

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

**MCDR INSPECTION REPORT**

**Goa regional office**

**Mine file No :** KNT/BJP/LST-56/GOA

**Mine code :** 38KAR26023

- (i) Name of the Inspecting : **G001** ) **GUMNA RAM**  
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine : Shri Girish Ballari, Mines Manager  
Official with  
Designation
- (iv) Date of Inspection : 20/01/2015
- (v) Prev.inspection date : 04/03/2014

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **NAGANPUR (2357)**
- (b) Category : B Manual
- (c) Type of Working : Opencast
- (d) Postal address  
State : KARNATAKA  
District : BAGALKOT  
Village : NAGANPUR  
Taluka : MUDHOL  
Post office :  
Pin Code :  
FAX No. : 08350-240563  
E-mail : rkt.rkm60@gmail.com  
Phone : 08350-240563
- (e) Police Station : Lokapur
- (f) First opening date : 03/07/2002
2. Address for : Naganapur Limestone mine of Shri R.K. Mathad  
correspondance : At-Lokapur---587122  
Tq-Mudhol, Dist-- Bagalkot
3. (a) Lease Number : KAR1450  
(b) Lease area : 2.43  
(c) Period of lease : 20  
(d) Date of Expiry : 02/07/2022
4. Mineral worked : LIMESTONE Main

## 5. Name and Address of the

Lessee : R.k.Mathad  
 The Crescent Enterprises  
 PO>:Lokapur,Tq.:Mudhol  
 Distt.:Bagalkot. BAGALKOT  
 KARNATAKA  
 Phone:(08354) 40038  
 FAX :

Owner : R.K.Mathad  
 The Crescent Enterprises  
 PO.:Lokapur,Tq.:Mudhol,  
 Distt.:Bagalkot BAGALKOT  
 KARNATAKA  
 Phone: (08350) 240038  
 FAX :

6. Date of approval of Mining : 10/09/2012  
 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**

<b>Employment category</b>	<b>No.of employment</b>	<b>Av. yearly working days</b>
<b>DIRECT</b>		
<b>Managerial</b>	<b>1</b>	
<b>Plant</b>	<b>2</b>	
<b>Workers</b>	<b>17</b>	
<b>Supervisory</b>	<b>2</b>	

**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	
<b>General</b>					
Housing	0.10	0.10	0.00	0.00	
Water supply	0.00	0.00	0.00	0.00	
Sanitation	0.00	0.00	0.00	0.00	
Medical facility	0.00	0.00	0.00	0.00	
Safety	0.00	0.00	0.00	0.00	
Health	0.00	0.00	0.00	0.00	
<b>Sub total</b>	<b>0.10</b>	<b>0.10</b>	<b>0.00</b>	<b>0.00</b>	
<b>Infrastructure</b>					
Public transport	0.25	0.00	0.20	0.00	
Roads	0.00	0.00	0.00	0.00	
Communication	0.00	0.00	0.00	0.00	
Electricity	0.00	0.00	0.00	0.00	
<b>Sub total</b>	<b>0.25</b>	<b>0.00</b>	<b>0.10</b>	<b>0.00</b>	
<b>Others</b>	<b>0.20</b>	<b>0.00</b>	<b>0.18</b>	<b>0.00</b>	Temple donation
<b>Sports activities</b>	<b>0.15</b>	<b>0.00</b>	<b>0.15</b>	<b>0.00</b>	
<b>Recreation</b>	<b>0.10</b>	<b>0.00</b>	<b>0.10</b>	<b>0.00</b>	
<b>Employment</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	
<b>Environment management</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	
<b>Training</b>	<b>0.15</b>	<b>0.00</b>	<b>0.15</b>	<b>0.00</b>	
<b>Total</b>	<b>0.95</b>	<b>0.00</b>	<b>0.88</b>	<b>0.00</b>	

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

Date of pre. inspection	Violation of rules	Status
04.03.2014	13(1)&46	complied.
20.01.2015	45(5)(b) &29	Under process.

**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, 1988, if recommended.**

No such recommendation have been made presently.

## 5. Scientific Mining

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

a.Type of prospecting : No proposals in 2 DTH holes upto 20m  
and exploration i.e. the approved depth each were drilled  
pitting, drilling present scheme of during the year 2012.  
mining.

b.Total area covered : NA NA

**B. Working (Rule 13)**

a.Number and size of : It was proposed to Mine workings done  
each pit (LxWxH) work im part of partly as per proposed.  
Pit No.1 &2 and 3. Pit No-1 & 2: 230m(l)  
x65m(w) x6- 7m(h) & Pit  
No-3: 85m(l) x 25m(w) x  
3-5m(h).Total excavated  
area is about 1.70Ha.

b.Bench : Regular Regular  
size(LxWxH)length can  
be defined as  
regular/irregular

c.Ore to waste ratio : 1:0.11 1:0.29  
pit wise if possible  
otherwise for mine

d.Total area covered : - Pit No-1 & 2: 230m(l)  
under excavation/pits x65m(w) x6- 7m(h) & Pit  
No-3: 85m(l) x 25m(w) x  
3-5m(h)  
Total excavated area is  
about 1.70Ha.

