

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

**MCDR INSPECTION REPORT**

**Goa regional office**

**Mine file No :** KNT/BGM/QRT-1/GOA

**Mine code :** 49KAR02003

- (i) Name of the Inspecting : **K03** ) **G. S. KANNAN**  
Officer and ID No.
- (ii) Designation : Junior Mining Geologist
- (iii) Accompanying mine : Shri.Azam (Mine Supervisor)  
Official with  
Designation
- (iv) Date of Inspection : 08/08/2014
- (v) Prev.inspection date :

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **HALETORGAL**
- (b) Category : B Tiny
- (c) Type of Working : Opencast
- (d) Postal address  
State : KARNATAKA  
District : BELGAUM  
Village : HALETORGAL  
Taluka : RAMDURG  
Post office :  
Pin Code :  
FAX No. :  
E-mail :  
Phone :
- (e) Police Station :
- (f) First opening date : 14/06/1982
2. Address for : Village-Holetorgal  
correspondance Tq-Ramdurg  
Dist-Belgaum (karnataka)
3. (a) Lease Number : KAR1038  
(b) Lease area : 4.1  
(c) Period of lease : 20  
(d) Date of Expiry : 21/12/2018
4. Mineral worked : QUARTZITE Main

## 5. Name and Address of the

Lessee : K. M. BAKHAR MINING COMPANY  
 L.I.G. 137 ASHOK NAGAR  
 BELGAUM KARNATAKA  
 Phone:9833080870  
 FAX :

Owner : M/s K.M. BAKHAR MINING CO.  
 AT-HOLE TORGAL TQ-RAMDURG  
 DIST-BELGAUM BELGAUM  
 KARNATAKA  
 Phone:  
 FAX :

6. Date of approval of Mining : 02/12/2013  
 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	300
Supervisory	1	300
CONTRACT		
Workers	1	300

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>					
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	
Medical facility	0.00	0.00	0.00	0.00	
Health	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>					
Public transport	0.00	0.00	0.00	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>0.00</b>	<b>0.00</b>	<b>0.00</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>Others</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>Training</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	
<b>Sports activities</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>Total</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	

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

Previously the mine was inspected on 19.07.2013 under Mining Scheme Inspection, No violation was been pointed out. Recently the mines was inpected under MCDR on 08.08.2014, based on that following violation has been pointout under rule 13(1),23E(2),24(1),45(5)(a)&(b)and 63 issued to the 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, 19888, if recommended.

Suitable followup action will be initiated under rule 13(2), if compliance of rule 13(1) is not found satisfactory within stipulated period.

## 5. Scientific Mining

Items	Proposal	Actual work done	Remarks
<b>A. Exploration (Rule 13)</b>			
a.Type of prospecting and exploration i.e. pitting, drilling	: 4 Boreholes proposed during 2013-2014	No Borehole has been drilled	Violation under Rule13(1) has been issued
b.Total area covered	: 5.00 Hectares	Nil	Mine is not working from last April 2011-2012
<b>B. Working (Rule 13)</b>			
a.Number and size of each pit (LxWxH)	: 240m * 70m * 16m	Pit No:1:- 65m * 30m * 5m Pit No:2:- 35m * 25m * 5m	Mine is not running from 2011-2012
b.Bench size(LxWxH)length can be defined as regular/irregular	: Regular	Nil	
c.Ore to waste ratio pit wise if possible otherwise for mine	: 1 : 0.38	Nil	Not applicable as the mine is not working
d.Total area covered under excavation/pits	: 1.44 Hectares	0.24 Hectares	
<b>C. Waste disposal (Rule 13)</b>			
a.Location of dumps	: Western Side of Lease area	Nil	Created as the mine is not working
e.Yearly generation of waste quantity.	: 2013-2014 = 23652 Tons	Nil	
b.Method of dumping whether advancing/retreat	: Advancing	Nil	
c.Total area covered under waste dump.	: 0.50 Hectares	0.25 Hectares	
d.No.and size of each waste dump with No of steps/lift/bench	: Single	Nil	
<b>D. Production</b>			
b.Year wise production of last five year.	: 2011-2012 = 45000 Tons 2012-2013 = 45000 Tons 2013-2014 = 44910 Tons	2011-2012 = Nil Tons 2012-2013 = Nil Tons 2013-2014 = Nil Tons	There is no Production from 2011-2012
<b>D. Reserve</b>			
a.Reserve position as per latest MP/MS and at the time of inspection.	: As per approved Mining Scheme 2013 Proved (111) = 478620 Tons Probable (121 & 122) = 257220 Tons	During Inspection 2014 Proved (111) = 478620 Tons Probable (121 & 122) = 257220 Tons Possible (211, 221 &	There is no changes in Reserves due to Nil production

