

**INDIAN BUREAU OF MINES
MINES CONTROL AND CONSERVATION OF MINERAL DIVISION**

MCDR INSPECTION REPORT

Goa regional office

Mine file No : KNT/BJP/LST-37/GOA

Mine code : 38KAR26015

- (i) Name of the Inspecting : **K03**) **G. S. KANNAN**
Officer and ID No.
- (ii) Designation : Junior Mining Geologist
- (iii) Accompanying mine : Shri.MM.VIRAKTAMATH, Mine Owner
Official with
Designation
- (iv) Date of Inspection : 03/01/2015
- (v) Prev.inspection date : 19/11/2013

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **KANASAGERI (ML 2271)**
- (b) Category : B Manual
- (c) Type of Working : Opencast
- (d) Postal address
- State : KARNATAKA
- District : BAGALKOT
- Village : KANASAGERI
- Taluka : MUDHOL
- Post office : LOKAPUR
- Pin Code : 587122
- FAX No. :
- E-mail :
- Phone : 08350-240064
- (e) Police Station :
- (f) First opening date : 12/03/1992
2. Address for correspondence : At and Po - Kanasageri
Tq- Mudhol
Dist- Bagalkot-587122
3. (a) Lease Number : KAR1070
- (b) Lease area : 7.69
- (c) Period of lease : 20
- (d) Date of Expiry : 06/03/2012
4. Mineral worked : DOLOMITE Associated
LIMESTONE Main

5. Name and Address of the

Lessee : M.M.VIRAKTHMATH
M.M.VIRAKTHMATH
P.O.:LOKAPUR
TQ:MUDHOL,DIST:BAGALKOT
BAGALKOT KARNATAKA
Phone:40064
FAX : NIL

Owner : M.M.VIRAKTHMATH
P.O.LOKAPUR TQ:MUDHOL,
DIST:BAGALKOT. BAGALKOT
KARNATAKA
Phone: 08350-240064
FAX : NIL

Mining Engineer

Name : M.L. INDIKAR,Full Time
Qualification : SSLC with Foreman Certificate.
Appointment/ : 08/06/2000 02/03/2002
Termination date

Manager

Name : H.B. BALIKAI
Qualification : SSC with Mine foreman certificate
Appointment/ : 01/11/2002
Termination date

6. Date of approval of Mining : 26/12/2011
Plan/Scheme of Mining

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	300
Supervisory	1	300
CONTRACT		
Workers	2	300

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

Action during the year	Expenditure in Rs. Lakhs for				Remarks
	previous year		current year		
	Proposed	Incurred	Proposed	Incurred	
General					
Health	0.00	0.00	0.00	0.00	
Safety	0.00	0.00	0.00	0.00	
Medical facility	0.00	0.00	0.00	0.00	
Sanitation	0.00	0.00	0.00	0.00	
Housing	0.00	0.00	0.00	0.00	
Water supply	0.00	0.00	0.00	0.00	
Sub total	0.00	0.00	0.00	0.00	
Infrastructure					
Roads	0.00	0.00	0.00	0.00	
Electricity	0.00	0.00	0.00	0.00	
Public transport	0.00	0.00	0.00	0.00	
Communication	0.00	0.00	0.00	0.00	
Sub total	0.00	0.00	0.00	0.00	
Employment	0.00	0.00	0.00	0.00	
Training	0.00	0.00	0.00	0.00	
Recreation	0.00	0.00	0.00	0.00	
Environment management	0.00	0.00	0.00	0.00	
Sports activities	0.00	0.00	0.00	0.00	
Others	0.00	0.00	0.00	0.00	
Total	0.00	0.00	0.00	0.00	

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

During Last MCDR inpection, violation under Rule 12(3) has been pointout. Based on the recent inpection the following violation has been pointout under rule 12(3),13(1),23(B)(3),23(F)(3) & 45(5)(b).

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.

Suitable follow up action will be initiated under rule 13(2), if compliance of rule 13(1) is not found satisfactory within stipulated period.

5. Scientific Mining

Items	Proposal	Actual work done	Remarks
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A. Exploration (Rule 13)

a.Type of prospecting and exploration i.e. pitting, drilling	: 2 Boreholes proposed during 2011-2012	Nil	Violation 13(1) has been issued
b.Total area covered	: 3.00 Hect	Nil	

B. Working (Rule 13)

a.Number and size of each pit (LxWxH)	: Pit-1:- 150m * 100m * 8m Pit-2:- 120m * 100m * 8m	Pit-1 :- 350-380m * 100-120m * 8-10m	Both Pit has been merge
b.Bench size(LxWxH)length can be defined as regular/irregular	: Regular	Regular	
c.Ore to waste ratio pit wise if possible otherwise for mine	: Nil	Nil	
d.Total area covered under excavation/pits	: 5.274 Hectares	6.00 Hectares	

C. Waste disposal (Rule 13)

a.Location of dumps	: Waste generation is negligible and is utilized for road working	Used for bunds and road	
e.Yearly generation of waste quantity.	: 8000 tons for 2011-2012	1000 tons for 2011-2012	
b.Method of dumping whether advancing/retreat	: Not applicable	Nil	
c.Total area covered under waste dump.	: Not applicable	Nil	
d.No.and size of each waste dump with No of steps/lift/bench	: Not applicable	Nil	

