

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

MCDR INSPECTION REPORT

Bhubaneshwar regional office

Mine file No : ORI/IRON/SNG/MCDR-20/BBS

Mine code : 30ORI13043

- (i) Name of the Inspecting : **DEY**) **NARENDRA MOHAN DEY**
Officer and ID No.
- (ii) Designation : Assistant Mining Engineer
- (iii) Accompanying mine :
Official with
Designation
- (iv) Date of Inspection : 05/06/2015
- (v) Prev.inspection date : 20/08/2010

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **BHANJPALI**
- (b) Category : A Other than Fully Mech.
- (c) Type of Working : Opencast
- (d) Postal address
State : ORISSA
District : SUNDARGARH
Village : BHANJPALI
Taluka : BONAI
Post office : KOIRA
Pin Code : 758038
FAX No. :
E-mail :
Phone : 06625-235186
- (e) Police Station :
- (f) First opening date : 01/10/1997
2. Address for : VILL. BHANJAPALI, PO. KOIRA
correspondance : DIST. SUNDARGARH, ORISSA
PIN. 770048
3. (a) Lease Number : ORI0615
(b) Lease area : 18
(c) Period of lease : 30
(d) Date of Expiry : 31/03/2027
4. Mineral worked : IRON ORE Main

5. Name and Address of the

Lessee : J.N.PATNAIK
 BONAIKELA(JODA) KEONJHAR
 ORISSA
 Phone:72001,72101(JODA), 3332(KJR),419734(BBSR)
 FAX :72066

Owner : J.N.PATNAIK
 BONAIKELA(JODA) KEONJHAR
 ORISSA
 Phone: 72001,72101JODA
 FAX :

Mining Engineer

Name : RAJEEV THAKUR,Full Time
 Qualification : B TECH MINING
 Appointment/ : 01/12/2002
 Termination date

Mining Engineer

Name : A.K.PRADHAN,Full Time
 Qualification : A.M.I.E
 Appointment/ : 15/10/0002
 Termination date

Geologist

Name : B.MOHAPATRA,Full Time
 Qualification : M SC GEOLOGIST
 Appointment/ : 01/09/2002
 Termination date

Geologist

Name : H.K.SAHU,Full Time
 Qualification : MSC GEOLOGIST
 Appointment/ : 01/02/0002
 Termination date

Manager

Name : P.K.SATPATHY
 Qualification :
 Appointment/ : 01/10/1997
 Termination date

6. Date of approval of Mining : 07/03/2011
 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		
Supervisory	4	
Managerial	2	

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	3.00	4.00	1.00	0.00	MINING OPERATION
Safety	0.30	0.40	0.30	0.20	SINCE 13.08.2010
Sub total	3.30	4.40	1.30	0.20	
Infrastructure					
Sub total			4.40		
Sports activities	0.20	0.20	0.40		
Total	3.50	1.50	4.80	0.20	

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

VIOLATIONS UNDER RULE 33(2), 23 E (2) AND RULE 47 WERE POINTED OUT TO THE LESSEE ON 28.11.2012 ON THE BASIS OF INSPECTION ON 29.09.2012. PARTY HAS REPLIED VIDE THEIR LETTER DATED 24.12.2012 AND INFORMED THAT THE MINE IS UNDER SUSPENSION BY DDM, KOIRA SINCE 13.08.2010 AND THE VIOLATIONS WOULD BE RECTIFIED / COMPLIED ONLY AFTER REVOCATION OF SUSPENSION ORDER / RE-OPENING OF THE MINE.

OUTSTANDING VIOLATIONS NOT RECTIFIED.

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, 19888, if recommended.

