Yearly generation of waste quantity.	: 2012-13 4900 tonnes	NIL	
b.Method of dumping whether advancing/retreat	: Advancing	Advancing	
c.Total area covered under waste dump.	: 60m x 55m x 10m .33 Ha	20m x 10m x 6m .02 Ha	
d.No.and size of each waste dump with No of steps/lift/bench	: One dump on south western side with single terrace 60mx 55m x10m	One dump of single terrace with 6m height. 20m x 10m x 6m	
D. Production			
b.Year wise production of last five year.	: 2007-08- 7,000 tonnes(lst), 58750 tonnes(dol) 2008-09- 7,500 tonnes(lst), 42500 tonnes(dol) 2009-10-9,500 tonnes(lst), 41250 tonnes(dol) 2010-11- 11,000 tonnes(lst), 2011-12- 8750 tonnes(lst)	2007-08- Nil(lst) , 9306(dol) 2008-09-180(lst), 6145(dol) 2009-10- 3170 tonnes(dol) 2010-11- 1940 tonnes(dol) 2011-12- 1550t (lst), 4530 (dol)	

D. Reserve

a.Reserve position as per latest MP/MS and at the time of inspection. :	Proved (111) of UNFC - 51,97,950 tonnes (dolomite)	Proved (111) of UNFC - 51,97,950 tonnes (dolomite)
	32,400 tonnes (lst)	32,400 tonnes (lst)

RESERVE POSITION AS ON 01/04/2013

DOLOMITE

Category	Quantity in Tonnes	Grade
Proved		
Probable		
Possible		
Total	0	

PRODUCTION FOR THE PREVIOUS YEAR 2012 - 2013

Mineral	Production	Unit
DOLOMITE	0	TON

6. Conservation of Mineral - both quantitative and qualitative

Beneficiation (Rule 20 and 26)

Efforts for improving low grade and sub grade mineral.	:	No beneficiation work is under taken except sizing.
Efforts for improving percentage of recovery of ore.	:	N.A

Minearl Rule 15

Percentage of recovery of ore pitwise w.r.t. ROM and total material	:	80% in respect of Limestone and Dolomite Recovery of Dolomite is 60% R3ecovery of Limestone with respect to ROM and total material is 17%
Number of benches in ore and waste.	:	No OB bench, five mineral benches.

Sub/grd mineral/fines (Rule16)

Qty of yearly generation and total qty available during inspection with grade	:	No beneficiation work is under taken except sizing.
Number and size of each stack	:	N.A
Location of stacking.	:	N.A.
Separate stacking from waste	:	No sub grade ore is generated.
Total area covered for stacking	:	N.A

Exploration data as on 31/03/ 2013

No. of Boreholes	No. of Pits	No. of Trenches
0	0	0

OVERBURDEN HANDLED DURING PREVIOUS YEAR 2012 - 2013

Utilisation of Sub Grade Mineral and Mineral Rejects

Generated	Utilised	Stacked	(In Ton.)

7. Environment Management - both quantitative and qualitativ

A. Land environment

a. Landscape.	:	The ML area located on part of Northern slopes of hill terrain with undulations with rocky exposures.
b. Aesthetic environment	:	Undulatory terrain, not adversely affected by mining.
c. Soil and land use pattern	:	No prominent soil cover, patches of soil on joints and cavaties of limestone.
d. Agriculture	:	No agricultural activities in and around the mining lease area.
e. Forest(flora and fauna)	:	Scanty bushes existing in & around the M.L.
f. Vegetation	:	Around 4000 saplings planted out side the M.L with survival rate of 40%.
h. Public building, places and monuments (protected, historical), placec of worship and places of tourist	:	No Public building, places and monuments, places of worship and places of tourist interest around the mining lease.

B Water environment.

a. Surface water	:	No water around the M.L.
b. Ground water	:	General ground water level is about 60m deep from the surface.
c. Quality of water	:	Potable.

C. Air environment

a. Noise	:	No noticeable noise pollution in the lease area as mining operations are manual.
b. Air	:	No noticeable air pollution in the lease area as mining operations are manual.
c. Climatic condition	:	Dry cliamate

D. Socio economic environment

a. Social and demographic profile.	:	No habitants within the ML area.
b. Recommending health and safety.	:	N.A
c. Human settlement	:	No habitants with in the ML area.
d. Recreational facility.	:	.N.A

7.1 Comments on the steps taken by the lessee towards maintaining environment and monitoring of environmental parameters to ensure the qualitative improvement in the environment and ecology.

Water Management

Season	Station type	Station name	Parameter	Value	
				Actual	Excess

Air data for excess parameters

Season	Station name	Type of area	Parameter	Value	
				Actual	Excess

PLANTATION DURING THE PREVIOUS YEAR 2012 - 2013

Area in Hect.

TOP SOIL MANAGEMENT

Quantity as on 31/03/2013

8. Scrutiny of annual returns on cost of production, reserve, production, pit mouth value, stock, land use pattern and fixed assets.

The mine was not continusely under operation for the last 5 years . The AR submitted by the party fot the year 2012-13 has been scrutinised & following observations were made.
Production - Dolomite -NILs, limestone - NIL.This is checked during the inspection & found in order.
PMV is not furnished.
Reserves - Proved (111) depleted -Dolomite 51,97,950 tonnes (dolo), 78,26,000 tonnes(limestone). 32.400 tonnes
Closing stock- Nil.
Landuse pattern & fixed assests not furnished.

PART - III : PERFORMANCE OF MINE OWNER
(In case of lease expiring within 2 years - as per guidelines)

a. Compliance of terms and conditions of lease deed.

Not applicable.
The 20 years validity of lease period will be expiring on 22/07/2023.

b. Compliance of the provisions of MCDR, 88 and advise given.

Not applicable.

c. Conduct with regard to adoption of safety measures and forest wealth, ecology and environment in the mining lease area.

Not applicable.

d. Whether the mine owner has carried out exploration and exploitation on the basis on surface mapping, pitting, trenching and core drilling taking in to consideration the mode of occurrences of mineral deposit.

Not applicable.

e. Whether production from mining area is commensurate with the reserves and the long term progress of utilization of mineral.

Not applicable.

f. Whether adequate investment has been made by the lessee on the development of mine on mining machinery, operational and administrative building, residential accommodation for the employees.

Not applicable.

g. Measures taken by the lessee for protection of environment and ecology.

Not applicable.

h. In case leases where the mineralisation tends to exhaust within the present period, the status of closing operation in phases and the special issues including human issues to be addressed at the time of closing of mine.

Not applicable.

PART - IV : PROPOSALS FOR FURTHER ACTION FOR :

Indian Bureau of Mines (any issue related to CGPB, SGPB, Assistance, Consultancy, Annual Programme and studies, etc.)

NIL

State Government (Illegal mining, mining dispute, infrastructure, Mineral based industry, Mineral policy, etc.)

NIL

The Central Government (Infrastructure, Development, Mineral policy and Legislation, Mineral based industry, etc.)

NIL

Date :

(**V.D.JALNAPURKAR**)

Indian Bureau of Mines