

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

MCDR INSPECTION REPORT

Goa regional office

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

Mine code : 54KAR15020

- (i) Name of the Inspecting : **K02**) **KALMATA M.K.**
Officer and ID No.
- (ii) Designation : Senior Mining Geologist
- (iii) Accompanying mine :
Official with
Designation
- (iv) Date of Inspection : 18/09/2013
- (v) Prev.inspection date : 04/09/2012

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **HARUMASKERI**
- (b) Category : B Manual
- (c) Type of Working : Opencast
- (d) Postal address
State : KARNATAKA
District : NORTH KANARA
Village : HARUMASKERI
Taluka : KUMTA
Post office :
Pin Code :
FAX No. :
E-mail :
Phone :
- (e) Police Station :
- (f) First opening date :
2. Address for : Shri A.R. Purushan,
correspondance : At &Po-Bankikodla-581319
Tq-Kumta, Dist-Uttar Kannada, Karnataka
3. (a) Lease Number : KAR1388
(b) Lease area : 20.23
(c) Period of lease : 20
(d) Date of Expiry : 15/07/2023
4. Mineral worked : SILICA SAND Main

5. Name and Address of the

Lessee : A. R. PURUSHAN
 At- Bankikodla Tq-Kumata
 Dist-North Kanara NORTH
 KANARA KARNATAKA
 Phone:08386-56507
 FAX :

Owner : A.R.PURUSHAN
 At-Bankikodla Tq-Kumata
 Dist-North Kanara NORTH
 KANARA KARNATAKA
 Phone: 08386-56507
 FAX :

6. Date of approval of Mining : 08/12/2008
 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					
Housing	0.00	0.00	0.00	0.00	
Water supply	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	
Medical facility	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	
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	
Recreation	0.00	0.00	0.00	0.00	
Sports activities	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	13(1),45(5)	a&b,42(1)(c)(ii)	-----
18.09.2013	24(1)	----	

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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A. Exploration (Rule 13)

a.Type of prospecting :
and exploration i.e.
pitting, drilling

No Proposals for
exploration

B. Working (Rule 13)

a.Number and size of :
each pit (LxWxH)

Pit No-1
180m x 20m x 5m (LxWxH)

Pit No-2
150m x 80m x 5m

Pit No-3
25 x 30m x 6m

d.Total area covered :
under excavation/pits

2.00ha

C. Waste disposal (Rule 13)

a.Location of dumps :

Not Proposed.

b.Method of dumping :
whether
advancing/retreat

NA.

D. Production

b.Year wise	: 2008-09	2008-0
production of last	10000 tons	
five year.	2009-10	2009-10
	10000 tons	5430 tons
	2010-11	2010-11
	10000 tons	490 tons(Based on MR)
	2011-12	2011-12
	10000 tons	5050 tons.
	2012-13	2012-13
	10000 tons	NIL

D. Reserve

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

457105 tonnes

~~PRODUCTION FOR THE PREVIOUS YEAR /~~

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Mineral

Production

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

Number of benches in ore and waste : No OB benches in sand deposits.

Percentage of recovery of ore : 95%
pitwise w.r.t. ROM and total material

Sub/grade mineral/fines (Rule 16)

Location of stacking. : There is no generation of Sub-grade mineral.

Exploration data as on 31/03/

No. of Boreholes

No. of Pits

No. of Trenches

OVERBURDEN HANDLED DURING PREVIOUS YEAR -**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. : It is part of Coastal land.& 500 to 600 mtrs from shoreline of Arabian Sea. Only sand dunes are seen in and around the area.
- b. Aesthetic environment : South western part of the lease is covered by coconut plantation and eastern part is degraded by mining.
- c. Soil and land use pattern : No top soil in the lease area.
- d. Agriculture : Paddy and coconut are major crops and land owners uses degrded land for Cultivation of vegetables.
- e. Forest(flora and fauna) : There is no forest.
- f. Vegetation : Coconut plantation is found with in lease area.
- h. Public building, places and monuments (protected, historical), placec of worship and places of tourist : NIL.

B Water environment.

- a. Surface water : No surface water 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 : 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 is the main occupation of the people of the area.
- b. Recommending health and safety. : NIL.
- c. Human settlement : 10 to 15 families are settled with 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

PLANTATION DURING THE PREVIOUS YEAR

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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,	: -----	
Reserves,	: As on 1.4.2013	
Proved		: 457105 tonnes
Probable		: NIL
Possible		: NIL
Total		:457105 tonnes
Production,	: 5050 tonnes	
Pit mouth value,	: -----	
Opening stock, closing stock	: OS:NIL CS: 246 tonnes.	

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