

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

MCDR INSPECTION REPORT

Goa regional office

Mine file No : KNT/BJP/LST-4/GOA

Mine code : 38KAR05005

- (i) Name of the Inspecting : **K02**) **KALMATA M.K.**
Officer and ID No.
- (ii) Designation : Senior Mining Geologist
- (iii) Accompanying mine : Shri B.S.Burli, Manager (Admin)
Official with
Designation
- (iv) Date of Inspection : 19/11/2014
- (v) Prev.inspection date : 14/10/2013

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **CHIKKASHELLIKERI**
- (b) Category : B Manual
- (c) Type of Working : Opencast
- (d) Postal address
State : KARNATAKA
District : BAGALKOT
Village : CHIKKASHELLIKERI
Taluka : BADAMI
Post office : CHIKKASHELLIKERI
Pin Code : 587204
FAX No. :
E-mail : bagalkotchemicalindustries@
Phone : (08354) 240127, 220763
- (e) Police Station : Kaladgi
- (f) First opening date : 10/08/1978
2. Address for : Village:Chikkashellikeri,
correspondance Taluka:Bagalkot
Distt.:Bagalkot.
3. (a) Lease Number : KAR0021
(b) Lease area : 8.09
(c) Period of lease : 20
(d) Date of Expiry : 09/08/1998
4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : BAGALKOT CHEMICAL INDUSTRIES
'NANDI', NEAR WATER TANK,
BHAGWAN MAHAVIR ROAD,
BAGALKOT BAGALKOT KARNATAKA
Phone:08354-220763, 220898
FAX :

Owner : Smt.Bharati M.Hurakadli
'Nandi',Near Water Tank,
Sri Bhagavan Mahavir Road
Bagalkot. BAGALKOT
KARNATAKA
Phone: (08354) 220763(
FAX :

Mining Engineer

Name : N KUMAR, Full Time
Qualification : DIPLOMA MINING
Appointment/ : 15/03/2013
Termination date

Mining Engineer

Name : A KEDARESWARAPPA, Full Time
Qualification : Dip. In Mining, Foreman Certificate
Appointment/ : 01/06/2000 22/05/2005
Termination date

Manager

Name : B.R.GOPINATH
Qualification : DIP. IN ME AND FORMAN'S CERTIFICATE
Appointment/ : 30/06/2006 10/03/2013
Termination date

6. Date of approval of Mining : 26/03/2014
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	
Supervisory	1	
Others	0	
Ministrial	0	
Plant	0	
Workers	6	

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					
Health	0.00	0.00	0.00	0.00	
Medical facility	0.00	0.00	0.00	0.10	for employees.
Housing	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	
Sanitation	0.00	0.00	0.00	0.00	
Sub total	0.00	0.00	0.00	0.10	
Infrastructure					
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	
Public transport	0.00	0.00	0.00	0.00	
Sub total	0.00	0.00	0.00	0.00	
Others	0.00	0.00	0.00	0.25	for temple & jat
Employment	0.00	0.00	0.00	7.10	
Sports activities	0.00	0.00	0.00	0.00	
Environment management	0.00	0.00	0.00	0.05	for plantation
Recreation	0.00	0.00	0.00	0.00	
Total	0.00	0.00	0.00	7.50	

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

Previously the mine was inspected on 14.10.2013 by ACOM under MCDR and v/l was issued under rule 45(5)(b) & 42(1)(c)(ii) and same is complied on 4/02/2014. During present inspection v/l is given under rule 45(5)(b) of MCDR-88 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.

Action will be taken if non compliance of above said violation of MCDR rule.

5. Scientific Mining

Items	Proposal	Actual work done	Remarks
-------	----------	------------------	---------

A. Exploration (Rule 13)

a.Type of prospecting and exploration i.e. pitting, drilling	: 5 boreholes(Core) up to depth of 70m each are proposed for the fiscal year 2014-15.	No such drilling was commenced on the day of inspection & lessee is advised to commence the core drilling at the earliest.	Total five boreholes were drilled upto a depth of 150m(total) during the year 2-11-12.
b.Total area covered	: Entire area is covered (8.09Ha).	No exploration work was commenced on the day of inspection.	Earlier in the year 2011-12 five DTH holes are drilled covering an area of 1.00ha

B. Working (Rule 13)

a.Number and size of each pit (LxWxH)	: 275m(l) x 100m(w) x 14m(h)	320m(l) x 190m(w) x 22m(h)	Actual work done includes old working also.
b.Bench size(LxWxH)length can be defined as regular/irregular	: 275m x 6m(w) x 3m(h) Regular	240m(l) x 5m(w) x 3m(h) Regular	In northern side of the lease bench height is more than 3m.
c.Ore to waste ratio pit wise if possible otherwise for mine	: NIL	NIL	At present no waste generation in the mine.
d.Total area covered under excavation/pits	: 2.75ha (For the year 2014-15)	6.00 Ha (Total pit size)	Total pit size includes old workings also.

