

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

**MCDR INSPECTION REPORT**

**Jabalpur regional office**

**Mine file No :** MP/SATNA/LST-22

**Mine code :** 38MPR35167

- (i) Name of the Inspecting : **D014** ) **R.R.DONGRE**  
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : Shri K P Nigam & M.K Jain  
Official with  
Designation
- (iv) Date of Inspection : 14-JUL-15
- (v) Prev.inspection date : 29-AUG-06

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **GIRGITTA**
- (b) Category : A Fully Mechanised
- (c) Type of Working : Opencast
- (d) Postal address
- State : MADHYA PRADESH
- District : SATNA
- Village : GIRGITTA
- Taluka : MAIHAR
- Post office : MAIHAR
- Pin Code : 485771
- FAX No. : N. A.
- E-mail : N. A.
- Phone : N. A.
- (e) Police Station :
- (f) First opening date :
2. Address for : M/S KJS CEMENTS LTD.  
correspondance VILLAGE -. AMALIA, P.O. MAIHAR,  
DIST. SATNA (M.P.) 485771
3. (a) Lease Number : MPR0432
- (b) Lease area : 258.99
- (c) Period of lease : 20
- (d) Date of Expiry : 27-JAN-00
4. Mineral worked : LIMESTONE Main

## 5. Name and Address of the

Lessee : KJS CEMENTS LTD.  
 VILLAGE -. AMALIA, P.O.  
 MAIHAR SATNA MADHYA  
 PRADESH  
 Phone:07674- 232042, 232089  
 FAX :07674-232580

Owner : KJS CEMENTS LTD.  
 A-7, Maharani bag NEW DELHI  
 SATNA MADHYA PRADESH  
 Phone: NA  
 FAX : NA

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
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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>					
Medical facility	0.00	0.00	0.00	0.00	
Housing	0.00	0.00	0.00	0.00	mine is recently
Water supply	0.00	0.00	0.00	0.00	
Sanitation	0.00	0.00	0.00	0.00	
Health	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	
<b>Infrastructure</b>					
Sub total			0.00		
<b>Training</b>	0.00	0.00	0.00	0.00	
<b>Employment</b>	0.00	0.00	0.00	0.00	
<b>Total</b>	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.

In the current inspection violation of rule 13(1) and 45 (5) of MCDR 1988 were found violated which has been communicated to the lesee, same were rectified by the lesee.

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.

does not arise.

## 5. Scientific Mining

Items	Proposal	Actual work done	Remarks
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## A. Exploration (Rule 13)

a.Type of prospecting : 8 no of hole with nil due to the land  
and exploration i.e. the 30 m depth disput  
pitting, drilling each

b.Total area covered : NIL NIL

## B. Working (Rule 13)

a.Number and size of : 2.98 HECT 2.83 HECT  
each pit (LxWxH)

b.Bench : REGULAR REGULAR  
size(LxWxH)length can  
be defined as  
regular/irregular

c.Ore to waste ratio : 1:0.18 1:0.18  
pit wise if possible  
otherwise for mine

d.Total area covered : 26.49 HECT 26.49 HECT  
under excavation/pits

## C. Waste disposal (Rule 13)

a.Location of dumps : QUARRY BLOCK (A+B) QUARRY BLOCK (A+B)

e.Yearly generation : 79968 cum m of top 13325 cu m of top soil &  
of waste quantity. soil & 64335 cum 10722 cu m of OB  
of OB

b.Method of dumping : ADVANCING ADVANCING  
whether  
advancing/retreat

c.Total area covered : 8 HECT 7.6HECT  
under waste dump.

d.No.and size of each : TWO NO OF ACTIVE TWO NO OF ACTIVE DUMPS  
waste dump with No of DUMPS  
steps/lift/bench

## D. Production

b.Year wise : 796980 Mt 84750MT till june 2015 Mining scheme  
production of last is recently  
five year. approved and  
valid till sept  
2015

## D. Reserve

a.Reserve position as : 12129272MT 12129272MT  
per latest MP/MS and  
at the time of  
inspection.

<del>PRODUCTION FOR THE PREVIOUS YEAR</del>		-
Mineral	Production	

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

Efforts for improving low grade and sub grade mineral : There is no generation of sub grade mineral

Efforts for improving percentage of recovery of ore. : There is no generation of sub grade mineral

**Mineral Rule 15**

Percentage of recovery of ore pitwise w.r.t. ROM and total material : Percentage of recovery of ore was 85 %

Number of benches in ore and waste. : three benches in OB and four in ore

**Sub/grd mineral/fines (Rule16)**

Qty of yearly generation and total qty available during inspection with grade : There is no generation of sub grade mineral

Number and size of each stack : There is no generation of sub grade mineral

Location of stacking. : There is no generation of sub grade mineral

Separate stacking from waste : There is no generation of sub grade mineral

Total area covered for 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**GeneratedUtilisedStacked

(In Ton.)

## 7. Environment Management - both quantitative and qualitativ

### A. Land environment

- a. Landscape. : The lease area is almost flat having gentle slope towards north east.
- b. Aesthetic environment : good
- c. Soil and land use pattern : there is existance of top soil.the lease area is waste land and agriculture land.
- d. Agriculture : the lease area is waste land and agriculture land.
- e. Forest(flora and fauna) : the lease area is waste land and agriculture land and there is no forest land.
- f. Vegetation : There is no thicj vegetation only some small tiny vegetation exist in the area.
- h. Public building, places and monuments (protected, historical), placec of worship and places of tourist : nil

### B Water environment.

- a. Surface water : there is no surface water bodies.
- b. Ground water : lessee has not encountered the ground water table.
- c. Quality of water : Quality of water is potable.

### C. Air environment

- a. Noise : within permissible limit
- b. Air : within permissible limit
- c. Climatic condition : normal

### D. Socio economic environment

- a. Social and demographic profile. : The area is situated in the backword area of satna district and the common occupation is agriculture.
- b. Recommending health and safety. : not recommended
- c. Human settlement : not within the ML area but adjacent to area some human settlement came to notice.
- d. Recreational facility. : not provided by the leseee

#### 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.
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**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.

The annual return of 2013-14 were examined and violation in this regard were pointed out to the lesee.



**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.**

does not arise due to amendment of MMDR act 2015

**h. In case leases where the mineralisation tends to exhaust within the present period, the status of closing operation in phases and the special issues including human issues to be addressed at the time of closing of mine.**

does not arise due to amendment of MMDR act 2015

**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 :**

(R.R.DONGRE)

Indian Bureau of Mines