

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

**MCDR INSPECTION REPORT**

**Goa regional office**

**Mine file No :** KAR/BGK/LST--9/GOA

**Mine code :** 38KAR05011

- (i) Name of the Inspecting : **K03** ) **G. S. KANNAN**  
Officer and ID No.
- (ii) Designation : Junior Mining Geologist
- (iii) Accompanying mine : Shri.S.A.Mallakoppa, (U.R.B.Patil-Mines Manager)  
Official with  
Designation
- (iv) Date of Inspection : 27/04/2014
- (v) Prev.inspection date : 15/06/2001

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **JALIKATTI (ML. 2114)**
- (b) Category : B Manual
- (c) Type of Working : Opencast
- (d) Postal address
- State : KARNATAKA
- District : BAGALKOT
- Village : JALIKATTI
- Taluka : MUDHOL
- Post office : LOKAPUR
- Pin Code : 587122
- FAX No. : NIL
- E-mail : NIL
- Phone : 094481-25500
- (e) Police Station : LOKAPUR
- (f) First opening date : 09/12/1982
2. Address for : Lokapur Cement Ltd.  
correspondance At-Lokapur  
Tq-Mudhol, Dist-Bagalkot
3. (a) Lease Number : KAR0018
- (b) Lease area : 90.9
- (c) Period of lease : 20
- (d) Date of Expiry : 22/02/2001
4. Mineral worked : LIMESTONE Main

## 5. Name and Address of the

Lessee : LOKAPUR CEMENTS LTD.  
 LOKAPUR CEMENTS LTD, PO  
 LOKAPUR, TQ MUDHOL, DIST.  
 BAGALKOT, KARNATAKA BAGALKOT  
 KARNATAKA  
 Phone: 094481-25500  
 FAX : NIL

Owner : S.S.MALAGHANA  
 M.D., M/s LOKAPUR CEMENTS  
 LIMITED INDUSTRIAL ESTATE,  
 LOKAPUR TQ-MUDHOL BAGALKOT  
 KARNATAKA  
 Phone: 094481-25500  
 FAX :

## Mining Engineer

Name : S.D.NAIK, Full Time  
 Qualification : PUC, Mines Foreman Certificate  
 Appointment/ Termination date : 18/11/1998 30/03/2001

6. Date of approval of Mining Plan/Scheme of Mining : 16/08/2010

**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 |
|---------------------|------------------|-------------------------|
| <b>DIRECT</b>       |                  |                         |
| Managerial          | 0                | 0                       |
| <b>CONTRACT</b>     |                  |                         |
| Workers             | 0                | 0                       |
| Supervisory         | 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    |         |
| <b>General</b>                |                              |             |              |             |         |
| Water supply                  | 0.00                         | 0.00        | 0.00         | 0.00        |         |
| Housing                       | 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        |         |
| <b>Sub total</b>              | <b>0.00</b>                  | <b>0.00</b> | <b>0.00</b>  | <b>0.00</b> |         |
| <b>Infrastructure</b>         |                              |             |              |             |         |
| Public transport              | 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        |         |
| Roads                         | 0.00                         | 0.00        | 0.00         | 0.00        |         |
| <b>Sub total</b>              | <b>0.00</b>                  | <b>0.00</b> | <b>0.00</b>  | <b>0.00</b> |         |
| <b>Others</b>                 | <b>0.00</b>                  | <b>0.00</b> | <b>0.00</b>  | <b>0.00</b> |         |
| <b>Recreation</b>             | <b>0.00</b>                  | <b>0.00</b> | <b>0.00</b>  | <b>0.00</b> |         |
| <b>Training</b>               | <b>0.00</b>                  | <b>0.00</b> | <b>0.00</b>  | <b>0.00</b> |         |
| <b>Employment</b>             | <b>0.00</b>                  | <b>0.00</b> | <b>0.00</b>  | <b>0.00</b> |         |
| <b>Sports activities</b>      | <b>0.00</b>                  | <b>0.00</b> | <b>0.00</b>  | <b>0.00</b> |         |
| <b>Environment management</b> | <b>0.00</b>                  | <b>0.00</b> | <b>0.00</b>  | <b>0.00</b> |         |
| <b>Total</b>                  | <b>0.00</b>                  | <b>0.00</b> | <b>0.00</b>  | <b>0.00</b> |         |

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

Previously the Mine was inspected under Mining Scheme inspection on 2010. After that the mine was not inspected so far. Recently the mine was inspected under MCDR on 27.04.2014. Based on that following violation has been point out under rule 12(3),13(1),23B(3),23F(3),24(1),45(5)(a)&(b) and issued to the 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.**

The suspension of mining operations under rule 13(2) or prohibition of deployment of any person under rule 56 of MCDR, 1988 is not recommended right now; however if lessee failed to comply the violation of rule 13(1), action for imposing rule 13(2) will be initiated.

