

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

MCDR INSPECTION REPORT

Goa regional office

Mine file No : KNT/BGM/DOL-1/GOA

Mine code : 19KAR02001

- (i) Name of the Inspecting : **KQ2**) **KALMATA M.K.**
Officer and ID No.
- (ii) Designation : Senior Mining Geologist
- (iii) Accompanying mine : Prakesh Patil, Mine Mate.
Official with
Designation
- (iv) Date of Inspection : 20/11/2014
- (v) Prev.inspection date : 08/06/2013

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **DAVALESHWAR (4.86HA) ML2282**
- (b) Category : B Manual
- (c) Type of Working : Opencast
- (d) Postal address
State : KARNATAKA
District : BELGAUM
Village : DAVALESHWAR
Taluka : GOKAK
Post office : DAVALESHWAR
Pin Code :
FAX No. : 0831-2429166
E-mail : kadam_mines@rediffmail.com
Phone : 0831-2437223/24; MOBILE-98.
- (e) Police Station : Kuligod
- (f) First opening date : 18/11/2000
2. Address for : Davaleshwar Dolomite mine of Shri S.A.Kadam
correspondance At-Davaleshwar Tq- Gokak
Dist-Belgaum
3. (a) Lease Number : KAR1306
(b) Lease area : 4.86
(c) Period of lease : 20
(d) Date of Expiry : 19/09/2020
4. Mineral worked : DOLOMITE 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
6. Date of approval of Mining : 15/02/2012
 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	289
Supervisory	0	0
Others	0	0
Ministrial	0	0
Plant	0	0
Workers	4	289

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					
Medical facility	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	
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	
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	
Sub total	0.00	0.00	0.00	0.00	
Sports activities	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	
Others	0.00	0.00	0.00	0.00	
Training	0.00	0.00	0.00	0.00	
Employment	0.00	0.00	2.57	0.00	Salaries of cler
Total	0.00	0.00	2.57	0.00	

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

The mine was previously inspected on 08.06.13 by ACOM & violations of rule 45(5)(b) & 24(1) of MCDR-88 were pointed out & same has been complied on 01/10/2013. During present inspection V/l of rule 13(1), 23(E) 25, 42(i)(ii), 45(5)(a), 63 of mcdr 1988 was observed & sent violation letter for compliance.

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.

If lessee failed to comply the violation of rule 13(1) within stipulated time, action to suspend the mining operation under rule 13(2) will be recommended to bring it to logical end.

5. Scientific Mining

Items	Proposal	Actual work done	Remarks
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A. Exploration (Rule 13)

a.Type of prospecting : It was proposed to No such exploration work Violation for
and exploration i.e. drill two has been carriedout by the same is
pitting, drilling coredrill holes to the lessee. pointedout.
a depth of 30m
each in the year
2011-12.

b.Total area covered : 1.00ha Nil Violation for
the same is
pointed out.

B. Working (Rule 13)

a.Number and size of : One pit Measuring Three pits are Violation for
each pit (LxWxH) 80m (l) x 30m(w) x developed. the same is
6m(h) for entire 5 Pit No-1 pointed out.
year plan period 35m(l) x 11m (w) x
2.5m(h)

Pit No-2
20m (l) x 16m (w) x
3m(h)

Pit No-3
14m(l) x 5m(w) x 3m(h)

b.Bench : 35m(l) x 5m(w) x No benches were working has
size(LxWxH)length can 3m(h) developed. Three pits been not
be defined as are opened at different carriedout as
regular/irregular locations and dimensions per the
above point. proposals.Viola
tions has been
pointed out.

c.Ore to waste ratio : 1:0.25 0.05
pit wise if possible
otherwise for mine

d.Total area covered : 0.24ha 0.0775 ha Three pits are
under excavation/pits opened at
different
locations.

