

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

MCDR INSPECTION REPORT

Goa regional office

Mine file No : KNT/BJP/LST-41/GOA

Mine code : 38KAR05023

- (i) Name of the Inspecting : **K03**) **G. S. KANNAN**
Officer and ID No.
- (ii) Designation : Junior Mining Geologist
- (iii) Accompanying mine : Shri.S.M.Hiremath, Owner Rep
Official with
Designation
- (iv) Date of Inspection : 02/06/2014
- (v) Prev.inspection date : 24/01/2010

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **HEBBAL (2195)**
- (b) Category : B Manual
- (c) Type of Working : Opencast
- (d) Postal address
- State : KARNATAKA
- District : BAGALKOT
- Village : HEBBAL
- Taluka : MUDHOL
- Post office : LOKAPUR
- Pin Code :
- FAX No. :
- E-mail :
- Phone : (08354) 40037
- (e) Police Station :
- (f) First opening date : 26/01/1996
2. Address for : PO.:Lokapur,
correspondance Tq.: Mudhol
Distt.: Bagalkot-587122
3. (a) Lease Number : KAR0982
- (b) Lease area : 70.82
- (c) Period of lease : 20
- (d) Date of Expiry : 26/04/2015
4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : S.M.Modi
 PO.:Lokapur, Tq. Mudhol,
 Distt. Bagalkot BAGALKOT
 KARNATAKA
 Phone:(08354) 40037
 FAX :

Owner : S.M.Modi
 PO.Lokapur, Tq. Mudhol
 Dist.:Bagalkot BAGALKOT
 KARNATAKA
 Phone: 08354 40037
 FAX :

Agent : S.M.Modi
 PO. Lokapur, Tq. Mudhol
 Distt.:Bagalkot BAGALKOT
 KARNATAKA
 Phone: (08354) 40037
 FAX :

Manager Name : MUNEER AHMED Qualification : Foreman Certificate Holder Appointment/ Termination date : 05/08/2006

Manager Name : G.S.Narasimha Murthy Qualification : S.S.L.C. with I st Class Mine Manager ce Appointment/ Termination date : 02/04/2000 18/08/2003
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Manager Name : PRAKASH KALADGI Qualification : DIP MIN. ENGG, FOREMAN CERTIFICATE Appointment/ Termination date : 19/08/2003
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6. Date of approval of Mining : 01/09/2006
 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	0	0
CONTRACT		
Workers	0	0
Supervisory	0	0

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					
Housing	0.00	0.00	0.00	0.00	
Sanitation	0.00	0.00	0.00	0.00	
Health	0.00	0.00	0.00	0.00	
Safety	0.00	0.00	0.00	0.00	
Water supply	0.00	0.00	0.00	0.00	
Medical facility	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	
Communication	0.00	0.00	0.00	0.00	
Public transport	0.00	0.00	0.00	0.00	
Electricity	0.00	0.00	0.00	0.00	
Sub total	0.00	0.00	0.00	0.00	
Recreation	0.00	0.00	0.00	0.00	
Sports activities	0.00	0.00	0.00	0.00	
Training	0.00	0.00	0.00	0.00	
Employment	0.00	0.00	0.00	0.00	
Others	0.00	0.00	0.00	0.00	
Environment management	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.

Date of Previous Inspection was 24.01.2010 and no violation was point out .

Based on recent inspection carried out on 02.06.2014, the following violation has been pointout under rule 12(3),23(F)(3),24(1)AND 45(5)(a)&(b)and issued to the Lessee

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.

Nil

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	: No Proposal	Nil	Mine is not in Operation from 2006-2007
b.Total area covered	: Nil	Nil	

B. Working (Rule 13)

a.Number and size of each pit (LxWxH)	: Pit-1, 2 & 3 Merge:- 310m x 200m x 6m Pit-4:- 150m x 50m x 3m	Pit-1:- 210m x 60m x 4m Pit-2:- 50m x 25m x 3m Pit-3:- 30m x 20m x 2m Pit-4:- 150m x 50m x 3m	There is no movement from MS approval 2006
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	: 1 : 0.12	Nil	Due to no Production there is nil
d.Total area covered under excavation/pits	: 6.403 Hectares	3.244 Hectares	

C. Waste disposal (Rule 13)

a.Location of dumps	: Western edge of Lease boundary	Nil	
e.Yearly generation of waste quantity.	: Last plan period for Lst = 2370 Tons & Dolomite = 265 Tons	Nil	There is nil production, so no waste has occurred
b.Method of dumping whether advancing/retreat	: Advancing	Nil	
c.Total area covered under waste dump.	: 0.700 Hectares	Nil	
d.No.and size of each waste dump with No of steps/lift/bench	: Single	Nil	