5. Scientific Mining

Items	Proposal	Actual work done	Remarks
A. Exploration (Rule 13)			
a.Type of prospecting : and exploration i.e. pitting, drilling		30 NUMBER OF DTH BOREHOLES CARRIED OUT	
b.Total area covered :			
B. Working (Rule 13)			
d.Total area covered : under excavation/pits		9.428 HA	MINING OPERATION HAS BEEN SUSPENDED SINCE 13.08.2010 BY DDM KOIRA FOR WANT OF EC
C. Waste disposal (Rule 13)			
a.Location of dumps :		CLOSE TO QUARRY NO.2 ON NON-MINERALISED LAND	
b.Method of dumping : whether advancing/retreat		ADVANCING	
e.Yearly generation : of waste quantity.		SINCE LAST 5 YEARS MINE IS UNDER SUSPENSION.	
c.Total area covered : under waste dump.		2.0 HA	
d.No.and size of each : waste dump with No of steps/lift/bench		ONE DUMP 5 BENCHES WITH 6 M HEIGHT	
D. Production			
b.Year wise : production of last five year.		NO PRODUCTION DURING LAST FIVE YEARS.	MINING OPERATION HAS BEEN SUSPENDED SINCE 13.08.2010 BY DDM, KOIRA FOR WANT OF E. C.
D. Reserve			
a.Reserve position as : per latest MP/MS and at the time of inspection.		RESERVE POSITION AS PER LATEST SCHEME OF MINING APPROVED ON 04.07.2014 AND AT THE TIME OF INSPECTION IS AS FOLLOWS: AS PER UNFC 121: 2049180 MT	MINING OPERATION HAS BEEN SUSPENDED SINCE 13.08.2010 BY DDM, KOIRA FOR WANT OF E C.

221 : 352800 MT

222 : 155526 MT

TOTAL
2769480 MT**RESERVE POSITION AS ON 01/04/2015****IRON ORE**

Category	Quantity in Tonnes	Grade
Proved	0	
Probable	2261154	AS PER UNFC (121:2049180MT + 122: 211974 MT)
Possible	508326	AS PER UNFC (221: 3525800 + 222: 155526MT)
Total	2769480	

PRODUCTION FOR THE PREVIOUS YEAR 2014 - 2015

Mineral	Production	Unit
IRON ORE	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 AND SIZING

Efforts for improving percentage of recovery of ore. : SORTING AND SIZING

Mineral Rule 15

Number of benches in ore and waste. : NUMBER OF BENCHES IN ORE 6 AND IN WASTE 6

Sub/grd mineral/fines (Rule16)

Qty of yearly generation and total qty available during inspection with grade : SINCE LAST 5 YEARS MINE IS UNDER SUSPENSION. TOTAL QUANTITY AVAILABLE DURING INSPECTION 26000 CUMT.

Total area covered for stacking : 10310 SQMT

Separate stacking from waste : YES

Number and size of each stack : ONE

Exploration data as on 31/03/ 2015

No. of Boreholes	No. of Pits	No. of Trenches
30		

OVERBURDEN HANDLED DURING PREVIOUS YEAR 2014 - 2015

Overburden/waste removed (in m3) :	0
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Utilisation of Sub Grade Mineral and Mineral Rejects

Generated	Utilised	Stacked	(In Ton.)

7. Environment Management - both quantitative and qualitativ**A. Land environment**

h. Public building, places : NO MONUMENT, PLACE OF TOURIST ETC
and monuments (protected,
historical), placec of
worship and places of
tourist

d. Agriculture : NO AGRICULTURAL LAND INSIDE LEASE.

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>2014 - 2015</u>
	Area in Hect.

<u>TOP SOIL MANAGEMENT</u>
Quantity as on 31/03/2015

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 2014-15 HAS BEEN RECEIVED.

NO PRODUCTION

COST OF PRODUCTION NIL

PIT MOUTH VALUE NIL

MINE IS UNDER SUSPENSION SINCE 13.08.2010 BY DDM, KOIRA FOR WANT OF E C.

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.

BOUNDARY PILLARS ARE NOT CONSTRUCTED AND MAINTAINED AS PER CCOM CIRCULAR NO.2/2010 AND ITS SUBSEQUENT ADDENDUM DATED 21.09.2011..

SCHEME OF MINING APPROVED ON 04.07.2014 FOR THE PERIOD 2012-13 TO 2016-17.

PRESENTLY MINING OPERATION HAS BEEN SUSPENDED SINCE 13.08.2010 BY DDM, KOIRA FOR WANT ENVIRONMENT CLEARANCE.

THE STATE GOVT. HAS DECLARED THAT THE LEASE HAS STOOD LAPSED WITH EFFECT FROM 14.08.2012 VIDE THEIR LETTER NO.7774/IV(B)SM-17/2012/S&M DATED 18.08.2015.

PART - IV : PROPOSALS FOR FURTHER ACTION FOR :

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

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

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

Date :

(NARENDRA MOHAN DEY)

Indian Bureau of Mines