

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

MCDR INSPECTION REPORT

Goa regional office

Mine file No : KNT/BGM/DOL-4/GOA

Mine code : 19KAR02004

- (i) Name of the Inspecting : **G001**) **GUMNA RAM**
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine : S/Shri Girish Ballari & Prakash Patil, Mine manager
Official with
Designation
- (iv) Date of Inspection : 20/08/2014
- (v) Prev.inspection date : 20/03/2011

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **DHAVLESHWAR-(ML 2389)**
- (b) Category : A Other Mechanised
- (c) Type of Working : Opencast
- (d) Postal address
State : KARNATAKA
District : BELGAUM
Village : DHAVALESHWAR
Taluka : GOKAK
Post office : DHAWALESHWAR
Pin Code : 591136
FAX No. : 0831-2429166
E-mail : kadam_mines@rediffmail.com
Phone : 2437224 (Off), 2477730 (Res),'
- (e) Police Station : Gokak
- (f) First opening date : 09/07/2003
2. Address for correspondence : Shri S.A.Kadam, Mine owner
Old Doddannavar Compound, Opp Corporation Complex
P.B.Road, 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 : ANAND MINERALS
 Doddanavar Compound Opp.
 Corporation Complex, P. B.
 Road BELGAUM KARNATAKA
 Phone:0831-2437223,2437224
 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 : Shri Prakash Patil Qualification : SSC & Mine mate certificate Appointment/ : 01/06/2012 Termination date
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6. Date of approval of Mining : 17/09/2013
 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	143
Workers	11	143
Supervisory	2	143

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	
Sanitation	0.00	0.00	0.00	0.00	
Water supply	0.00	0.00	0.00	0.00	
Housing	0.00	0.00	0.00	0.00	
Health	0.00	0.00	0.00	0.00	
Safety	0.00	0.00	0.00	0.00	
Sub total	0.00	0.00	0.00	0.00	
Infrastructure					
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	
Public transport	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	
Sports activities	0.00	0.00	0.00	0.00	
Employment	0.00	0.00	0.00	0.00	
Environment management	0.00	0.00	0.00	0.00	
Training	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.

Date of Last Inspection	Violation Pointed out	Compliance Reported
08/06/2013(MS)	13(1), 42 rule 13(1) complied.	
20/08/2014	13(1), 42(1)(c)(i), 45(5)(b)	Under Process.

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.

No such recommendations have been made presently.

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	: 05 DTH holes up to 60m depth each proposed in present scheme period to drill as earmarked in plate No.4.	Not done at present.	03 DTH holes proposed in 2008-09 & 02DTH holes in 2009-10 but no drilling done & 05 DTH holes proposed in present scheme .
b.Total area covered	: The mine lease area proposed for exploration.	Presently no exploration work done.	Violation under rule 13(1) pointed out.

B. Working (Rule 13)

a.Number and size of each pit (LxWxH)	: Two mining pits.	Two pits of irregular size, Presently mining work done in pit No.1. (excavated area is about -3.6Ha.)	
b.Bench size(LxWxH)length can be defined as regular/irregular	: Regular	Irregular bench with variable depth.	
c.Ore to waste ratio pit wise if possible otherwise for mine	: 1:0.11	1:0.098	
d.Total area covered under excavation/pits	: It was proposed to work in pit No.1 as earmarked.	Mining work done partly in pit no.1 partly.Total excavated area in both pit is about 3.6Ha.	

C. Waste disposal (Rule 13)

a.Location of dumps	: It was proposed to dump waste material at SE of ML area.	Waste material dumped as proposed in SE of ML area.	
e.Yearly generation of waste quantity.	: 8890T	3100T (2013-14)	
b.Method of dumping whether advancing/retreat	: Retreat	Retreat	
c.Total area covered under waste dump.	: 0.0988Ha.	0.075Ha.	
d.No.and size of each waste dump with No of steps/lift/bench	: Single dump & single step of 5m height	Single dump & single step of 1-2m height	

D. Production

b.Year wise	: 2010-11=44,955T	2010-11=36,331T
production of last	2011-12=47,385T	2011-12=42,967T
five year.	2012-13=48,600T	2012-13=38,633T
	2013-14=88,894T	2013-14=31,500T
	2014-15=88,889T	2014-15=22,000T Up to July,2014