D. Production

b.Year wise production of last five year.	: Limestone/ Dolomite 2009-2010 =5000 / 10000 2010-2011 = 5000 / 10000 2011-2012 = 10000 / 38000 2012-2013 = Nil 2013-2014 = Nil	Limestone/ Dolomite 2009-2010 =5696 / 22450 2010-2011 = 2556 / 420 2011-2012 = 1140 / 744 2012-2013 = Nil 2013-2014 = Nil	Mining Scheme is Valid upto 31.03.2011 only.
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D. Reserve

a.Reserve position as per latest MP/MS and at the time of inspection.	: As per approved Mining Scheme on 2011 Limestone:-	Limestone:- Proved = 207000 Tons Probable = 50000 Tons	
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Proved = 197000 Tons
 Probable = 50000 Tons
 Dolomite:-
 Proved = 295000 Tons
 Probable = 45000 Tons

Dolomite:-
 Proved = 257000 Tons
 Probable = 45000 Tons

RESERVE POSITION AS ON 01/04/2014

DOLOMITE		
Category	Quantity in Tonnes	Grade
Proved	295000	CaO=31.56%
Probable	45000	CaO=31.56%
Possible		
Total	340000	CaO=31.56%

LIMESTONE		
Category	Quantity in Tonnes	Grade
Proved	207000	CaO=50.54%
Probable	50000	CaO=50.54%
Possible		
Total	257000	CaO=50.54%

PRODUCTION FOR THE PREVIOUS YEAR 2013 - 2014

Mineral	Production	Unit
LIMESTONE	0	TON
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. : Nil

Efforts for improving percentage of recovery of ore. : Nil

Mineral Rule 15

Percentage of recovery of ore : 95%. But Mine is not working from 2012-2013 pitwise w.r.t. ROM and total material

Number of benches in ore and waste. : Single bench in Waste & two bench in ore

Sub/grd mineral/fines (Rule16)

Qty of yearly generation and total qty available during inspection with grade : No Subgrade Mineral is being generated

Number and size of each stack : No Subgrade Mineral is being generated

Location of stacking. : No Subgrade Mineral is being generated

Separate stacking from waste : No Subgrade Mineral is being generated

Total area covered for stacking : No Subgrade Mineral is being generated

Exploration data as on 31/03/ 2014

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

OVERBURDEN HANDLED DURING PREVIOUS YEAR 2013 - 2014

Overburden/waste removed (in m3) :	0
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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. : Plain Terrain with Rocky Exposure
- b. Aesthetic environment : Degraded mining land
- c. Soil and land use pattern : Thin layer of black cotton soil with 0.5 to 1m thickness
- Landuse Pattern:-
Area under Mining = 6.00 hect
Mineral Storage = 0.360 hect
Infrastructure = 0.041 hect
Roads = 0.240 hect
Green Belt = 0.05
- d. Agriculture : Jawar, Sugarcane
- e. Forest(flora and fauna) : Non Forest land
- f. Vegetation : Scanty vegetation, bushes, neem are observed in lease area
- h. Public building, places and monuments (protected, historical), placec of worship and places of tourist : None

B Water environment.

- a. Surface water : No Surface water with in the Lease area, seasonal nalla is running outside the lease area near to eastern side.
- b. Ground water : No seepage of ground water observed.
- c. Quality of water : Nothing adverse is reported.

C. Air environment

- a. Noise : No survey has been done, nothing adverse is reported
- b. Air : No survey has been done, nothing adverse is reported
- c. Climatic condition : No survey has been done, nothing adverse is reported

D. Socio economic environment

- a. Social and demographic profile. : The population of rural background exists in nearby villages/ area with main occupation of agriculture and mining
- b. Recommending health and safety. : Hospitals/Clinics are existing at Lokapur at 15km away from ML
- c. Human settlement : No village is situated within area.
- d. Recreational facility. : Available at Lokapur HQ

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.

Season	Station type	Station name	<u>Water Management</u>	
			Parameter	Value Actual Excess

Air data for excess parameters

Season	Station name	Type of area	Parameter	Value	
				Actual	Excess

PLANTATION DURING THE PREVIOUS YEAR 2013 - 2014

Area in Hect.

TOP SOIL MANAGEMENT

Quantity as on 31/03/2014

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

The Mine is not in operation after Lease is expiry on 06.03.2012. The Lessee has not submitted the Annual returns for the Year 2013-2014.

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.

Mining Lease No :- 2271
Lease Area:- 7.69 Hectares
Lease Period:- 20 Years
Dt of Grant:- 25.05.2000
Co-terminies with original lease No-2143 expiry on 06.03.2012
Applied for renewal
Name of Lessee:-Shri.M.M.Virakthamath
Name of Mine:- Kanasageri Limestone & Dolomite Mine
Location:- Kanasageri Village, Mudhol Taluk, Bagalkot District, Karnataka

PART - IV : PROPOSALS FOR FURTHER ACTION FOR :

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

Approved Mining Scheme is valid upto 06.03.2012.
Lease is expiry on 06.03.2012.
Applied for Renewal, Mining Plan is not submitted for the year 2012-2013 to 2016-2017

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 :

(G. S. KANNAN)

Indian Bureau of Mines