Possible (211, 221 222) = 98280 Tons  
& 222) = 98280  
Tons

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

<b>QUARTZITE</b>		
Category	Quantity in Tonnes	Grade
Proved	478620	Sio2=98%, Al2O3=0.20%
Probable	257220	Sio2=98%, Al2O3=0.20%
Possible	98280	Sio2=98%, Al2O3=0.20%
Total	834120	

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

Mineral	Production	Unit
QUARTZITE	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 : Nil, due to no mining

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

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

Qty of yearly generation and total qty available during inspection with grade : No Sub grade mineral is generated & Mine is not running from 2011

Number and size of each stack : No Sub grade mineral is generated & Mine is not running from 2011

Location of stacking. : No Sub grade mineral is generated & Mine is not running from 2011

Separate stacking from waste : No Sub grade mineral is generated & Mine is not running from 2011

Total area covered for stacking : No Sub grade mineral is generated & Mine is not running from 2011

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

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

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

Overburden/waste removed (in m3) :	0
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**Utilisation of Sub Grade Mineral and Mineral Rejects**

<u>Generated</u>	<u>Utilised</u>	<u>Stacked</u>	(In Ton.)

**7. Environment Management - both quantitative and qualitativ****A. Land environment**

- a. Landscape. : Hilly and Plain Terrain, the area is surrounded by Hills & Valley
- b. Aesthetic environment : Degraded Mining Land
- c. Soil and land use pattern : Reddish Brown soil with Qz Pebbles  
Area under Mining = 0.24 Hecatres  
OB Dump = 0.25 Hectares  
Mineral Storage = 0.05 Hectares  
Roads = 0.05 Hectares  
Green Belt = 0.10 Hectares
- d. Agriculture : Agriculture land is not avaiable surrounding the Lease area
- e. Forest(flora and fauna) : Non Forest area.
- f. Vegetation : Scanty bushes, Seasonal Plantation
- h. Public building, places and monuments (protected, historical), placec of worship and places of tourist : Ramdurg Fort is nearer to Lease area

**B Water environment.**

- a. Surface water : No source of surface water existing in ML area.
- b. Ground water : The mine has not reached the Ground water level.
- c. Quality of water : 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 : No survey has been done, 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 and animal rearing.
- b. Recommending health and safety. : Hospitals/Clinics are existing at Ramdurg Taluk HQ at 15km away from ML.
- c. Human settlement : one Village is found nearer to Lease boundary
- d. Recreational facility. : Avaiable at Ramdurg Taluk HQ at 15km away from ML.

**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.

No Annual Returns has been submitted after 2010-2011, since the mining operation are discontinued. However violation of rule 45(5) has been issued.

**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:- 2554  
Lease area:- 5.00 Ha  
Date of Grant :- 22.12.1998  
Date of Expiry:- 21.12.2018  
Lease Period:- 20Years  
Name of Mine:- Haletorgal Quartz Mine  
Name of Lessee:- M/s.K.M.Bhakhar Mining Company  
Location of Mine:- Haletorgal Village, Ramdurg Taluk, Belgaum District, Karnataka State  
Boundary of lease pillars has not been made as per statute. Action may be taken for the above issues.

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

Based on recent inspection following violation under rule 13(1),23E(2),24(1),45(5)(a)& 45(5)(b) & 63 has been pointout to lessee and advise to complianced the rules

**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 has not been made as per statute. 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