

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

MCDR INSPECTION REPORT

Bhubaneshwar regional office

Mine file No : ORI/IRON/KJR/MCDR-7/BBS

Mine code : 30ORI08004

- (i) Name of the Inspecting : 25) SHRI IBRAHIM SARIF
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine :
Official with
Designation
- (iv) Date of Inspection : 22/02/2016
- (v) Prev.inspection date : 15/03/2012

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **BALDA PALSA JAJUNG**
- (b) Category : A Other than Fully Mech.
- (c) Type of Working : Opencast
- (d) Postal address
State : ORISSA
District : KEONJHAR
Village : BALDA PALSA JAJUNG
Taluka : BARBIL
Post office : JAJANG
Pin Code : 758034
FAX No. :
E-mail :
Phone : 06767-79318
- (e) Police Station :
- (f) First opening date : 27/02/1970
2. Address for : BALDA PALSA JAJANG IRON MINE, M/S OMC LTD
correspondance P.O.JAJANG, DIST:KEONJHAR
ORISSA-758034
3. (a) Lease Number : ORI0087
(b) Lease area : 861.52
(c) Period of lease : 30
(d) Date of Expiry : 26/02/2000
4. Mineral worked : IRON ORE Main

5. Name and Address of the

Lessee : M/S Orissa Mining Corporation Ltd
P.O.NO.34 OMC House
Bhubaneswar KHURDA ORISSA
Phone:
FAX :

Owner : m/s ORISSA MINING CORPORATION LTD
OMC HOUSE P.B.No.34
BHUBNESHWAR ORISSA
Phone:
FAX :

Agent : P.K.BHATTACHARYA
Sr. MANAGER, M/S OMC LTD
BARBIL DIST-KEONJHAR
KEONJHAR ORISSA
Phone: 06767-75253
FAX :

Mining Engineer

Name : JOGESWAR MOHANTY, Full Time
Qualification : BE MINING
Appointment/ :
Termination date

Geologist

Name : D.K.PATTANAIK, Part Time
Qualification : M.Sc (GEOLOGY)
Appointment/ :
Termination date

Manager

Name : N.K.SAHOO
Qualification :
Appointment/ :
Termination date

6. Date of approval of Mining : 04/02/2011
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		
Managerial	3	309
Supervisory	5	
Others	15	
Ministrial	1	
Workers	47	

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 of rule 12(2) and (3) of MCDR 1988 was pointed out to the party vide this office letter no. T/MP-MS/BBS-2014-15 Dated 05.12.2014 for not submitting scheme of mining within 120 days before expiry of earlier approved proposals.

Party has requested extension of time for 5 (Five) years under rule 11(2)(c) of MCDR 1988 vide letter no.90 PMC/OMC/2015 dated 03.01.2015 addressing to COM9CZ).

At present the lease area has not valid approved proposals in the form of Scheme of Mining/ Mining plan, hence the earlier violation is continuing in respect of the mine.c

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
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B. Working (Rule 13)

a.Number and size of each pit (LxWxH)	Deposit II Chadakmara Qry: 275S-450E/50E- 250W, 24 Mtr Deposit VII Jajang Qry: 175N- 375N/150W-300E, 24 Mtr	Nil	Mining operations have been suspended for want of statutory clearances
b.Bench size(LxWxH)length can be defined as regular/irregular	: 6 mtr height 10 mtr width	Nil, No mining operation during the year	
d.Total area covered under excavation/pits		45.56 Ha	

C. Waste disposal (Rule 13)

b.Method of dumping whether advancing/retreat	: Advancing with 3 Nos. of terraces	Nil	
e.Yearly generation of waste quantity.	: 250572.000 CuM	Nil	
c.Total area covered under waste dump.	: 12.440 Ha	10.44 Ha	

D. Production

b.Year wise production of last five year.	:	2014-15- Nil	
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D. Reserve

a.Reserve position as per latest MP/MS and at the time of inspection.	:	Proved Reserves: 4420000 Tonnes Possible resources : 676000 Tonnes	
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RESERVE POSITION AS ON 01/04/2015

IRON ORE		
Category	Quantity in Tonnes	Grade
Proved	4420000	+58% Fe
Probable	0	
Possible	676000	+45-58% Fe
Total	5096000	

PRODUCTION FOR THE PREVIOUS YEAR 2014 - 2015

Mineral	Production	Unit
IRON ORE	0	TON

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

Number of benches in ore and waste.	: Deposit	OB	ORE
	Deposit II -	1 no.	4
	Deposit VII -	1 no.	4

Sub/grd mineral/fines (Rule16)

Number and size of each stack : Total Nos. of Stack- 8
 58-60Lumps=352.890,
 60-62Lumps=333.680,
 60-62Lumps=1200,
 62-65Lumps=4089.870, +65Lumps=118.460,
 58-60Fines=1857.710,
 60-62Fines=147884.090,
 62-65Fines=42570.740

Total area covered for stacking : 7.0 Ha

Separate stacking from waste : Yes

Location of stacking. : Central Stock Yard

Exploration data as on 31/03/ 2015

No. of Boreholes	No. of Pits	No. of Trenches
816		

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**

- a. Landscape. : Hilly Terrain and undulating ground.
- c. Soil and land use pattern : Lateritic soil,
Area under mining 45.56 Ha.
Overburden 10.44 Ha.
Sub grade Ore/Mineral Storage 7.00Ha
Infrastructure (Workshop, admin. Building etc):
2.000Ha,
Roads 6.000 Ha,
Safety Zone 20.010 Ha,
Mineral separation Plant 5.220 Ha,
Town ship area 11.250 Ha
- e. Forest(flora and fauna) : Flora-Sal, Kendu, Bara etc,
Fauna-Rabbit, Wild Pig

B Water environment.

- a. Surface water : Monitoring is not being carried out because mining operation is temporarily discontinued since 30.08.2010 vide DDM Joda letter no.48738
- c. Quality of water : Potable

C. Air environment

- c. Climatic condition : Sub-Tropical

D. Socio economic environment

- c. Human settlement : Revenue villages named Palsa(Ka), Palasa(Kha), Kundaposhi, Chadakmara, Joribar, Jaroli are within the lease area.
- d. Recreational facility. : Club, Canteen & Sport Material Provided for employees.

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.
Within lease area			Outside lease area			
Area	Trees planted	Survival rate	Area	Trees planted	Survival rate	
1.25	2000	37				

TOP SOIL MANAGEMENT

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.

2014-15

- (1) Cost of operation -Nil
- (2) Reserve -55.60 lakh MT as on 01.04.2015
- (3) Production -Nil
- (4) Pit's Mouth Value-- Nil
- (5) Stock-Mines head-
 - Lumps :58-60% Fe: 352.890, 60-62% Fe :333.680
 - Crusher head- 60-62% Fe :1200, 62-65% Fe: 4089.870, +65% Fe:118.460,
 - Fines : 58-60% Fe: 1857.710, 60-62% Fe:147884.090, 62-65% Fe:42570.740
 - Grand total=198407.440MT
- (6) Land use pattern (In Ha)-
 - Mining -45.56, OB-10.44,
 - Mineral stock-7.00
 - infrastructure-2.00,
 - Road-6.00,
 - S/Z area-20.01
 - mineral separation plant-5.22,
 - town ship area-11.25
 - Total :107.48 Ha.

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 :

(SHRI IBRAHIM SARIF)

Indian Bureau of Mines