C. Waste disposal (Rule 13)

a.Location of dumps : It was proposed to Dumping was made in the Violation for
dump b/w co- other lease of the the same is
ordinates 56N to lessee(2298) which is pointed out.
102N & 68E to adjacent to M.L no-2282.
104E

e.Yearly generation : 1250 tons Lessee has removed
of waste quantity. approximately about 250
tons of waste and not
shown same in any
records.

b.Method of dumping : Retreat
whether
advancing/retreat Retreat

c.Total area covered : 0.0924Ha
under waste dump. Nil

Dumping was
made in the
other lease of
the same
lessee.

d.No.and size of each : 40m (l) x 20m(w)
waste dump with No of Nil
steps/lift/bench

D. Production

b.Year wise	: 2014-15	2014-15
production of last	5000 tons	Nil
five year.	2013-14	2013-14
	5000 tons	5000 tons
	2012-13	2012-13
	5000 tons	2020 tons
	2011-12	2011-12
	5000 tons	Nil

D. Reserve

a.Reserve position as :	Classification
per latest MP/MS and	UNFC Code Quantity in
at the time of	tons
inspection.	Proved Reserves
	111 400913
	Pre-Feasibility Resources
	221 100747

RESERVE POSITION AS ON 01/04/2014

DOLOMITE		
Category	Quantity in Tonnes	Grade
Proved	400913	Cao-28.14 & Mgo 18.83
Probable	0	
Possible	100747	
Total	501660	

PRODUCTION FOR THE PREVIOUS YEAR 2013 - 2014

Mineral	Production	Unit
DOLOMITE	5000	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

Number of benches in ore and waste. : Three pits are developed in the mine two are in ore & one in waste.

Sub/grd mineral/fines (Rule16)

Qty of yearly generation and total qty available during inspection with grade : Nil

Number and size of each stack : Nil

Location of stacking. : Nil

Separate stacking from waste : Nil

Total area covered for stacking : Nil

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) :	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. : Plain undulated terrain with rocky exposures.
- b. Aesthetic environment : Three small pits are developed.
- c. Soil and land use pattern : Unbrokenup area is coverd with topsoil.
- d. Agriculture : Sugarcane, Jawar & maize are major crops.
- e. Forest(flora and fauna) : No forest with in the lease.
- f. Vegetation : Coconut plantation was made in the nothern part of the lease area.
- h. Public building, places and monuments (protected, historical), placec of worship and places of tourist : No vegetation with in the lease area.

B Water environment.

- a. Surface water : No water course observed in the lease area.
- b. Ground water : Ground water is at the depth of 200-250ft. & no sepage was observed.
- c. Quality of water : Analysis not done.

C. Air environment

- a. Noise : Manual mines.Hence impact is negligible.
- b. Air : Manual mines.Hence impact is negligible.
- c. Climatic condition : Gokak is known for its moderately hot climate throughout the year except for the monsoon. Gokak receives rainfall from both the northeast and the southwest monsoons and the wettest months are June-September.It has a distinct wet and dry season.

D. Socio economic environment

- a. Social and demographic profile. : Population from near by villages is nearly 12180 & litrecy rate is 65-70%. majority of the people are farmers or affiliated to other Agriculture related business.
- b. Recommending health and safety. : Gokak is the near by city where all medical facilities are available.
- c. Human settlement : There is no human settlement within the lease area.
- d. Recreational facility. : Nil.

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	Parameter	Water Management	
				Value	
				Actual	Excess

Air data for excess parameters

Season	Station name	Type of area	Parameter	Value	
				Actual	Excess

<u>PLANTATION DURING THE PREVIOUS YEAR</u>			<u>2013 - 2014</u>		
					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 annual return submitted for the year 2013-14 was produced for the scrutiny and it was observed that the return was submitted in H-9 instead of H-8. Mining Engg Name was mentioned as Girish Bellary who is appointed for other lease(2298) of the same lessee .Reserve/Resources are not properly mentioned. waste removal was shown as nil eventhough party has handled some quantity of waste, Lease period was wrongly entered.The deficiencies observed in the annual returns were show to lessee and advised to send revised returns to this office at the earliest.

PART - III : PERFORMANCE OF MINE OWNER
(In case of lease expiring within 2 years - as per guidelines)

PART - IV : PROPOSALS FOR FURTHER ACTION FOR :

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

Lessee has not carried out the exploration so far and facing quality problem, so area is needs to be explored properly in view of conservation of mineral & systematic mining.

State Government (Illegal mining, mining dispute, infrastructure, Mineral based industry, Mineral policy, etc.)

The distance between the corner pillars erected in the field appears to be varies from the lease sketch & needs to be verified.

The Central Government (Infrastructure, Development, Mineral policy and Legislation, Mineral based industry, etc.)

Nil.

Date :

(KALMATA M.K.)

Indian Bureau of Mines