D. Production

b.Year wise production of last five year.	: Year Limestone / Dolomite 2009-2010 = 45000 / 5000 Tons 2010-2011 = 45000 / 5000 Tons 2011-2012 = Nil / Nil 2012-2013 = Nil / Nil 2013-2014 = Nil / Nil	Year Limestone / Dolomite 2009-2010 = Nil / Nil 2010-2011 = Nil / Nil 2011-2012 = Nil / Nil 2012-2013 = Nil / Nil 2013-2014 = Nil / Nil	From 2006-2007 the mine is not in operation and from 2011-2012 there is no approved Mining Scheme
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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 for 2006 Limestone / Dolomite:- Proved (111) = 3539828 / 4414596 Tons Probable (122) = 2193194 / 6069037 Tons Possible (333) = 2193194 / 6069037 Tons	As on inspection Limestone / Dolomite:- Proved (111) = 3539828 / 4414596 Tons Probable (122) = 2193194 / 6069037 Tons Possible (333) = 2193194 / 6069037 Tons	There is no change in reserves, due to no mining
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RESERVE POSITION AS ON 01/04/2014

LIMESTONE		
Category	Quantity in Tonnes	Grade
Proved	3539828	Cao= +48%
Probable	2193194	Cao= +48%
Possible	2193194	Cao= +48%
Total	7926216	Cao= +48%

PRODUCTION FOR THE PREVIOUS YEAR 2013 - 2014

Mineral	Production	Unit
LIMESTONE	0	TON

6. Conservation of Mineral - both quantitative and qualitative**Beneficiation (Rule 20 and 26)**

Efforts for improving low grade and sub grade mineral. : While working there is crusher for improving lowgrade, but no it is not in work

Efforts for improving percentage of recovery of ore. : Nil

Mineral Rule 15

Percentage of recovery of ore pitwise w.r.t. ROM and total material : Nil from 2006-2007

Number of benches in ore and waste. : One Bench in Ore & Waste

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**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 area is plain undulated terrain & studen slope to nalla with rocky exposures
- b. Aesthetic environment : Degraded mining land
- c. Soil and land use pattern : Thin layer of black cotton soil
- Landuse pattern:-
Area under Mining = 3.244 Hectares
OB/ Dump = 0.700 Hectares
Mineral Storage = 0.540 Hectares
Office = 0.100 Hectaers
Road = 0.492 Hectaers
Unused area = 65.744 Hectares
- d. Agriculture : No agricultural activity abserved in & around lease area
- e. Forest(flora and fauna) : Non Forest land
- f. Vegetation : Scanty vegetation, bushes, Shrubs are observed in lease area

B Water environment.

- a. Surface water : One season nalla is passing all along the Lease boundary from North to Western Side
- b. Ground water : No Seepage of Ground water observed in the working
- 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 : There are 4 Villages existing with in 5km radius from ML
- 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.

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

<u>Air data for excess parameters</u>					
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 Lessee has not submitted the Monthly & Annual returns from 2010-2011

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 = 2195
 Lease area = 70.82 Hectares
 Period of Lease = 20 Years
 Date of Grant = 27.04.1995
 Date of Expiry = 26.04.2015
 Name of Lessee = Shri.Subhaschandra Mahantappa Modi
 Name of Mine = Hebbal Limestone Mines
 Location = Hebbal Village, Mudhol Taluk, Bagalkot District, Karnataka

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

Delay in getting Consent from KSPCB, the mining was stopped from 2006-2007, the Mining Scheme is valid upto 31.03.2011. After that no Mining scheme has been submitted. on 02.04.2014 renewal application has been submitted to State DMG, Bangalore. Hence it advise to submit the Mining Scheme immediatly.

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

Lessee has mined out the nearby nalla passing on the edge of lease boundary

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.

Lessee has not carried out any exploration like mapping, pitting, trenching, coredrilling.

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

There is no production from last 2006-2007

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.

One office, rest room, crusher, crusher machinery has been instal. from 2006-2007 they are not in use.

PART - IV : PROPOSALS FOR FURTHER ACTION FOR :

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

Mining Lease is valid upto 26.04.2015 & Mining scheme is valid upto 31.03.2011 only. Now thay applied for renewal next 20 years. since the lessee has not been submitted Mining Scheme for 2011-2012 to 26.04.2015 lease period.

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

Boundary of lease pillars has not been made as per statute. Action may be taken for the above issues.

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

Nil

Date :

(G. S. KANNAN)

Indian Bureau of Mines