

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

MCDR INSPECTION REPORT

Goa regional office

Mine file No : KNT/BJP/LST-67/GOA

Mine code : 38KAR26049

- (i) Name of the Inspecting : **KQ2**) **KALMATA M.K.**
Officer and ID No.
- (ii) Designation : Senior Mining Geologist
- (iii) Accompanying mine : Annaiah Hugar, son of Lessee.
Official with
Designation
- (iv) Date of Inspection : 29/05/2014
- (v) Prev.inspection date : 19/09/2010

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **NAGANPUR (ML2400)**
- (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. : 08350-240158
E-mail : praveenhugar82@gmail.com
Phone : 08350-340087, 9980730797 (M)
- (e) Police Station : Lokapur
- (f) First opening date : 11/06/2003
2. Address for : M/s Shri Annadanesh Mines, Near Jaineswar Math
correspondance Po-Lokapur-587122
Tq-Mudhol, Dist-Bagalkot
3. (a) Lease Number : KAR1358
(b) Lease area : 2.95
(c) Period of lease : 20
(d) Date of Expiry : 22/05/2023
4. Mineral worked : DOLOMITE Associated
LIMESTONE Main

5. Name and Address of the

Lessee : GURUNATH B. HUGAR
 NEAR JAINESWAR MATH P.O.
 LOKAOUR TALUKA-MUDHOL
 BAGALKOT KARNATAKA
 Phone:
 FAX :

Owner : GURUNATH B.HUGAR
 SHRI ANNADANESH MINES NEAR
 JAINESWAR MATH PO-LOKAPUR,
 TQ-MUDHOL BAGALKOT
 KARNATAKA
 Phone: 08350-240087
 FAX :

6. Date of approval of Mining : 08/08/2013
 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	310
Supervisory	0	0
Others	0	0
Ministrial	0	0
Plant	0	0
Workers	5	310

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	
Water supply	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	
Medical facility	0.00	0.00	0.00	0.00	
Sub total	0.00	0.00	0.00	0.00	
Infrastructure					
Electricity	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	
Roads	0.00	0.00	0.00	0.00	
Sub total	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	0.10	0.00	
Sports activities	0.00	0.00	0.00	0.00	
Others	0.00	0.00	0.00	0.00	
Employment	0.00	0.00	3.20	0.00	
Total	0.00	0.00	3.30	0.00	

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

The mine was previously inspected by DCOM on 7.6.13 and V/L cum show cause was given under rule 13(1) of MCDR-88, and same was complied on 23.8.13. In the present inspection V/L is given under rule 13(1),23(E) 2, and 63 of MCDR -88 for compliance.

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.

If lessee fail to comply the violation of rule 13(1) within stipulated time, action to suspend the mining operation under rule 13(2) will be recommended to bring it to logical end.

5. Scientific Mining

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

a.Type of prospecting : It was proposed to No such exploration work
and exploration i.e. drill 7 core holes has been taken so far.
pitting, drilling upto a depth of 50
m each in the year
2013-14.

b.Total area covered : 2.5 ha
No exploration is
carried out in the
present plan period and
6 bore holes were
drilled in the year
2012-13 covering entire
area under G-2 level.

B. Working (Rule 13)

a.Number and size of : 230m(l) x 80m(w) x 240m(l) x 105m(w) x
each pit (LxWxH) 9m(h) 18m(h) (existing pit
dimension is taken)

b.Bench : 230m(l) x 6m(w) x 200m(l) x 6m(h) x 4m(h) Total four
size(LxWxH)length can 3m(h) ,irregular. benches were
be defined as regular/irregular formed in the
lease.

c.Ore to waste ratio : 0.089 1:0.3
pit wise if possible
otherwise for mine

d.Total area covered : 2.64Ha.
under excavation/pits

C. Waste disposal (Rule 13)

a.Location of dumps : Some quantity was Some quantity was dumped
proposed to use as per the proposals and
for restiration of some quantity was dumped
7.5m safety zone out side the lease also.
and reaming was
planned to dump in
the north western
side of the lease
area.

e.Yearly generation : 4444 tons. 2370 tons.
of waste quantity.

b.Method of dumping : Not mentioned. advancing.
whether
advancing/retreat

c.Total area covered : 0.10 ha. Dump no-1(inside the
under waste dump. lease)
0.16 ha.
Dump no-2 (outside the
lease)
0.10 ha.

