

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

MCDR INSPECTION REPORT

Goa regional office

Mine file No : KNT/BJP/LST-94/GOA

Mine code : 38KAR26074

- (i) Name of the Inspecting : **G001**) **GUMNA RAM**
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine : Shri L.G.Angadi,MM
Official with
Designation
- (iv) Date of Inspection : 19/12/2014
- (v) Prev.inspection date : 11/02/2014

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **NAGANPUR (M.L.NO.2609)**
- (b) Category : A Other Mechanised
- (c) Type of Working : Opencast
- (d) Postal address
- State : KARNATAKA
- District : BAGALKOT
- Village : NAGANAPUR
- Taluka : MUDHOL
- Post office : LOKAPUR
- Pin Code : 587313
- FAX No. : 08350-282963
- E-mail : srishaminerals@gmail.com
- Phone : 9448342963
- (e) Police Station : LOKAPUR
- (f) First opening date : 05/08/2009
2. Address for : AT-NAGANAPUR
correspondance : TQ-MUDHOL
DIST-BAGALKOT, KARNATAKA
3. (a) Lease Number :
- (b) Lease area :
- (c) Period of lease :
- (d) Date of Expiry :
4. Mineral worked : DOLOMITE Associated
LIMESTONE Main

5. Name and Address of the

Lessee : A.B.ANAGAL
 ANAND NAGAR MUDHOL TQ-
 MUDHOL BAGALKOT KARNATAKA
 Phone:09448342963
 FAX :

Owner : A.B.ANAGAL
 ANAND NAGAR MUDHOL
 BAGALKOT KARNATAKA
 Phone:
 FAX :

Geologist

Name : A Vijaykumar,Part Time
 Qualification : MSC Geology
 Appointment/ : 01/11/2014
 Termination date

6. Date of approval of Mining : 31/07/2014
 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	309
Workers	4	309
Supervisory	1	309

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					
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	
Safety	0.00	0.00	0.00	0.00	
Health	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					
Communication	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	
Roads	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	
Recreation	0.00	0.00	0.00	0.00	
Others	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	
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 Violation of rules Compliances

11/02/2014 13(1) Complied.

19/12/2014 13(1), 45(5) (b), 42(1) (c) (i), 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 and exploration i.e. pitting, drilling	: No proposal for exploration for the year 2014-15.	08No of DTH borehole up to 50m depth drilled in the mining lease area.	
b.Total area covered	: Entire lease area is not proposed for exploration.	Partly lease area is explored presently & almost total lease area is covered.	

B. Working (Rule 13)

a.Number and size of each pit (LxWxH)	: It was proposed to work in NW of ML area as earmarked in plate No.6A.	Mine working done as earmarked partly & presently there area two pits in limestone & dolomite and one small pit in dolomite. (145mx125mx11m, 120m23.5mx7.5m, 20mx19mx2 m)	
b.Bench size(LxWxH)length can be defined as regular/irregular	: Regular	Irregular	
c.Ore to waste ratio pit wise if possible otherwise for mine	: 1:0.05	1:0.10	
d.Total area covered under excavation/pits	: It was proposed to work in NW of ML area as earmarked in plate No.6A.	Mine working done as earmarked partly & presently there area two pits in limestone & dolomite and one small pit in dolomite. (145mx125mx11m, 120m23.5mx7.5m, 20mx19mx2 m)	

C. Waste disposal (Rule 13)

a.Location of dumps	: NW of ML area.	NW of ML area.	
e.Yearly generation of waste quantity.	: 5789T	1200T	
b.Method of dumping whether advancing/retreat	: Retreat	Retreat	
c.Total area covered under waste dump.	: 0.0643Ha.	0.050Ha.	
d.No.and size of each waste dump with No of steps/lift/bench	: Single	Single	

