

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

**MCDR INSPECTION REPORT**

**Goa regional office**

**Mine file No :** KNT/BGM/QRT-5/GOA

**Mine code :** 50KAR02001

- (i) Name of the Inspecting : **K03** ) **G. S. KANNAN**  
Officer and ID No.
- (ii) Designation : Junior Mining Geologist
- (iii) Accompanying mine : Shri SA.Kadam, Mine Owner & Shri.N.Moorthy  
Official with  
Designation
- (iv) Date of Inspection : 03/08/2014
- (v) Prev.inspection date : 28/03/2005

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **SINDIKURBET**
- (b) Category : B Manual
- (c) Type of Working : Opencast
- (d) Postal address
- State : KARNATAKA
- District : BELGAUM
- Village : SINDIKURBET
- Taluka : GOKAK
- Post office :
- Pin Code :
- FAX No. :
- E-mail :
- Phone :
- (e) Police Station : GHATAPRABHA
- (f) First opening date : 05/03/2002
2. Address for : Shri S.A. Kadam  
correspondance : M/s Anand Minerals, Old Doddannavar Compund  
Opp. to Corporation Complex, P.B.Road, Belgaum
3. (a) Lease Number : KAR1215
- (b) Lease area : 4.05
- (c) Period of lease : 20
- (d) Date of Expiry : 19/09/2020
4. Mineral worked : QUARTZITE Main

## 5. Name and Address of the

Lessee : Shri Srikant AnandRao Kadam  
M/s ANAND MINERALS OLD  
DODDANAVAR COMPLEX P.B.  
ROAD, BELGAUM BELGAUM  
KARNATAKA  
Phone:0831-437223 & 4  
FAX :

Owner : S.A.KADAM  
M/s Anand Minerals Old  
Doddannavar Compund, Opp.  
to Corporation Cox.P.B.  
Road, Belgaum BELGAUM  
KARNATAKA  
Phone: 0831-2437223/24  
FAX : 0831-242966

Manager	
Name	: B.R.DANGAR
Qualification	: BSc. I st Year and Mine Foreman Certific
Appointment/	: 01/09/2007
Termination date	

6. Date of approval of Mining : 09/05/2007  
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	300
Supervisory	1	300
<b>CONTRACT</b>		
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>					
Medical facility	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	
Water supply	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	
<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	
Roads	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	
<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>0.00</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>Training</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>Recreation</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>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 15.03.2007 under Mining Scheme, No violation was been pointed out. Recently the mines was inpected under MCDR on 03.08.2014, based on that following violation has been pointout under rule 13(1), 23(F)(3), 24 (1), 45(5)(a) & 45(5)(b) 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, 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
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## A. Exploration (Rule 13)

a.Type of prospecting and exploration i.e. pitting, drilling	: 7 Boreholes proposed during year 2007-2012	Nil	Violation under Rule 13(1) is issued
b.Total area covered	: 4.04 Hectares	Nil	Mine is not working from 2009

## B. Working (Rule 13)

a.Number and size of each pit (LxWxH)	: 125m * 70m * 10-15m	Pit-1:- 50m * 30m * 1.5m apart from this two small pits are present	Due to Surrounding Villagers & Delay in EC, the mine stopped operations from 2009
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 : 0.025	Nil	Nil Production from 2009
d.Total area covered under excavation/pits	: 0.760 Hectares	0.200 Hectares	As the mine is not in operation,mining area is not extended

## C. Waste disposal (Rule 13)

a.Location of dumps	: Nil	Nil	
e.Yearly generation of waste quantity.	: 2010-2011 = 5400 Tons 2011-2012 = 6000 Tons 2012-2013 = Not proposed 2013-2014 = Not Proposed	2010-2011 = Nil 2011-2012 = Nil 2012-2013 = Not proposed 2013-2014 = Not Proposed	Mine is not working from 2009 & MS not approved after 2012. Thus Violation under Rule 13(1) is issued
b.Method of dumping whether advancing/retreat	: Not Applicable	Not Applicable	
c.Total area covered under waste dump.	: Not Applicable	Not Applicable	
d.No.and size of each waste dump with No of steps/lift/bench	: Not Applicable	Not Applicable	