d.No.and size of each : One dump of ten m waste dump with No of terrace height. steps/lift/bench

Two dumps were made.
Dump no-1 (with in the lease)
40m x 40m x 1m(h)
Dump-2 (outside the lease)
35m(l) x 30m(w) x 2m(h)

D. Production

b.Year wise production of last five year.	: 2009-10 26000 tons 2010-11 26000 tons 2011-12 26000 tons 2012-13 26000 tons 2013-14 49997 tons/ annum.	2009-10 1667 tons 2010-11 2341 tons 2011-12 9137 tons 2012-13 23155 tons 2013-14 7900 tons	Scheme of mining is approved on 8.8.2013.
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D. Reserve

a.Reserve position as per latest MP/MS and at the time of inspection.	: Classification UNFC code Lime stone (in tons) Proved reserves 111 116078 Probable reserves 122 469564 Inferred resources 333 606263	Classification UNFC code Lime stone (in tons) Proved reserves 111 108178 Probable reserves 122 469564 Inferred resources 333 606263	No exploration is carried out in the present plan period and no enhancement in the reserves & production of 2013-14 was depleted fro proved reserves.
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RESERVE POSITION AS ON 01/04/2014**PRODUCTION FOR THE PREVIOUS YEAR 2013 - 2014**

Mineral	Production	Unit
LIMESTONE	7900	TON

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

Efforts for improving low grade and sub grade mineral. : NA.

Efforts for improving percentage of recovery of ore. : NA.

Mineral Rule 15

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

Number of benches in ore and waste. : Four benches in ore and waste will be in the form of intercalated waste.

Sub/grade mineral/fines (Rule 16)

Qty of yearly generation and total qty available during inspection with grade : Nil.

Number and size of each stack : Nil

Location of stacking. : Nil.

Separate stacking from waste : There is no subgrade generation.

Total area covered for stacking : Nil.

Exploration data as on 31/03/ 2014

No. of Boreholes	No. of Pits	No. of Trenches
6	0	0

OVERBURDEN HANDLED DURING PREVIOUS YEAR 2013 - 2014

Overburden/waste removed (in m3) : 2370

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 undulated terrain with rocky exposure.
- b. Aesthetic environment : Entire lease area is degraded by mining.
- c. Soil and land use pattern : Top soil generated was utilized for plantation along the 7.5m safety zone.
- d. Agriculture : Sugarcane , Maize, Jowarare the major crops of the area.
- e. Forest(flora and fauna) : No forest with in the lease.
- f. Vegetation : No vegetation with in the lease area.
- h. Public building, places and monuments (protected, historical), placec of worship and places of tourist : Nil.

B Water environment.

- a. Surface water : No surface water with in the lease area.
- b. Ground water : Ground water is at the depth of 200-250ft.
- c. Quality of water : Ground water is potable.

C. Air environment

- a. Noise : Manual mines.Hence impact is negligible.
- b. Air : Manual mines.Hence impact is negligible.
- c. Climatic condition : The climate is warm and dry throughout the year andrain is scarce. The average rainfall in the region is approximately 350-400mm/annum.

D. Socio economic environment

- a. Social and demographic profile. : Agriculture is the major occupation of the people of the area.Mining and cement industries provides employment in small scale.
- b. Recommending health and safety. : Lokapur primary health center is2.5 km from the lease area.
- c. Human settlement : There is no human settlement with in the lease area.
- d. Recreational facility. : Nil.

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

<u>PLANTATION DURING THE PREVIOUS YEAR</u>	<u>2013 - 2014</u>
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Within lease area			Outside lease area			Area in Hect.
Area	Trees planted	Survival rate	Area	Trees planted	Survival rate	
.12	500	60				

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 annual return submitted for the year 2012-13 was produced for the scrutiny and it was observed that annual return was submitted in H-9, instead of H-8, Land use details are not properly filled, and reserves column was kept blank. The deficiencies observed in the returns is shown to lesse and advised to send revised rannual returns to this office at the earliest.

PART - III : PERFORMANCE OF MINE OWNER

(In case of lease expiring within 2 years - as per guidelines)

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 :

(KALMATA M.K.)

Indian Bureau of Mines