## 5. Scientific Mining

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

## A. Exploration (Rule 13)

|  |                                 |     |  |
|--|---------------------------------|-----|--|
| a.Type of prospecting and exploration i.e. pitting, drilling | : 49 Boreholes during 2010-2011 | Nil | No BH has been drilled against Proposal. |
| b.Total area covered   | : 75.25 Hectares                | Nil |  |

## B. Working (Rule 13)

|   |   |   |  |
|---|---|---|--|
| a.Number and size of each pit (LxWxH)                         | : As on Approved Plan:-<br>Both Pit:-1 & 2 is Merge with dimension as 350m x 250m x 4m<br>Pit:-2:-255m x 50-60m x 4-10m | As on Inspection:-<br>Pit:-1:-250m x 20-30m x 2-3m<br>Pit:-2:-255m x 50-60m x 4-10m | Pit depth has been increased, but the 1 & b has not been changed. It is same as Previous approved MS |
| b.Bench size(LxWxH)length can be defined as regular/irregular | : Regular   | Regular   |  |
| c.Ore to waste ratio pit wise if possible otherwise for mine  | : 1 : 0.11  | Nil   | Mines is not working from last 2 Years   |
| d.Total area covered under excavation/pits                    | : 2.184 + 6.410 = 8.594 Hectares  | 2.184 Hectares  | Mines has not moved to any additional area   |

## C. Waste disposal (Rule 13)

|  |  |     |  |
|--|--|-----|--|
| a.Location of dumps  | : Eastern side of Lease area E-000 to E-150 & N-000 to N-150 | Nil |  |
| e.Yearly generation of waste quantity.                       | : 10000 Tons/ year from 2009-2010 to 2013-2014               | Nil |  |
| b.Method of dumping whether advancing/retreat                | : Advancing  | Nil |  |
| c.Total area covered under waste dump.                       | : 0.925 Hectares   | Nil |  |
| d.No.and size of each waste dump with No of steps/lift/bench | : Single   | Nil |  |

## D. Production

|   |  |     |                      |
|---|--|-----|----------------------|
| b.Year wise production of last five year. | : 90000 Tons/ Year from 2009-2010 to 2013-2014 | Nil | No data is available |
|---|--|-----|----------------------|

## D. Reserve

|   |   |     |   |
|---|---|-----|---|
| a.Reserve position as per latest MP/MS and at the time of inspection. | : As per Approved Mining Scheme:-<br>Proved (111) = 6298019 Tons<br>Probale (121) | Nil | During Inspection, concern person not available, annual returns |
|---|---|-----|---|

4698692 Tons  
 Prefeasibility  
 (211) = 5103395  
 Tons

not submitted,  
 hence present  
 reserves not  
 able to find

**RESERVE POSITION AS ON 01/04/2014**

| <b>LIMESTONE</b> |                    |                          |
|------------------|--------------------|--------------------------|
| Category         | Quantity in Tonnes | Grade                    |
| Proved           | 10996711           | Cao--50.62%, Mgo--01.50% |
| Probable         | 8781127            | Cao--50.62%, Mgo--01.50% |
| Possible         |                    |                          |
| Total            | 19777838           | Cao--50.62%, Mgo--01.50% |

**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. : Nil

Efforts for improving percentage of recovery of ore. : Nil

**Mineral Rule 15**

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

Number of benches in ore and waste. : Single Bench in Ore & Waste

**Sub/grade mineral/fines (Rule 16)**

Qty of yearly generation and total qty available during inspection with grade : No Subgrade Mineral is being Generated

Number and size of each stack : No Subgrade Mineral is being Generated

Location of stacking. : No Subgrade Mineral is being Generated

Separate stacking from waste : No Subgrade Mineral is being Generated

Total area covered for stacking : 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****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 Terrain with rocky outcrops with top soil
- b. Aesthetic environment : Good Agricultural fertile Land
- c. Soil and land use pattern : Brownish soil is present all over the lease area
- d. Agriculture : Sugarcane, jawar, Chikku, and other fruits trees
- e. Forest(flora and fauna) : Non Forest area.
- f. Vegetation : Scanty bushes, mango and cashew & fruit plantation
- h. Public building, places and monuments (protected, historical), placec of worship and places of tourist : None is present nearer

**B Water environment.**

- a. Surface water : No source of surface water existing in ML area
- b. Ground water : No seepage of ground water observed,
- c. Quality of water : Nothing adverse is reported.

**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 Background exists in nearby villages/ area with main occupation of agriculture, Mining and animal rearing.
- b. Recommending health and safety. : Hospitals/Clinics are existing at Lokapur at 5km away from ML.
- c. Human settlement : The nearest village is Jallikatti & lokapur is about 3-5kms from the area
- d. Recreational facility. : Available at Lokapur taluka HQ.

**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.      |

| <u>TOP SOIL MANAGEMENT</u> |
|----------------------------|
|----------------------------|

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.

No Annual Returns has been submitted after 2010. After the Approval of Mining Scheme there is no correesponce with Lessee. During the Inspection also the Lessee is not Present.

**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.**

Mining Lease:- 1723  
Lease area:- 90.90 Hectares  
Lease Granted:- 23.02.1981  
Period of Lease:- 20 Years  
Date of Expiry :- 22.02.2001.

I Renewal Notification Issued on 22.05.2002, w.e.f.23.02.2001.  
Period of Grand : 20 years  
Till now the Lease is not execute.

Name of Lessee:- M/s.Lokapur Cements Ltd,  
Location:- Lokapur Village

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

I Renewal of Mining Lease, Notification was issued on 22.05.2002 w.e.f 23.02.2001, but till now the Lease is not executed. so far 14 years compelted.

**PART - IV : PROPOSALS FOR FURTHER ACTION FOR :**

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

Mining Scheme is valid upto 31.03.2014 only, For current scheme period, no plan was been submitted

**State Government (Illegal mining, mining dispute, infrastructure, Mineral based industry, Mineral policy, etc.)**

Boundary of lease pillars has not been made as per statute.  
Actions may be taken for the above issues.

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

Nil

Date :

(G. S. KANNAN)

Indian Bureau of Mines