

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

**MCDR INSPECTION REPORT**

**Bhubaneshwar regional office**

**Mine file No :** ORI/LST-DOL/SNG/MCDR-8/BBS

**Mine code :** 19ORI13012

- (i) Name of the Inspecting : **AR** ) **SHRI PREM PRAKASH**  
Officer and ID No.
- (ii) Designation : Sr. Asst. Contrl. Mines
- (iii) Accompanying mine :  
Official with  
Designation
- (iv) Date of Inspection : 26/06/2013
- (v) Prev.inspection date : 12/09/2005

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **BANRAI**
- (b) Category : B Manual
- (c) Type of Working : Opencast
- (d) Postal address  
State : ORISSA  
District : SUNDARGARH  
Village : BANRAI  
Taluka : BIRMITRAPUR  
Post office : KUNDRA  
Pin Code :  
FAX No. :  
E-mail :  
Phone :
- (e) Police Station :
- (f) First opening date : 01/04/1989
2. Address for : VILL-BANARAI  
correspondance PO-KAMARDA  
DIST-SUNDERGARH
3. (a) Lease Number : ORI0012  
(b) Lease area : 163.47  
(c) Period of lease : 20  
(d) Date of Expiry : 23/03/2004
4. Mineral worked : LIMESTONE Associated  
DOLOMITE Main

## 5. Name and Address of the

Lessee : SALIGRAM KHIRWAL  
 SENTOLA PO-CHAIBASA  
 SINGHBHUM (WEST) JHARKHAND  
 Phone:  
 FAX :

Owner : SALIGRAM KHIRWAL  
 SENTOLA PO-CHAIBASA  
 SINGHBHUM (WEST) JHARKHAND  
 Phone:  
 FAX :

6. Date of approval of Mining : 09/06/2010  
 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**

<b>Employment category</b>	<b>No.of employment</b>	<b>Av. yearly working days</b>
<b>DIRECT</b>		
<b>Others</b>	<b>0</b>	<b>0</b>

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					
Infrastructure					
Sub total					
Sub total					
Others	0.00	0.00	0.00		Mine reported Te
Total	0.00	0.00	0.00		

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

No outstanding violation. During current inspection, violation of Rule 13(1) of MCDR, 1988 observed & being communicated to the party.

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.

Not recommended at present.

**5. Scientific Mining**

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

**A. Exploration (Rule 13)**

a.Type of prospecting : Nil and exploration i.e. pitting, drilling	Nil	Mine reported temp. closed since 10.11.2009 vide DDM letter 7.11.2009 for want of statutory clearance.
--	-----	--

**B. Working (Rule 13)**

b.Bench : regular size(LxWxH)length can be defined as regular/irregular	Nil	
a.Number and size of : One main pit each pit (LxWxH)	Nil	
d.Total area covered : not specified for under excavation/pits a year	NIL	Mine reported temp. closed since 10.11.2009 vide DDM letter 7.11.2009 for want of statutory clearance.

**C. Waste disposal (Rule 13)**

a.Location of dumps : at existing dump	NIL	
e.Yearly generation : 64296 m3 of waste quantity.	Nil	Mine reported temp. closed since 10.11.2009

**D. Reserve**

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

**RESERVE POSITION AS ON 01/04/2013****PRODUCTION FOR THE PREVIOUS YEAR 2012 - 2013**

Mineral	Production	Unit
DOLOMITE	0	TON

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

Efforts for improving low grade and sub grade mineral. : NA

Efforts for improving percentage of recovery of ore. : NA

**Mineral Rule 15**

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

Number of benches in ore and waste. : 2 nos. & 1 no.

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

Qty of yearly generation and total qty available during inspection with grade : NA

Separate stacking from waste : NA

**Exploration data as on 31/03/ 2013**

No. of Boreholes

No. of Pits

No. of Trenches

**OVERBURDEN HANDLED DURING PREVIOUS YEAR 2012 - 2013****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 area  
 b. Aesthetic environment : OK  
 c. Soil and land use : NA  
 pattern  
 d. Agriculture : NA  
 h. Public building, places : not nearby Qry.  
 and monuments (protected,  
 historical), placec of  
 worship and places of  
 tourist

**B Water environment.**

- a. Surface water : No mining operation, hence adverse impact minimal.

**C. Air environment**

- a. Noise : No mining operation, hence adverse impact minimal.  
 c. Climatic condition : Sub-tropical  
 b. Air : No mining operation, hence adverse impact minimal.

**D. Socio economic environment**

- a. Social and demographic : mostly tribal area  
 profile.  
 c. Human settlement : nearby villages  
 b. Recommending health and : No mining operation, hence adverse impact minimal.  
 safety.  
 d. Recreational facility. : No Recreational facility observed

**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>2012 - 2013</u>
	Area in Hect.

<u>TOP SOIL MANAGEMENT</u>
Quantity as on 31/03/2013

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

Annual Return for the year 2012-13 has not been submitted till the date of inspection, due dt. up to 1st July '2013.

Also, Mine reported non-working since 2009 .

**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 :**

**(SHRI PREM PRAKASH)**

Indian Bureau of Mines