

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

**MCDR INSPECTION REPORT**

**Goa regional office**

**Mine file No :** KNT/BJP/LST-83/GOA

**Mine code :** 38KAR26067

- (i) Name of the Inspecting : **K03** ) **G. S. KANNAN**  
Officer and ID No.
- (ii) Designation : Junior Mining Geologist
- (iii) Accompanying mine : Shri.B.A.Mugawar (Mines Mate)  
Official with  
Designation
- (iv) Date of Inspection : 26/04/2014
- (v) Prev.inspection date : 22/09/2010

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **MUDDAPUR (ML. NO. 2513)**
- (b) Category : B Manual
- (c) Type of Working : Opencast
- (d) Postal address
- State : KARNATAKA
- District : BAGALKOT
- Village : MUDDAPUR
- Taluka : MUDHOL
- Post office : MUDDAPUR
- Pin Code :
- FAX No. :
- E-mail :
- Phone :
- (e) Police Station : LOKAPUR
- (f) First opening date : 23/05/2007
2. Address for : M/s HANUMAN MINERALS  
correspondance AT-MUDDAPUR  
TQ-MUDHOL, DIST-BAGALKOT, KARNATAKA
3. (a) Lease Number : KAR1532
- (b) Lease area : 4.14
- (c) Period of lease : 20
- (d) Date of Expiry : 19/02/2026
4. Mineral worked : DOLOMITE Associated  
LIMESTONE Main

## 5. Name and Address of the

Lessee : SHRI. K. KASI VISWANADHAN  
 POST-MUDDAPUR VILLAGE,  
 TALUKA-MUDHOL, DISTRICT-  
 BAGALKOT BAGALKOT KARNATAKA  
 Phone:09440257207  
 FAX :

Owner : K. KASHIVISHVANATHAN  
 AT- MUDDAPUR TQ-MUDHOL  
 BAGALKOT KARNATAKA  
 Phone:  
 FAX :

Manager	
Name	: K.R.SHIVANAJAPPA
Qualification	: SSLC WITH MINE FOREMAN CERTIFICATE
Appointment/	: 23/05/2007
Termination date	

6. Date of approval of Mining : 17/06/2013  
 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
<b>DIRECT</b>		
Managerial	1	250
Supervisory	1	250
<b>CONTRACT</b>		
Workers	4	250

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	0.00	0.00	0.00	0.00	
Medical facility	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	
Water supply	0.00	0.00	0.00	0.00	
Safety	0.00	0.00	0.00	0.00	
<b>Sub total</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	
<b>Infrastructure</b>					
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	
<b>Sub total</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	
<b>Environment management</b>	<b>0.05</b>	<b>0.05</b>	<b>0.05</b>	<b>0.04</b>	
<b>Others</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	
<b>Training</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	
<b>Recreation</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	
<b>Employment</b>	<b>2.00</b>	<b>2.50</b>	<b>2.50</b>	<b>2.50</b>	
<b>Sports activities</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	
<b>Total</b>	<b>2.05</b>	<b>2.55</b>	<b>2.55</b>	<b>2.54</b>	

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

The mine was last inspected on Mining Scheme inspection on 30.01.2013 and no outstanding violation observed and pointed out.

Recently Mine was Inspected under MCDR inspection on 26.04.2014 based on that violation under rule 13(1),23E(2),45(5)(a)&(b). has been point out and issued to 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, 1988, if recommended.

Not recommended

## 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	: 3 Nos of Boreholes has been Proposed for entire Scheme period (2013-2017)	No BH has been drilled upto 2013-2014.	During 2011-2012, 3 Nos of DTH has been drilled.
b.Total area covered	: 1.5 Hectares (Northern Block)	Nil	

## B. Working (Rule 13)

a.Number and size of each pit (LxWxH)	: Proposal at the end of 2013-2014 Pit-1:- 80 x 55 x 6 Dolomite Pit-2:- 60 x 45 x 2.5	As on Inspection Dolomite Pit-1:- 60 x 45 x 2-2.5 Dolomite Pit-2:- 20 x 20 x 1 Limestone Pit-3:- 30 x 30 x 3-4	There is Proposal to Merge all the Pits at the end of 2013-2014, due to less production, its not possible
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	Nil	No Waste has been removed
d.Total area covered under excavation/pits	: 0.39 Hectares	0.29 Hectares	