C. Waste disposal (Rule 13)

a.Location of dumps	: Not proposed.	Nil.	No waste generation in the mine.
e.Yearly generation of waste quantity.	: Nil.	Nil.	
b.Method of dumping whether advancing/retreat	: Not Proposed	Nil.	
c.Total area covered under waste dump.	: Nil.	Nil.	
d.No.and size of each waste dump with No of steps/lift/bench	: Nil.	Nil.	No waste generation in the mine.

D. Production

b. Year wise	: 2014-15	2014-15	For the year
production of last	58975 tons	22900 tons	2014-15
five year.	2013-14	2013-14	production
	59000 tons	18249.130 tons	figure taken
	2012-13	2012-13	upto October
	59000 tons	24950 tons	201 only.
	2011-12	2011-12	
	59000 tons	21,170 tons	
	2010-11	2010-11	
	59000 tons	10545 tons.	

D. Reserve

a. Reserve position as :	Classification	UNFC	Reserves as on
per latest MP/MS and	Code	Quantity in tons	1.11.2014
at the time of	Proved Reserves	111	
inspection.		302987	
	Probable Reserves	122	
		3077976	
	Inferred Resources	333	
		2575093	

RESERVE POSITION AS ON 01/04/2014

LIMESTONE		
Category	Quantity in Tonnes	Grade
Proved	325887	
Probable	3077976	
Possible	2575093	
Total	5978956	41.51 to 47.81 Cao

PRODUCTION FOR THE PREVIOUS YEAR 2013 - 2014

Mineral	Production	Unit
LIMESTONE	18249.13	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 benches in northern side & southern side & four benches in north-eastern side of the lease are developed in ore . And no waste benches are observed.

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
5		

OVERBURDEN HANDLED DURING PREVIOUS YEAR 2013 - 2014

Overburden/waste removed (in m3) :	0
------------------------------------	---

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 : Land is degraded by mining. In northern side benches are more than 3m height.
- c. Soil and land use pattern : No topsoil in the lease area.
- d. Agriculture : Sugarcane , Maize, Jowar are the major crops of the area.
- e. Forest (flora and fauna) : No forest with in the lease.
- f. Vegetation : In southern side of the lease area naturally grown bushes & shrubs are seen.
- h. Public building, places and monuments (protected, historical), places of worship and places of tourist : Nil.

B Water environment.

- a. Surface water : A seasonal nallah is flowing adjacent to the lease boundary in southern part of the lease.
- b. Ground water : Ground water is at the depth of 200-250ft. And ground water is encountered in the lease area.
- c. Quality of water : Ground water is potable & No analysis done.

C. Air environment

- a. Noise : Manual mines. Hence impact is negligible.
- b. Air : Manual mines. Hence impact is negligible.
- c. Climatic condition : The climate is warm and dry throughout the year and rain is scarce. The average rainfall in the region is approximately 350-400mm/annum.

D. Socio economic environment

- a. Social and demographic profile. : Total population of the Chikkashellikere village is 1900 & Literacy rate of the village is about 60-65%. Agriculture is the major occupation of the people of the area. Mining and cement industries provides employment in small scale.
- b. Recommending health and safety. : Primary health centre is located in the kaladgi village which is about 3-4 km from the lease area.
- c. Human settlement : No human settlement is found within the lease area, the nearest village is chikkashellikere which is 0.5 kms from 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	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.
Within lease area			Outside lease area			
Area	Trees planted	Survival rate	Area	Trees planted	Survival rate	
.03	75	50				

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.

Party has not produced annual returns for the scrutiny during the field visit , also not submitted annual return for the year 2013-14 and violation is issued for the same.

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.)

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 :

(KALMATA M.K.)

Indian Bureau of Mines