D. Reserve

a.Reserve position as :- per latest MP/MS and at the time of inspection.	As per approved SOM ,Reserves and resources available as on 01.4.2014 is- UNFC(111,121,122)- 4,04,398T and remaining resources-9,91,221T
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RESERVE POSITION AS ON 01/04/2014

DOLOMITE		
Category	Quantity in Tonnes	Grade
Proved	404398	Cao-29.58% & Mgo-18.65% average grade
Probable	991221	
Possible		
Total	1395619	

PRODUCTION FOR THE PREVIOUS YEAR 2013 - 2014

Mineral	Production	Unit
DOLOMITE	31500	TON

6. Conservation of Mineral - both quantitative and qualitative

Beneficiation (Rule 20 and 26)

- Efforts for improving low grade and sub grade mineral. : Sizing & sorting of ore by manually & m/c .The ore is crushed in own crusher to 10-40mm size as per buyer requirement and sold with blending .
- Efforts for improving percentage of recovery of ore. : Sizing & sorting of ore by manually & m/c .The ore is crushed in own crusher to 10-40mm size as per buyer requirement and sold with blending .

Mineral Rule 15

- Percentage of recovery of ore pitwise w.r.t. ROM and total material : About 90%
- Number of benches in ore and waste. : Three to four benches of variable height in ore/waste waste.

Sub/grade mineral/fines (Rule16)

- Qty of yearly generation and total qty available during inspection with grade : Not applicable as Presently no subgrade mineral is being generated.
- Number and size of each stack : Not applicable as Presently no subgrade mineral is being generated.
- Location of stacking. : Not applicable as Presently no subgrade mineral is being generated.
- Separate stacking from waste : Waste material was stacked separately as proposed & ore is crushed in own crusher to 10-40mm size as per buyer requirement and sold with blending .Presently no subgrade mineral is being generated.
- Total area covered for stacking : Not applicable as Presently no subgrade 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 m3) :	1150
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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. : Undulated flat terrain.
- b. Aesthetic environment : Degraded mining pit area.
- c. Soil and land use pattern : No top soil is presently generated .
- d. Agriculture : Seasonal Peddy crops & sugar cane etc.
- e. Forest(flora and fauna) : Not applicable as no forest land involved.
- f. Vegetation : Naturally grown thorny bushes & shurbs existing
- h. Public building, places and monuments (protected, historical), placec of worship and places of tourist : No Public building, places and monuments (protected, historical), placec of worship and places of tourist.

B Water environment.

- a. Surface water : No water body observed in ML area .
- b. Ground water : No seepage of ground water observed.
- c. Quality of water : No water analysis done and no adverse impact observed.

C. Air environment

- a. Noise : Nothing adverse is reported
- b. Air : Nothing adverse is reported
- c. Climatic condition : Tropical & semi Arid

D. Socio economic environment

- a. Social and demographic profile. : The surrounding village popolation profile are rural background & main occupation are agriculture & animal rearing.
- b. Recommending health and safety. : None, mine office is used as rest shelter.
- c. Human settlement : Rural population of 12180 nos.are existing in nearby 08 villages with main occupation of agriculture and animal rearing.
- d. Recreational facility. : None, recreation facilities are available nearest at Mudhol.

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 has submitted the annual return for the year 2013-14 in old format in form H-9 with in stipulated time & accordingly advised for online return & also pointed out for submission in new format in form H-8.

Production (2013-14)-31500T,Overburden-3100T,Opening stock-15035T,Dispatch-31363.6T,Closing stock-15171.4T,PMV-308Rs./T,

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As per approved SOM ,Reserves and resources available as on 01.4.2014 is-UNFC(111,121,122)-4,04,398T and remaining resources-9,91,221T

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.

Not applicable as ML was executed WEF 19.2.2003 for 20years & will be expired on 18.2.2023.

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

The latest scheme of mining was approved on 17/9/2013 for the period of 2013-14 to 2017-18.

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.)

The lessee has not been carried out the DGPS survey till date & accordingly action may be initiated as per ccom circular 2/2010.

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

NIL

Date :

(GUMNA RAM)

Indian Bureau of Mines