**C. Waste disposal (Rule 13)**

a.Location of dumps : Single Single

e.Yearly generation : 5556T 14500T  
of waste quantity.

b.Method of dumping : NA Retreat  
whether  
advancing/retreat

c.Total area covered : 0.5Ha 0.35Ha  
under waste dump.

d.No.and size of each : Single Single  
waste dump with No of  
steps/lift/bench

**D. Production**

b.Year wise : 2010-11=50,000T 2010-11=4815T  
production of last 2011-12=50,000T 2011-12=22365T  
five year. 2012-13=50,000T 2012-13=32019T  
2013-14=50,000T 2013-14=50,000T  
2014-15=50,000T 2014-15=28,000T(Up to

**D. Reserve**

a. Reserve position as :-  
per latest MP/MS and  
at the time of  
inspection.

Mineral reserves &  
resources as per UNFC as  
on 01.4.2014 is as  
below. (111,121,122)-  
8,95,264T &  
9,36,922T (Remaining  
resources).

**RESERVE POSITION AS ON 01/04/2014**

<b>LIMESTONE</b>		
Category	Quantity in Tonnes	Grade
Proved	895264	Grade-53.06 (Cao) & 1.49% (Mgo)
Probable	504530	
Possible	432392	
Total	1832186	

**PRODUCTION FOR THE PREVIOUS YEAR 2013 - 2014**

Mineral	Production	Unit
LIMESTONE	50000	TON

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

Efforts for improving low grade and sub grade mineral. : No subgrade mineral is being generated presently and utilising the maximum material by proper blending with high grade as per buyers requirement.

Efforts for improving percentage of recovery of ore. : No subgrade mineral is being generated presently and manual picking of associated waste & mineral and utilising.

**Mineral Rule 15**

Percentage of recovery of ore pitwise w.r.t. ROM and total material : About 90%

Number of benches in ore and waste. : Three benches are in ore & waste is found in the form of intercalated shale and clay.

**Sub/grd mineral/fines (Rule16)**

Qty of yearly generation and total qty available during inspection with grade : No subgrade mineral is being generated presently.

Number and size of each stack : NA

Location of stacking. : No subgrade mineral is being generated presently.

Separate stacking from waste : No subgrade mineral is being generated presently.

Total area covered for stacking : NA

**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) : 5800

**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. : Undulating plain terrain with rocky exposures.
- b. Aesthetic environment : Land is degraded by mining pits.
- c. Soil and land use pattern : Topsoil is available intermitently & utilising for the plantation purposes.
- d. Agriculture : Sugarcane is the major crop of the area.
- e. Forest(flora and fauna) : No forest land involved.
- f. Vegetation : No vegetation with in the lease area.
- h. Public building, places and monuments (protected, historical), placec of worship and places of tourist : No Public building, places and monuments (protected, historical), placec of worship and places of tourist.

### B Water environment.

- a. Surface water : No surface water body observed in ML area.
- b. Ground water : No seepage of ground water observed in the working pit.
- c. Quality of water : Nothing adverse is reported & No water analysis done.

### C. Air environment

- a. Noise : Nothing adverse is reported & No noise survey done.
- b. Air : Nothing adverse is reported & No air survey done.
- c. Climatic condition : Tropical & semi arid.

### D. Socio economic environment

- a. Social and demographic profile. : Rural status population existing with main occupation of agriculture & animal rearing.
- b. Recommending health and safety. : Hospital / Clinics are existing at mudhol about 20km away.
- c. Human settlement : Rural status population existing with main occupation of agriculture & animal rearing. The surrounding population with in 5km radius in 09 villages is about 16,172.
- d. Recreational facility. : None.

#### 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

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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.**

Lessee has not submitted the annual return within stipulated time in form H8 so far and accordingly violation under rule 45(5)(b) of MCDR, 88 pointed out for rectification.

Production-50,000T

O/B-14500T

Plantation done-100No.along lease boundary.

**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 as ML is expiring on 01.7.2022.

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

The present scheme of mining was approved on 10/9/2012 for the period of 2012-13 to 2016-17.

**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.)**

Dimension of lease boundary pillars are not made reinforced & as per statute therefore action may be initiated accordingly

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

NIL

Date :

(GUMNA RAM)

Indian Bureau of Mines