## C. Waste disposal (Rule 13)

a.Location of dumps	: Top Soil Dump - N1792750-N1792800 & E533850-E533900 Waster Dump-2:- N1792750-N1792800 & E533900-E533950	Waster Dump-1:- N1792650-N1792600 & E533750-E533800	Waste Dump-2 & Topsoil dump has not been formed
e.Yearly generation of waste quantity.	: 1579 Tons/ year for the Approved Scheme Period	Nil	
b.Method of dumping whether advancing/retreat	: Advancing	Advancing	
c.Total area covered under waste dump.	: 0.15 Hectares	0.10 Hectares	
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.	: Dolomite/ Limestone:- 2008-2009 = 26315/ 5263 Tons 2009-2010 = 26315/ 5263 Tons	Dolomite/ Limestone:- 2007-2008 = 1200/ 135 Tons 2008-2009 = 900/ 35 Tons 2009-2010 = 1932/ 420	
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2010-2011 = 26315/	Tons	2010-2011 = 2493/ 1170
5263 Tons		
2011-2012 = 26315/	Tons	2011-2012 = 2645/ 975
5263 Tons		
2012-2013 = Nil/	Tons	2012-2013 = Nil/ Nil
Nil Tons		
2013-2014 =	Tons	2013-2014 = 800*/ Nil
250000/ 5000 Tons		
		2012-2013 = Nil/ Nil
		Tons

**D. Reserve**

a. Reserve position as :	Dolomite/	Dolomite/ Limestone:-
per latest MP/MS and	Limestone:-	Proved (111)=469900/
at the time of	Proved	147918 Tons
inspection.	(111)=470775/	Probable (122)=188750/
	147918 Tons	2936 Tons
	Probable	Feasibility
	(122)=188750/ 2936	(211)=166826/ 13363Tons
	Tons	Prefeasibility
	Feasibility	(222)=173787/ 68887 Tons
	(211)=166826/	Inferred (333)=540885/
	13363Tons	Nil Tons
	Prefeasibility	
	(222)=173787/	
	68887 Tons	
	Inferred	
	(333)=540885/ Nil	
	Tons	

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

<b>DOLOMITE</b>		
Category	Quantity in Tonnes	Grade
Proved	637601	Cao--32.3%, Mgo--19.6%
Probable	362537	Mgo--19.6%
Possible	540885	Mgo--19.6%
Total	1541023	Mgo--19.6%
<b>LIMESTONE</b>		
Category	Quantity in Tonnes	Grade
Proved	161281	Cao--35.2%, Mgo--5.4%
Probable	71823	Cao--35.2%, Mgo--5.4%
Possible	0	
Total	233104	Cao--35.2%, Mgo--5.4%

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

Mineral	Production	Unit
DOLOMITE	800	TON
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. : Nil

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 : 95%

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

**Sub/grade mineral/fines (Rule 16)**

Qty of yearly generation and total qty available during inspection with grade : No SubgradeMineral being generated

Number and size of each stack : No SubgradeMineral being generated

Location of stacking. : No SubgradeMineral being generated

Separate stacking from waste : No SubgradeMineral being generated

Total area covered for stacking : No SubgradeMineral being generated

**Exploration data as on 31/03/ 2014**

No. of Boreholes	No. of Pits	No. of Trenches
3	0	0

**OVERBURDEN HANDLED DURING PREVIOUS YEAR 2013 - 2014**

Overburden/waste removed (in m <sup>3</sup> ) :	0
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**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. : Area is flat, plain ground with undulation, rocky exposures are seen with intermittant topsoil
- b. Aesthetic environment : Natural topography found degraded with mining activity
- c. Soil and land use pattern : Black cotton top soil existing which is being removed and dumped for afforestation
- d. Agriculture : Seasonal Crop of Jawar, Sugarcane cultivation is observed
- e. Forest(flora and fauna) : Non Forest area.
- f. Vegetation : Scanty Vegetation, Neem, babol, observed in lease area
- h. Public building, places and monuments (protected, historical), placec of worship and places of tourist : Nil

**B Water environment.**

- a. Surface water : Adjustant to lease area, there is nalla passing through.
- b. Ground water : No Seepage of ground water observed in the pits working
- c. Quality of water : No adverse has been report

**C. Air environment**

- a. Noise : No survey has been done and nothing adverse is reported
- b. Air : No survey has been done and nothing adverse is reported
- c. Climatic condition : No survey has been done and 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, Mining and animal rearing
- b. Recommending health and safety. : Hospitals/Clinics are existing at Lokapur at 15km away from ML
- c. Human settlement : There are 5 villages are existing within 5km radius from ML
- d. Recreational facility. : Available at Lokapur taluka 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.**

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

<u>Air data for excess parameters</u>		Value
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Season	Station name	Type of area	Parameter	Actual	Excess
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<u>PLANTATION DURING THE PREVIOUS YEAR</u>			<u>2013 - 2014</u>			Area in Hect.
Within lease area			Outside lease area			
Area	Trees planted	Survival rate	Area	Trees planted	Survival rate	
.07	40	70	0	0	0	

**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 returns for the Year 2012-2013 has not been submitted by the Lessee, since no significant shortcome observed.

**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:- 2513  
Lease area:- 4.23 Ha  
Lease Period:- 20 Years  
Dt of grant:- 20.02.2006  
Dt of Expiry :- 19.02.2026  
Name of Lessee:- Sri.K.Kashivishwanathan  
Location:- Muddapur Village, Mudhol Taluka, Bagalkot District, karnataka

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

It is recommended the Lessee to get permission for backfill the mined out safety barrier area.

**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.)**

Pit was moved towards the 7.5m Safety barrier on the Southern side.  
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