## D. Production

b.Year wise production of last five year.	: 2009-2010 = 16800 Tons 2010-2011 = 21600 Tons	2009-2010 = 1503 Tons 2010-2011 = Nil 2011-2012 = Nil 2012-2013 = Not proposed	
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2011-2012 = 24000 Tons  
 2012-2013 = Not proposed  
 2013-2014 = Not Proposed

**D. Reserve**

a. Reserve position as per latest MP/MS and at the time of inspection. : Reserves as Per Approved MS 2007 Proved (111) = 77600 Tons Probable (121& 122) = 623600 Tons Possible (221) = 345600 Tons Reserves as on Inspection 2014 Proved (111) = 74074 Tons Probable (121& 122) = 623600 Tons Possible (221) = 345600 Tons There is no Production from 2009

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

<b>QUARTZITE</b>		
Category	Quantity in Tonnes	Grade
Proved	77600	Sio2=97%, Al2O3=1.5%
Probable	623600	Sio2=97%, Al2O3=1.5%
Possible	345600	Sio2=97%, Al2O3=1.5%
Total	1046800	Sio2=97%, Al2O3=1.5%

**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. : Mine is not operating from 2009

Efforts for improving percentage of recovery of ore. : Mine is not operating from 2009

**Mineral Rule 15**

Percentage of recovery of ore pitwise w.r.t. ROM and total material : Due to Nil Working, recovery is Nil

Number of benches in ore and waste. : One bench in both Ore & Waste

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

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

Number and size of each stack : No Sub grade Mineral is being generated

Location of stacking. : No Sub grade Mineral is being generated

Separate stacking from waste : Nil

Total area covered for stacking : No Sub grade Mineral is being generated

**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 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. : Hillock & Plain slope land
- b. Aesthetic environment : Degraded Mining Land
- c. Soil and land use pattern : Red soil with Gravels  
Area under Mining = 0.200 Hectares  
Remaining Area = 3.840 Hectares
- d. Agriculture : Paddy, Coconut are cultivated in surrounding area
- e. Forest(flora and fauna) : No Forest is involved
- f. Vegetation : ML area is devoid of agriculture
- h. Public building, places and monuments (protected, historical), placec of worship and places of tourist : Gokak Falls is nearer to Lease area

### B Water environment.

- a. Surface water : ML area nearer to Gokak Falls & Malaprabha river is passing nearer
- b. Ground water : No Seepage of groundwater is observed. Since Mine is gone only 2m depth
- c. Quality of water : No adverse is reported

### C. Air environment

- a. Noise : No Survey has been done, No adverse is reported.
- b. Air : No Survey has been done, No adverse is reported.
- c. Climatic condition : No Survey has been done, No adverse is reported.

### D. Socio economic environment

- a. Social and demographic profile. : Rural status population is existing at nearby villages from ML with main occupation as Fishing & agriculture
- b. Recommending health and safety. : Hospitals are existing as Gokak Taluk about 10 kms away.
- c. Human settlement : There is 3 Villages within 5km radius from ML
- d. Recreational facility. : Threatres, parks are existing in Gokak taluk about 10kms 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.

Lessee is not submitting the Returns since 2009-2010. violation of rule 45(5)(a) & 45(5)(b) of MCDR'88 has been pointed out to the lessee.

**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:- 2283  
Lease area:- 4.04 Ha  
Date of Grant :- 20 September 2000  
Date of Expiry:- 19 September 2020  
Lease Period:- 20Years  
Name of Lessee:- Sri.Srikanth Anandarao Kadam  
Name of Mine:- Sindhikurabet Quartz Mine  
Location of Mine:- Sindhikurabet Village, Gokak Taluk, Belgaum District.  
Mining Scheme Valid upto 31.03.2012

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

Based on recent inpection violation under rule 13(1), 23(F) (3), 24 (1), 45(5)(a) & 45(5)(b)has been pointout to lessee.

**PART - IV : PROPOSALS FOR FURTHER ACTION FOR :**

**Indian Bureau of Mines (any issue related to CGPB, SGPB, Assistance, Consultancy, Annual Programme and studies, etc.)**

Mining Lease is valid upto 2020 & Mining scheme was valid upto 31.03.2012 only. since the lessee has not been submitted subsequent Mining Scheme, the violation of rule 12(3) alongwith other violations pointed out to the lessee.

**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