

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

MCDR INSPECTION REPORT

Goa regional office

Mine file No : KNT/BGM/LST-20/GOA

Mine code : 38KAR02026

- (i) Name of the Inspecting : **G001**) **GUMNA RAM**
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine : Shri Gopal Pujari, Mine manager
Official with
Designation
- (iv) Date of Inspection : 18/12/2014
- (v) Prev.inspection date : 08/06/2011

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **KAMAKERI (ML2438)**
- (b) Category : B Manual
- (c) Type of Working : Opencast
- (d) Postal address
State : KARNATAKA
District : BELGAUM
Village : KAMAKEERI
Taluka : RAMDURG
Post office : KAMKERI
Pin Code :
FAX No. : 08350-240171
E-mail : sudhaminerals@gmail.com
Phone : 08350-240171
- (e) Police Station : Lokapur
- (f) First opening date : 08/03/2004
2. Address for : M/s Sudha Minerals
correspondance : At-Kamakeri, Tq- Ramadurg
Dist-Belgaum, Karnataka
3. (a) Lease Number : KAR1385
(b) Lease area : 4.08
(c) Period of lease : 20
(d) Date of Expiry : 16/01/2024
4. Mineral worked : DOLOMITE Associated
LIMESTONE Main

5. Name and Address of the

Lessee : RAMANNA SIDDAPPA PUJARI
 POST - JADAR ARLIKATTI,
 TALUKA - MUDHOL, DISTRICT -
 BAGALKOT BAGALKOT KARNATAKA
 Phone:08350-340407
 FAX :

Owner : RAMANNA S. PUJARI
 M/s Sudha Minerals Mudhol
 Road, At & Po-Lokapur Tq-
 Mudhol, Dist-Bagalkot
 BAGALKOT KARNATAKA
 Phone: 08350-240407 (R
 FAX :

Manager Name : Shri Gopal Pujari Qualification : Mine Mate certificate holder Appointment/ : 25/11/2011 Termination date
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6. Date of approval of Mining : 22/01/2014
 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	5	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					
Health	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	
Housing	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	
Sub total	0.00	0.00	0.00	0.00	
Infrastructure					
Roads	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	
Electricity	0.00	0.00	0.00	0.00	
Sub total	0.00	0.00	0.00	0.00	
Others	0.00	0.00	0.00	0.00	
Training	0.00	0.00	0.00	0.00	
Sports activities	0.00	0.00	0.00	0.00	
Employment	0.00	0.00	0.00	0.00	
Environment management	0.00	0.00	0.00	0.00	
Recreation	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 inspection	Violation pointed out	Compliance reported
08/6/2011	23(E) (2)	Complied
18/12/2014	NIL	NIL

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 : It was proposed to drill 8 number of exploratory borehole up to 60m depth in the present scheme period. 04 number of exploratory borehole done in year 2012-13 & further exploration work will be completed partly as proposed above.
- b.Total area covered : The remaining insitu mining lease area is proposed for exploration in scheme period. presently entire ML area is not yet explored & exploration work is done partly .

B. Working (Rule 13)

- a.Number and size of each pit (LxWxH) : Single pit of limestone & dolomite. Single pit of about 255mx90mx8-9m (3benches)
- 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 : 1:0.05 1:0.37
- d.Total area covered under excavation/pits : It was proposed to work in western side of ML area as earmarked in plate No.6. Mining operations done as earmarked partly due to less production achieved & total excavated area is about 2Ha.

C. Waste disposal (Rule 13)

- a.Location of dumps : NE side of ML. NE side of ML.
- e.Yearly generation of waste quantity. : 3948T 1625T
- b.Method of dumping whether advancing/retreat : Retreat Retreat
- c.Total area covered under waste dump. : 0.044Ha. 0.030Ha
- d.No.and size of each waste dump with No of steps/lift/bench : Single Single

D. Production

- b.Year wise production of last : 2010-11=26,250T(L) & 47,200T(D) 2010-11=2570T(L) & 7262T(D)

five year.	50T(D)	2011-
	2011-	12=6034T(L) & 3740T(D)
	12=26,250T(L) & 47,2	2012-
	50T(D)	13=9179T(L) & 4180T(D)
	2012-	2013-
	13=26,250T(L) & 47,2	14=1950T(L) & 2400T(D)
	50T(D)	2014-
	2013-	15=6700T(L) & 5300T(D) up
	14=26,314T(L) & 52,6	to Nov.2014
	44T(D)	
	2014-	
	15=26,314T(L) & 52,6	
	49T(D)	

D. Reserve

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

Reserves & remaining
resources available as
on 01.4.2014 as per UNFC
is-
L/S-344626T (111,121
&122) & 821976T
DoI.-
310294T(111,121&122) &
856965T

RESERVE POSITION AS ON 01/04/2014

LIMESTONE		
Category	Quantity in Tonnes	Grade
Proved	344626	Reserves & resources as on 01.4.2014<Grade-Cao-53
Probable	152675	
Possible	669301	
Total	1166602	
DOLOMITE		
Category	Quantity in Tonnes	Grade
Proved	310294	Re
Probable	197117	
Possible	659848	
Total	1167259	

PRODUCTION FOR THE PREVIOUS YEAR 2013 - 2014

Mineral	Production	Unit
LIMESTONE	1950	TON
DOLOMITE	2400	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 proper blending & selling as per buyers requirement.

Efforts for improving percentage of recovery of ore. : manual picking of associated intercalated waste & recover the entire mineral up to maximum extent.

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. : Three benches in ore & single bench in waste.

Sub/grade mineral/fines (Rule 16)

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 : No subgrade mineral is being generated presently.

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 : No subgrade mineral is being generated presently.

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) : 650

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. : plane terrain with rocky exposures.
- b. Aesthetic environment : Degraded land by mining pits & associated activities.
- c. Soil and land use pattern : Unbroken up area is covered by 0.5 to 1.0m thick top soil intermitently. The available top soil is utilising for plantation work done near nallah side.
- d. Agriculture : Sugarcane and Maize are major crops in the surrounding area.
- e. Forest(flora and fauna) : There is no forest land involved.
- f. Vegetation : There is no vegetation & agriculture work 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 : There is no surface water body exist in ML area.
- b. Ground water : No seepage of ground water observed & nothing adverse is reported.
- c. Quality of water : Ground water is potable.

C. Air environment

- a. Noise : Nothing adverse is reported since mine working is small scale.
- b. Air : Nothing adverse is reported.
- c. Climatic condition : The climate is warm and dry throughout the year and rain is scarce. The average rainfall in the region isapproximately 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. : Primary Health Center is there is Lokapur village. Which is 10 km from the lease area.
- c. Human settlement : There are 08 villages existed with in 5km radius & population is about 13421.
- 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.

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.

Lessee has submitted the annual return in form H-8 for the year 2013-14 to this office & presently no significant deficiencies observed.

Production-1950T(Limestone) & 2400T(Dolomite).

Limestone-Opening stock-1993.87T,Dispatch-2476.61T,Closing stock-1067.26T

Dolomite-Opening stock-2635.81T,Dispatch-3116.69T,Closing stock-1919.12T

Ex Mine price-300Rs./T, Cost of production-223.0Rs/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 17.1.2004 for 20years & expiry 16.1.2024.

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

The latest scheme of mining was approved on 22/1/2014 for the period of 2013-14 to 2017-18.

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 :

(GUMNA RAM)

Indian Bureau of Mines