

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

MCDR INSPECTION REPORT

Goa regional office

Mine file No : KNT/NK/LSH-20/GOA

Mine code : 37KAR15017

- (i) Name of the Inspecting : **K02**) **KALMATA M.K.**
Officer and ID No.
- (ii) Designation : Senior Mining Geologist
- (iii) Accompanying mine : Suresh R Shanbhag
Official with
Designation
- (iv) Date of Inspection : 19/09/2013
- (v) Prev.inspection date : 04/09/2012

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **KODKANI (ML 2223)**
- (b) Category : B Manual
- (c) Type of Working : Opencast
- (d) Postal address
- State : KARNATAKA
- District : NORTH KANARA
- Village : KODAKANI
- Taluka : KUMTA
- Post office : KODAKANI
- Pin Code : 581438
- FAX No. :
- E-mail :
- Phone :
- (e) Police Station :
- (f) First opening date :
2. Address for correspondence : Kodakani Limeshell Mine of Shri S.R.Shanbag
Po-Kodakani
Tq-Kumata
3. (a) Lease Number : KAR0573
- (b) Lease area : 5
- (c) Period of lease : 20
- (d) Date of Expiry : 21/07/2014
4. Mineral worked : LIMESHELL Main

5. Name and Address of the

Lessee : S. R. SHANBAG
 Po-Kodakani Tq-Kumata
 NORTH KANARA KARNATAKA
 Phone:
 FAX :

Owner : S. R. SHANBAG
 Po- Kodakani Tq-Kumata
 Dist- North Kanara NORTH
 KANARA KARNATAKA
 Phone:
 FAX :

6. Date of approval of Mining : 05/07/2011
 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	0	0
Supervisory	0	0
Others	0	0
Ministrial	0	0
Plant	0	0
Workers	0	0

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	
Water supply	0.00	0.00	0.00	0.00	
Housing	0.00	0.00	0.00	0.00	
Medical facility	0.00	0.00	0.00	0.00	
Sanitation	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	
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	
Sub total	0.00	0.00	0.00	0.00	
Recreation	0.00	0.00	0.00	0.00	
Training	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	
Environment management	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 inspection	Violation pointed out	Compliance reported
04.09.2012	45(5)(a)&(b), 24(i)	NIL
19.09.2013	24(1), 12(3)	6.11.2013.

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.

5. Scientific Mining

Items	Proposal	Actual work done	Remarks
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D. Production

b.Year wise production of last five year.	: 2008-09 500 tons	2008-09
	2009-10 500 tons	2009-10 435 tons
	2010-11 500 tons	2010-11 492 tons
	2011-12 500 tons	2011-12 2317 tons
	2012-13 500 tons	2012-13 NIL

D. Reserve

a.Reserve position as : 11027 tonnes.
per latest MP/MS and
at the time of
inspection.

RESERVE FOR THE PREVIOUS YEAR /		-
Mineral	Production	

6. Conservation of Mineral - both quantitative and qualitative**Mineral Rule 15**

Number of benches in ore and waste : Since mining will be carried out in river no benches will form. the limeshell will be scooped with help of large elongated stemmed shovels.

Sub/grd mineral/fines (Rule16)

Number and size of each stack : NIL.

Total area covered for stacking : NIL.

Separate stacking from waste : There is no sub-grade generation. The limeshell extracted from this mine analysis more than 50% of Cao, which has market at present.

Location of stacking. : Not proposed.

Exploration data as on 31/03/

No. of Boreholes	No. of Pits	No. of Trenches

<u>OVERBURDEN HANDLED DURING PREVIOUS YEAR</u>	<u>-</u>

Utilisation of Sub Grade Mineral and Mineral Rejects

<u>Generated</u>	<u>Utilised</u>	<u>Stacked</u>	(In Ton.)

7. Environment Management - both quantitative and qualitativ**A. Land environment**

- a. Landscape. : The lease area is part of river bed of Tadari (Aghanashini).
- b. Aesthetic environment : Due to high tide the lease area was flooded with water.
- c. Soil and land use pattern : No top soil is available in the lease area.
- d. Agriculture : Paddy and Coconut are the major crops.
- e. Forest(flora and fauna) : There is no forest.
- f. Vegetation : there is no vegetation in the lease area.
- h. Public building, places and monuments (protected, historical), placec of worship and places of tourist : NIL

B Water environment.

- a. Surface water : River Aghanashini is running with in the lease area.
- b. Ground water : Small wells were digged for ground water. Water table is at 10-15ft only.
- c. Quality of water : The ground water of the area is potable.

C. Air environment

- a. Noise : Manual Mining.Hence impact is negligible.
- b. Air : Manual Mining.Hence impact is negligible.
- c. Climatic condition : In Summers in Kumta are Hot and Humid,due to its proximity to the sea. and temp will be 28 to 35 c and in winnter temp will be 19-25 c.The average rain fall of the area is 2800-3500mm/annum.

D. Socio economic environment

- a. Social and demographic profile. : Agriculture and Fishing is the main occupation of the people of the area.
- b. Recommending health and safety. : NIL
- c. Human settlement : No human settlement in 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.

<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>				
			-	

Area in Hect.

TOP SOIL MANAGEMENT
Quantity as on 31/03/

8. Scrutiny of annual returns on cost of production, reserve, production, pit mouth value, stock, land use pattern and fixed assets.

Annual Returns 2011-12:-

Cost of operation :Rs 635/ Metric tone

Reserves, : As on 1.4.2013

Proved :11027 tonnes

Probable : NIL

Possible : NIL

Total :11027 tonnes

Production, :2317

Pit mouth value, : Rs. 900-1550/Metric tone.

Opening stock, closing stock : OS:10 tons CS: 1827 tons.

Land use pattern : Area excavated: 0.525ha, Untouched area:2.475ha, Area under CRZ limit:2.00ha.

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