

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

MCDR INSPECTION REPORT

Bhubaneshwar regional office

Mine file No : ORI/L.ST-DOL/SNG/MCDR-02/BBS

Mine code : 38ORI13043

- (i) Name of the Inspecting : **SQ24**) **DR. M K SOMANI**
Officer and ID No.
- (ii) Designation : Senior Mining Geologist
- (iii) Accompanying mine : **BALWANT SINGH, REPRESENTATIVE**
Official with
Designation
- (iv) Date of Inspection : 03/06/2013
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **BIMTA LIMESTONE & DOLOMIT**
- (b) Category : B Manual
- (c) Type of Working : Opencast
- (d) Postal address
State : ORISSA
District : SUNDARGARH
Village :
Taluka :
Post office :
Pin Code :
FAX No. :
E-mail :
Phone :
- (e) Police Station :
- (f) First opening date :
2. Address for :
correspondance
3. (a) Lease Number : ORI0994
(b) Lease area : 42.15
(c) Period of lease : 20
(d) Date of Expiry : 29/11/1991
4. Mineral worked : LIMESTONE Main

5. Name and Address of the
 Lessee : M/S Rasikhal
 AT; Bimta PO ; Hathibari
 SUNDARGARH ORISSA
 Phone:
 FAX :
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
DIRECT		
Managerial	0	0
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	
General					
Infrastructure					
Sub total					
Sub total					
Total					

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

VIOLATION FOR RULE, 24, 45(1)(b), AND 46 IS BEING POINTED OUT.

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

5. Scientific Mining

Items	Proposal	Actual work done	Remarks
A. Exploration (Rule 13)			
a.Type of prospecting and exploration i.e. pitting, drilling	: DRILLING- 15 BORE HOLES		NIL, AS THE MINE IS CLOSED FOR WANT OF STATUTORY CLEARANCES.
b.Total area covered	: NOT SPECIFIED		NIL, AS THE MINE IS CLOSED FOR WANT OF STATUTORY CLEARANCES.
B. Working (Rule 13)			
a.Number and size of each pit (LxWxH)	: 1300Sq. m		NIL, AS THE MINE IS CLOSED FOR WANT OF STATUTORY CLEARANCES.
b.Bench size(LxWxH)length can be defined as regular/irregular	: 5X6M		NIL, AS THE MINE IS CLOSED FOR WANT OF STATUTORY CLEARANCES.
c.Ore to waste ratio pit wise if possible otherwise for mine	: 1:0.078		NIL, AS THE MINE IS CLOSED FOR WANT OF STATUTORY CLEARANCES.
d.Total area covered under excavation/pits		310X110X15M	
C. Waste disposal (Rule 13)			
a.Location of dumps	:		NIL, AS THE MINE IS CLOSED FOR WANT OF STATUTORY CLEARANCES.
e.Yearly generation of waste quantity.	: 4358M3		NIL, AS THE MINE IS CLOSED FOR WANT OF STATUTORY CLEARANCES.
b.Method of dumping whether advancing/retreat	:		NIL, AS THE MINE IS CLOSED FOR WANT OF STATUTORY CLEARANCES.
c.Total area covered under waste dump.	:		NIL, AS THE MINE IS CLOSED FOR WANT OF STATUTORY CLEARANCES.
d.No.and size of each waste dump with No of steps/lift/bench	:		NIL, AS THE MINE IS CLOSED FOR WANT OF STATUTORY CLEARANCES.
D. Production			
b.Year wise production of last five year.	: 55785.6 TONNES		NIL, AS THE MINE IS CLOSED FOR WANT OF STATUTORY CLEARANCES.
D. Reserve			
a.Reserve position as per latest MP/MS and at the time of		111--2119941 TONNES 122--843617 TONNES 211--902753 TONNES	

inspection.

222--532393 TONNES

333--688005 TONNES

RESERVE POSITION AS ON 01/04/2013

LIMESTONE		
Category	Quantity in Tonnes	Grade
Proved	2119941	CaO-46.16, MgO-1.7
Probable	843617	CaO-46.16, MgO-1.7
Possible	2123151	CaO-46.16, MgO-1.7
Total	5086709	

PRODUCTION FOR THE PREVIOUS YEAR 2012 - 2013

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. : SORTING

Efforts for improving percentage of recovery of ore. : NIL, AS THE MINE IS CLOSED FOR WANT OF STATUTORY CLEARANCES.

Mineral Rule 15

Percentage of recovery of ore pitwise w.r.t. ROM and total material : 94%

Number of benches in ore and waste. : ORE 3 BENCHES OF 5M

Sub/grd mineral/fines (Rule16)

Qty of yearly generation and total qty available during inspection with grade : NIL, AS THE MINE IS CLOSED FOR WANT OF STATUTORY CLEARANCES.

Number and size of each stack : NIL, AS THE MINE IS CLOSED FOR WANT OF STATUTORY CLEARANCES.

Location of stacking. : NONE, AS THE MINE IS CLOSED FOR WANT OF STATUTORY CLEARANCES.

Separate stacking from waste : YES

Total area covered for stacking : NIL, AS THE MINE IS CLOSED FOR WANT OF STATUTORY CLEARANCES.

Exploration data as on 31/03/ 2013

No. of Boreholes	No. of Pits	No. of Trenches
12		

OVERBURDEN HANDLED DURING PREVIOUS YEAR 2012 - 2013

Overburden/waste removed (in m3) : 0

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. : GOOD
- b. Aesthetic environment : GOOD
- c. Soil and land use : NIL,
pattern PIT-3.41HA
- d. Agriculture : NIL.
- e. Forest (flora and fauna) : NIL,
- f. Vegetation : NIL, .
- h. Public building, places : NIL,
and monuments (protected,
historical), placec of
worship and places of
tourist

B Water environment.

- a. Surface water : A PERINNIAL NALLAH FLOWS IN THE AREA.
- b. Ground water : 3 TO 12M
- c. Quality of water : POTABLE

C. Air environment

- a. Noise : NOT MONITORED AS THE MINE IS CLOSED.
- b. Air : NOT MONITORED AS THE MINE IS CLOSED.
- c. Climatic condition : TROPICAL

D. Socio economic environment

- a. Social and demographic :
profile.
- b. Recommending health and :
safety.
- c. Human settlement : NIL.
- d. Recreational facility. : NONE

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.

NOT SUBMITTED

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.)

NONE

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

NONE

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

NONE

Date :

(DR. M K SOMANI)

Indian Bureau of Mines