

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

MCDR INSPECTION REPORT

Goa regional office

Mine file No : KNT/BJP/QTZ - 2/GOA

Mine code : 49KAR05001

- (i) Name of the Inspecting : **K03**) **G. S. KANNAN**
Officer and ID No.
- (ii) Designation : Junior Mining Geologist
- (iii) Accompanying mine : Shri.Suresh Reddy (Partner)
Official with
Designation
- (iv) Date of Inspection : 05/06/2014
- (v) Prev.inspection date : 15/06/2001

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **KAGALAGOMB**
- (b) Category : B Manual
- (c) Type of Working : Opencast
- (d) Postal address
- State : KARNATAKA
- District : BAGALKOT
- Village : KAGALAGOMB
- Taluka : BADAMI
- Post office : KAGALAGOMB
- Pin Code :
- FAX No. : ----
- E-mail : ---
- Phone : 08354---50991
- (e) Police Station :
- (f) First opening date : 28/04/1991
2. Address for : R.M. JUMANLAL Quartz Mine (ML-1725)
correspondance At- Kayalkombe, Tq-Badami
DIST: BAGALKOT-
3. (a) Lease Number : KAR1066
- (b) Lease area : 4.05
- (c) Period of lease : 10
- (d) Date of Expiry : 24/02/1991
4. Mineral worked : QUARTZ Main

5. Name and Address of the

Lessee : R.M.JUMNAL, PARTNER
M/s Jumnal Mining Minerals,
C/o M.B. Hadagali
Building, Ward No- 10/2
Behind Sharanabasaveshwar
Temple BAGALKOT KARNATAKA
Phone: 09845046417
FAX :

Owner : R.M.JUMNAL, PARTNER
C/o Jumnal Mining Minerals,
C/o M.B Hadagali Building,
W.no.- 10/2, Behind
Sharanabasaveshwar Temple
BAGALKOT KARNATAKA
Phone: 09845046417
FAX :

Agent : SHRI S.A BHAT
C/OR.N.JUMANLAL M.N.
JUMANLAL BLD, ADAT
BAZAR, BAGALKOT. BAGALKOT
KARNATAKA
Phone:
FAX :

6. Date of approval of Mining : 22/09/2009
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	0	0
Supervisory	0	0
CONTRACT		
Workers	1	320

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					
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	
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	
Sub total	0.00	0.00	0.00	0.00	
Infrastructure					
Public transport	0.00	0.00	0.00	0.00	
Electricity	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	
Sub total	0.00	0.00	0.00	0.00	
Recreation	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	
Employment	0.00	0.00	0.00	0.00	
Sports activities	0.00	0.00	0.00	0.00	
Others	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.

Previously the Mine was suspended under rule 45(5) (a) on 04/02/2013. Till it is not revoke the suspension order also. Recently the Mine was inspected under MCDR inspection on 05.06.2014. Based on that violation under rule 12(3),23(F)(3),24(1) has been point out and 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, 1988, if recommended.

Nil

5. Scientific Mining

Items	Proposal	Actual work done	Remarks
A. Exploration (Rule 13)			
a.Type of prospecting and exploration i.e. pitting, drilling	No exploration is proposed	Nil	Mines is not in Operation from 2007-2008
b.Total area covered	: Nil	Nil	
B. Working (Rule 13)			
a.Number and size of each pit (LxWxH)	: 230m x 80m x 5m	Pit-1:- 30m x 20m x 2m, Pit-2:- 70m x 30m x 3m Pit-3:- 30m x 10m x 3m	There is Proposal to merge the 3 pits & to form Single Pit but there is no mininig from 2007-2008
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	: Nil	Nil	
d.Total area covered under excavation/pits	: 1.948 Hectares	0.835 Hectares	
C. Waste disposal (Rule 13)			
a.Location of dumps	: Western side of Lease area	Nil	Due to no mining there is no Dump yard
e.Yearly generation of waste quantity.	: 89742 Tons for 2013-2014	Nil	No waste is generated due to no mining
b.Method of dumping whether advancing/retreat	: Advancing	Nil	
c.Total area covered under waste dump.	: 1.024 Hectares	0.035 Hectares	
d.No.and size of each waste dump with No of steps/lift/bench	: Single	Nil	
D. Production			
b.Year wise production of last five year.	: 2009-2010 = 40808 Tons 2010-2011 = 40681 Tons 2011-2012 = 40283 Tons 2012-2013 = 40006 Tons 2013-2014 = 40018 Tons	2009-2010 = Nil 2010-2011 = Nil 2011-2012 = Nil 2012-2013 = Nil 2013-2014 = Nil	Nil production from last 2007-2008

