

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

MCDR INSPECTION REPORT

Bhubaneshwar regional office

Mine file No : ORI/MN/KJR/MCDR-15/BBS

Mine code : 40ORI08043

- (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 : 15/07/2014
- (v) Prev.inspection date : 11/05/2009

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **PAREDIPADA**
- (b) Category : B Manual
- (c) Type of Working : Opencast
- (d) Postal address
- State : ORISSA
- District : KEONJHAR
- Village : PAREDIPADA
- Taluka : BARBIL
- Post office : GUALI
- Pin Code : 751022
- FAX No. : 06767-73338
- E-mail :
- Phone : 06767-72326
- (e) Police Station :
- (f) First opening date : 27/07/1991
2. Address for : VILL-PAREDIPADA
correspondance PO-GUALI
DIST-KEONJHAR
3. (a) Lease Number : ORI0210
- (b) Lease area : 12.6
- (c) Period of lease : 20
- (d) Date of Expiry : 11/06/2010
4. Mineral worked : IRON ORE Associated
MANGANESE ORE Main

5. Name and Address of the

Lessee : SRI K.C PRADHAN
 PLOT-1262 ROAD UNIT -IX
 BHUBANESWAR KHURDA ORISSA
 Phone:(0674)402078, 402099
 FAX :(0674)412794

Owner : M/S.K.C.Pradhan.
 PLOT - 1262 ROAD -8 UNIT IX
 BHUBANESWAR KEONJHAR ORISSA
 Phone: (0674)402078. 4
 FAX : (0674)412794

Agent : Sri Siddartha Pradhan
 KHURDA ORISSA
 Phone:
 FAX :

Mining Engineer

Name : ARUN KUMAR MAHARANA,Full Time
 Qualification : Dip in Mining Engg
 Appointment/ :
 Termination date

Geologist

Name : BALARAM SWAIN,Full Time
 Qualification : M.SC (GEOLOGY)
 Appointment/ :
 Termination date

Manager

Name : P.C.MAJHI
 Qualification : Arts graduate
 Appointment/ :
 Termination date

6. Date of approval of Mining : 16/09/2010
 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

Employment category	No.of employment	Av. yearly working days
DIRECT		
Others	3	305

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					
Water supply			3.20		MINE IS NON-WORK
Housing			3.35		
Sanitation			1.71		BY STATE GOVT.
Health			0.78		
Sub total			9.04		
Infrastructure					
Electricity			3.80		
Sub total			3.80		
Others			2.05		
Recreation			2.72		
Environment management			2.20		
Training			0.42		
Total			20.23		

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

NO OUTSTANDING VIOLATION OF RULES.

HOWEVER, THE VIOLATION CUM SHOW-CAUSE NOTICE POINTED OUT ON 03.09.2014 ON THE BASIS OF CURRENT INSPECTION, REPORTED COMPLIANCE HAS BEEN RECEIVED ON 25.09.2014, THE PARTY HAS INFORMED THAT THE VIOLATION LIKE RETAINING WALL, GARLAND DRAIN, CHECK DAM AND SETTLING TANK WOULD BE COMPLIED / COMPLETED ON RECEIPT OF ENVIRONMENTAL CLEARANCE.

PRESENTLY MINE IS NON-WORKING SINCE 08.01.2010 FOR WANT OF E C E BY STATE GOVT.

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
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B. Working (Rule 13)

d.Total area covered : 2.8 HA
under excavation/pits

a.Number and size of : MAIN PIT : 92 X 58 X 10 MINE IS NOT IN
each pit (LxWxH) M OPERATION SINCE
TOP PIT : 94 X 48 X 20 08.01.2010 FOR
M WANT OF E C ETC
BY STATE GOVT.

C. Waste disposal (Rule 13)

b.Method of dumping : ADVANCE
whether
advancing/retreat

a.Location of dumps : NON- MINERALISED

c.Total area covered : 1.86 HA
under waste dump.

e.Yearly generation : MINE IS NON- WORKING
of waste quantity. SINCE 08.01.2010 FOR
WANT OF E C ETC BY STATE
GOVT.

d.No.and size of each : DUMP NO.1 :. 2925 SQ M,
waste dump with No of HEIGHT 6 M ANGLE 60
steps/lift/bench DEGREE
DUMP NO.2 : 504 SQ M,
HEIGHT 3 M, ANGLE 60
DEGREE
DUMP NO.3 : 2125 SQ M,
HEIGHT : 3 M , ANGLE 60
DEGREE

D. Production

b.Year wise : MINE IS NON- WORKING
production of last SINCE 08.01.2010 FOR
five year. WANT OF EC ETC BY STATE
GOVT.

