

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

MCDR INSPECTION REPORT

Goa regional office

Mine file No : KNT/BGM/LST-29/Goa

Mine code : 38KAR02037

- (i) Name of the Inspecting : **K03**) **G. S. KANNAN**
Officer and ID No.
- (ii) Designation : Junior Mining Geologist
- (iii) Accompanying mine : Shri.I.L.Ittannavar, Mine Owner
Official with
Designation
- (iv) Date of Inspection : 05/01/2015
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **YADWAD (M.L.NO.2670)**
- (b) Category : B Manual
- (c) Type of Working : Opencast
- (d) Postal address
State : KARNATAKA
District : BELGAUM
Village :
Taluka :
Post office :
Pin Code :
FAX No. :
E-mail :
Phone :
- (e) Police Station : Kuligod
- (f) First opening date : 06/08/2014
2. Address for : Mudhol Road,
correspondance Yadwad,Tq. Gokak
Distt.Belgaum
3. (a) Lease Number :
(b) Lease area :
(c) Period of lease :
(d) Date of Expiry :
4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : I. L. ITTANNAVAR
Mudhol Road Yadwad Belgaum
BELGAUM KARNATAKA
Phone:9008068841
FAX :

Owner : Shri Ishwarappa L. Ittanwar
Yadwad, Gokak Belgaum
BELGAUM KARNATAKA
Phone:
FAX :

6. Date of approval of Mining :
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	250
Supervisory	1	250
CONTRACT		
Workers	5	200

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					
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	
Water supply	0.00	0.00	0.00	0.00	
Health	0.00	0.00	0.00	0.00	
Medical facility	0.00	0.00	0.00	0.00	
Sub total	0.00	0.00	0.00	0.00	
Infrastructure					
Electricity	0.00	0.00	0.00	0.00	
Public transport	0.00	0.00	0.00	0.00	
Communication	0.00	0.00	0.00	0.00	
Roads	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	
Employment	0.00	0.00	0.00	0.00	
Sports activities	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	
Environment management	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.

Lease is granted on 24.02.2014 and this is first MCDR Inspection. Based on following violation under rule 23(F)(3), 45(1), 45(5)(a), 45(5)(b) & 46 has been pointed to 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.

Suitable follow up action will be initiated under rule 13(2) & 45(7)(i)(a) if compliance of MCDR, 1988 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 : 2 BH in 2013-2014 and exploration i.e. pitting, drilling	Nil		Lease is Executed in 24.02.2014 only
b.Total area covered : Entire Lease area	Nil		

B. Working (Rule 13)

a.Number and size of each pit (LxWxH) : 40m * 50m * 3m	20m * 20m *1m		Mine started its production from August 2014
b.Bench size(LxWxH)length can be defined as regular/irregular : Regular	Regular		
c.Ore to waste ratio : 1 : 0.11 pit wise if possible otherwise for mine	1 :0.25		
d.Total area covered : 0.50 Hect under excavation/pits	0.20 Hect		

C. Waste disposal (Rule 13)

a.Location of dumps : Its proposed to strenghting the approach road and safety bund	Its used to strenghting the approach road and safety bund		
e.Yearly generation of waste quantity. : 2778 Waste for 2013-2014	Waste material is used for strengthening of Road.		
b.Method of dumping whether advancing/retreat : Advancing	Advancing		
c.Total area covered : Nil under waste dump.	Nil		
d.No.and size of each waste dump with No of steps/lift/bench : Nil	Nil		

D. Production

b.Year wise production of last five year. : 2013-2014 = 25000 Tons	2013-2014 = Nil		Lease is granted on 24.02.2014
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D. Reserve

a.Reserve position as per latest MP/MS and at the time of inspection. : As per approved Mining Plan: Proved (111) = 144638 Tons Possible (221) = 31756 Tons Probable (333) = 454252 Tons	As on Inspection 2015: Proved (111) = 144638 Tons Possible (221) = 31756 Tons Probable (333) = 454252 Tons		So for 1000 Tons has been removed in 2014
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LIMESTONE		
Category	Quantity in Tonnes	Grade
Proved	144638	CaO=51.40%, MgO=2.57%
Probable	31756	CaO=51.40%, MgO=2.57%
Possible	454252	CaO=51.40%, MgO=2.57%
Total	630646	CaO=51.40%, MgO=2.57%

PRODUCTION FOR THE PREVIOUS YEAR 2013 - 2014

Mineral	Production	Unit
LIMESTONE	0	TON

6. Conservation of Mineral - both quantitative and qualitative**Beneficiation (Rule 20 and 26)**

Efforts for improving low grade and sub grade mineral. : Low grade will be blended with high grade and sell

Efforts for improving percentage of recovery of ore. : Low grade will be blended with high grade and sell, manual sizing is involved to improve the percentage recovery.

Mineral Rule 15

Percentage of recovery of ore : 90%
pitwise w.r.t. ROM and total material

Number of benches in ore and waste. : Single bench

Sub/grade mineral/fines (Rule 16)

Qty of yearly generation and total qty available during inspection with grade : No generation of Sub Grade

Number and size of each stack : No generation of Sub Grade

Location of stacking. : No generation of Sub Grade

Separate stacking from waste : No generation of Sub Grade

Total area covered for stacking : No generation of Sub Grade

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 ³) :	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. : Flat topography with limestone outcrop present in the lease area
- b. Aesthetic environment : Bushes and scattered trees area observed in the lease area.
- c. Soil and land use pattern : Thin Soil Cover present.
- d. Agriculture : Seasonal Crop of Jawar, Sugarcane cultivation is observed
- e. Forest(flora and fauna) : Non Forest area.
- f. Vegetation : Scanty Vegetation, Neem, babol, observed in lease area
- h. Public building, places and monuments (protected, historical), placec of worship and places of tourist : None

B Water environment.

- a. Surface water : Seasonal nalla is passing inside the lease area and near to boundary also
- b. Ground water : No Seepage of ground water observed
- c. Quality of water : No adverse has been report

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 fall under rural status & main occupation is agriculture, mining & animal rearing
- b. Recommending health and safety. : Hospital & Cilinic is found in Lokapur nearer to Lease area
- c. Human settlement : 3 Villages is found nearer to 5km radius from ML
- d. Recreational facility. : Available in Lokapur nearer to Lease area

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

<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.

Lease is granted on 24.02.2014, so the lessee has not submitted annual returns & violation is pointed out for the same.

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 :- 2670
Lease Area:- 3.12 Hectares
Dt of Grant :- 24.02.2014
Period of Lease:- 20 Yrs
Dt of Expiry :- 23.02.2034
Name of Lessee:- Shri.Ishwarappa L.Ittannavar
Name of Mine:- Yadwad Limestone & Dolomite Mine
Location:- Yadwad Village, Gokak Taluk, Belgaum District

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

Its advise lessee to register in IBM website,to submit the returns properly

PART - IV : PROPOSALS FOR FURTHER ACTION FOR :

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

The lessee has not registered with the Indian Bureau of Mines under the rule 45(1) of MCDR,1988.

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