D. Production

b. Year wise production of last five year.	: 2010-11=22,222T(L) &5526T(D) 2011-12=22,222T(L) &5526T(D) 2012-13=22,222T(L) &5526T(D) 2013-14=22,222T(L) &5526(D) 2014-15=1,00,000T(L) &10,526T(D)	2010-11=13,730T(L) &0T(D) 2011-12=12,611T(L) &0T(D) 2012-13=14,000T(L) &2000T(D) 2013-14=12,000T(L) &0T(D) 2014-15=T(L) &T(D) up to Nov.2014
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D. Reserve

a. Reserve position as :- per latest MP/MS and at the time of inspection.	Mineral Reserves & remaining resources available as on 01.4.2014 as per UNFC is given below.- 111,121,122-364982T &11,57,025T(Dolomite) &909992T & 2862199T(Limestone).
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RESERVE POSITION AS ON 01/04/2014

DOLOMITE		
Category	Quantity in Tonnes	Grade
Proved	364982	Grade-31.42% & 19.49%
Probable	864256	
Possible	292769	
Total	1522007	
LIMESTONE		
Category	Quantity in Tonnes	Grade
Proved	909992	Grade-Cao-46.66% & Mgo-3.0%
Probable	2095709	
Possible	766490	
Total	3772191	

PRODUCTION FOR THE PREVIOUS YEAR 2013 - 2014

Mineral	Production	Unit
DOLOMITE	0	TON
LIMESTONE	12000	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. Entire mineral is utilising by blending with high grade & selling as per buyers requirement.

Efforts for improving percentage of recovery of ore. : No subgrade mineral is being generated presently. Entire mineral is utilising by blending with high grade & selling as per buyers requirement.

Mineral Rule 15

Percentage of recovery of ore pitwise w.r.t. ROM and total material : About 95%

Number of benches in ore and waste. : 2-3 benches 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 presently. Entire mineral is utilising by blending with high grade & selling as per buyers requirement.

Number and size of each stack : NA

Location of stacking. : NA

Separate stacking from waste : No subgrade mineral is being generated presently. Entire mineral is utilising by blending with high grade & selling as per buyers requirement.

Total area covered for stacking : NA

Exploration data as on 31/03/ 2014

No. of Boreholes	No. of Pits	No. of Trenches
8	0	0

OVERBURDEN HANDLED DURING PREVIOUS YEAR 2013 - 2014

Overburden/waste removed (in m3) : 480

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. : Flat terrain topography with outcrops.
- b. Aesthetic environment : Degraded mining land.
- c. Soil and land use pattern : Thin layer of black cotton soil.
- d. Agriculture : Seasonal crops are Jawar, Sugarcane.
- e. Forest(flora and fauna) : No forest land involved.
- 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 : No Public building, places and monuments (protected, historical), placec of worship and places of tourist

B Water environment.

- a. Surface water : No perennial water courses observed. only seasonal water bodies are present.
- b. Ground water : No seepage of ground water observed.
- c. Quality of water : No survey has been done, 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 : Semi tropical dry climate.

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 : Total 11 number of surrounding villages with in 5Km radius & population is about 28089.(As per 2011 census)
- 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

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 submitted the annual return in form H-9 in old format & thereafter submitted in H8 new format for the year 2013-14 to this office but in (a) Part-VI-production, opening & closing stock and dispatch, Ex Mine price of limestone & dolomite is not matching with the earlier annual return submitted in H9 old format for the same year.

(b) IBM registration details of person /party of Sales & dispatch should be given.

(c)Part-V,Mineral reserves & remaining resources are not updated after considering depletion and accordingly violation pointed out to lessee for rectification.

AR-2013-14 (H-9)

Production-12000T(Limestone) & NIL (Dolomite)

O/s-3509.72T,Dispatch-8480.33,C/s-7029.381

O/s-4000T,Dispatch-0,C/s-4000T

Ex Mine Price-231.77-1Rs/T, Cost of production-163Rs/T

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.

The mining lease was executed WEF 10.7.2009 for 20years & expiry 09.7.2029.

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

The latest scheme of mining was approved on 31/7/2014 for the period of 2014-15 to 2018-19.

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.)

Boundary of lease pillars are not maintained as per statute & location of BP are not fixed as per precise lease sketch map In previous approved mining plan document, the pit no.MP-2 was available out side the ML area but at present approved scheme shown inside ML area & DGPS survey is not done and reported to this office till date. 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