D. Reserve

a. Reserve position as : As per approved Mining Scheme: As on Inspection: There is no
per latest MP/MS and at the time of inspection. Proved(111)= 32542 Tons Proved(111)= 32542 Tons change due to
at the time of inspection. Proved(111)= 32542 Tons Probable(121) = 107626 Tons no operation
Probable(121) = 107626 Tons Possible (333) = 107626 Tons
Possible (333) = 107626 Tons

RESERVE POSITION AS ON 01/04/2014

QUARTZ		
Category	Quantity in Tonnes	Grade
Proved	32542	Sio2=+98%
Probable	107626	Sio2=+98%
Possible	107626	Sio2=+98%
Total	247794	Sio2=+98%

PRODUCTION FOR THE PREVIOUS YEAR 2013 - 2014

Mineral	Production	Unit
QUARTZ	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 : 90-95%

Number of benches in ore and waste. : Single in Ore

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 2007-2008

Number and size of each stack : No Sub grade mineral is generated & Mine is not running from 2007-2008

Location of stacking. : No Sub grade mineral is generated & Mine is not running from 2007-2008

Separate stacking from waste : No Sub grade mineral is generated & Mine is not running from 2007-2008

Total area covered for stacking : No Sub grade mineral is generated & Mine is not running from 2007-2008

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**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. : Hilly and Plain Terrain, the area is surrounded by Rocky
- b. Aesthetic environment : Good Agricultural fertile Land
- c. Soil and land use pattern : Reddish Brown soil good for Agriculture
- Land use Pattern:-
Area under Mining = 0.835 Hecatres
OB Dump = 0.035 Hectraes
Roads = 0.180 Hectares
Other = 2.997 Hectares
- d. Agriculture : Mango, Banana, Chikku, papaya and other fruits trees
- e. Forest(flora and fauna) : Non Forest area.
- f. Vegetation : Scanty bushes, mango and cashew & fruit plantation
- h. Public building, places and monuments (protected, historical), placec of worship and places of tourist : None

B Water environment.

- a. Surface water : No source of surface water existing in ML area.
- b. Ground water : Its a hilly mine, so the mine has not reached the Surface level itself. Hence Ground water problem is not there
- 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 Bagalkot at 10km away from ML.
- c. Human settlement : one Village is found nearer to Lease boundary
- d. Recreational facility. : Available at Balgalkot 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.

<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.

The mine was not working from 2007-2008, the lessee has submitted all the returns of the mine. every thing is nil only.

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.

ML :- 2452
Lease Area:- 4.047 Hectares
ML Granted :- 18.05.2004
Period of Lease:- 20 Yrs
Dt of Expiry :- 17.05.2024
Name of Lessee:- M/s.Jummal Mining Minerals
Name of Mine:- Kagalgomb Quartz Mine
Location of Mine:- Kagalgomb Village, Badami Taluk, Bagalkot District, Karnataka.

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

Mine stop its working due to surrender of private patta lands and change of land details. Hence its suggested to complete all the procedure as soon as to start the operation

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 :

(G. S. KANNAN)

Indian Bureau of Mines