D. Reserve

a.Reserve position as : RESERVE POSITION AS PER MINE IS NOT IN
per latest MP/MS and LATEST MINING PLAN OPERATION SINCE
at the time of APPROVED ON 16.09.2010 08.01.2010 BY
inspection. VALID UPTO 2014-15 AND STATE GOVT FOR
IS AS FOLLOWS : WANT OF E C ETC
PROVED : 258258
TONNE > 25% MN + 193695
TONNE >10 TO 25 % MN
PROBABLE : 82290 TONNE
> 25% MN + 61716 TONNE
>10 TO 25 % MN
POSSIBLE : 69420

TONNE > 25% MN + 52065
 TONNE >10 TO 25% MN
 TOTAL : 409968
 TONNE > 25 % MN + 307476
 TONNE > 10 TO 25 % MN

RESERVE POSITION AS ON 01/04/2014

MANGANESE ORE		
Category	Quantity in Tonnes	Grade
Proved	446953	258258 T + 25% AND 193695 T +10% TO 25% MN
Probable	144006	82290 T +25% AND 61716 T +10% TO 25% MN
Possible	121485	69420 T +25% AND 52065T +10% TO 25% MN
Total	712444	

PRODUCTION FOR THE PREVIOUS YEAR 2013 - 2014

Mineral	Production	Unit
MANGANESE ORE	11.5	TON

6. Conservation of Mineral - both quantitative and qualitative**Mineral Rule 15**

Number of benches in ore and waste. : MAIN PIT :
 NUMBER OF BENCHES IN ORE : 4 AND IN WASTE: 1
 TOP PIT :
 NUMBER OF BENCHES IN ORE 5 AND IN WASTE : 1

Sub/grd mineral/fines (Rule16)

Qty of yearly generation and total qty available during inspection with grade : MINE IS NON-WORKING SINCE 08.01.2010 FOR WANT OF E C ETC BY STATE GOVT.

Exploration data as on 31/03/ 2014

No. of Boreholes	No. of Pits	No. of Trenches
33		

OVERBURDEN HANDLED DURING PREVIOUS YEAR 2013 - 2014

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

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.
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<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.

ANNUAL RETURN FOR THE YEAR 2013-14 WAS SCRUTINISED.

PRODUCTION : 11.500 TONNE

CLOSING STOCK : 1376.698 TONNE

MINE IS NON-WORKING SINCE 08.01.2010 FOR WANT OF E C BY STATE GOVT.

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 WAS GRANTED ON 12.06.1990 FOR 20 YEARS OVER AN AREA 12.60 HA , DATE OF EXPIRY OF M L 11.06.2010.

BOUNDARY PILLARS ARE NOT CONSTRUCTED AND MAINTAINED AS PER CCOM CIRCULAR NO.02.2010 AND ITS ADDENDUM. CORNER PILLARS ARE NOT PYRAMID SHAPED.

MINING PLAN APPROVED ON 16.09.2010 VALID UPTO 2014-15.

PRESENTLY MINE IS NON-WORKING SINCE 08.01.2010 FOR WANT OF E C ETC BY STATE GOVT.

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

VIOLATION CUM SHOW CAUSE NOTICE WAS ISSUED TO THE THE LESSEE ON 03.09.2014.

REPORTED COMPLIANCE HAS BEEN RECEIVED ON 25.09.2014,

PARTY HAS INFORMED THAT THEY ARE WAITING FOR ENVIRONMENTAL CLEARANCE.

AS SOON AS CLEARANCE IS OBTAINED, THE VIOLATION CUM SHOW CAUSE WILL BE COMPLIED i.e RETAINING WALL, .GARLAND DRAIN, CHECK DAMP AND SETTLING TANK WILL BE CONSTRUCTED. .

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.)

STATE GOVT.IS REQUESTED TO ENSURE FIXING OF BOUNDARY PILLARS AROUND THE LEASE ARE. DATE OF EXPIRY OF M L WAS 11.06.2010. RML APPLIED BY THE . STATUS NOT KNOWN.

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

Date :

(NARENDRA MOHAN DEY)

Indian Bureau of Mines