

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

MCDR INSPECTION REPORT

Bhubaneshwar regional office

Mine file No : ORI/IRON/KJR/MCDR-21/BBS

Mine code : 30ORI08021

- (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 : 23/04/2015
- (v) Prev.inspection date : 30/05/2012

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **INGANIJHARAN**
- (b) Category : B Manual
- (c) Type of Working : Opencast
- (d) Postal address
- State : ORISSA
- District : KEONJHAR
- Village : INGANIJHARAN
- Taluka : BARBIL
- Post office : DADUAN
- Pin Code :
- FAX No. : 06766-255662
- E-mail :
- Phone : 06767-276114,06766-255662,(
- (e) Police Station :
- (f) First opening date : 01/01/1954
2. Address for : VILL-IGANIJHARAN
correspondance PO-DADUAN
DIST-KEONJHAR
3. (a) Lease Number : ORI0049
- (b) Lease area : 246.31
- (c) Period of lease : 20
- (d) Date of Expiry : 29/12/2000
4. Mineral worked : MANGANESE ORE Associated
IRON ORE Main

5. Name and Address of the

Lessee : M/S BHANJA MINERALS
 PARK ROAD KEONJHAR
 KEONJHAR ORISSA
 Phone:
 FAX :

Owner : M/S BHANJA MINERALS
 PARK ROAD KEONJHAR
 KEONJHAR ORISSA
 Phone:
 FAX :

Mining Engineer

Name : A. BARAT,Part Time
 Qualification : B.E. (MINING)
 Appointment/ : 01/08/2003
 Termination date

Mining Engineer

Name : A.K.PATRA,Full Time
 Qualification : A.M.I.E(MINING)
 Appointment/ : 04/11/1999
 Termination date

Geologist

Name : B.B.MOHANTY,Full Time
 Qualification : MASC (GEOLOGY)
 Appointment/ : 01/10/2003
 Termination date

6. Date of approval of Mining : 14/05/2013
 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	1	
Others	1	
Supervisory	1	

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.

There was no outstanding violations. During current inspection violation of rule 45(5)(a)(i), A(ii) and 45(5) (b)(i) and (b)(ii) of MCDR 1988 was pointed out to the party vide letter dated 04.11.2015. And was complied by 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.

5. Scientific Mining

Items	Proposal	Actual work done	Remarks
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B. Working (Rule 13)

b.Bench size(LxWxH)length can be defined as regular/irregular	: Height 6 mtrs Width 10 mtrs	Nil	Mining operation suspended since 2013 for want of statutory clearance.
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D. Reserve

a.Reserve position as : per latest MP/MS and at the time of inspection.	Iron Ore: Proved :111: 3179779 MT Probable : 121 & 122 :8213625 MT Possible : 221 & 222 : 1165710 MT Manganese Ore Proved :111: 351999.61 MT Probable : 121 & 122 : 900022 MT Possible : 221 & 222 : 50443 MT
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RESERVE POSITION AS ON 01/04/2015

IRON ORE		
Category	Quantity in Tonnes	Grade
Proved	3179779	+58% Fe
Probable	8213625	+58% Fe
Possible	1165710	+58% Fe
Total	12559114	

MANGANESE ORE		
Category	Quantity in Tonnes	Grade
Proved	351999	46 to 48%Mn
Probable	900022	46 to 48%Mn
Possible	50443	46 to 48%Mn
Total	1302464	

PRODUCTION FOR THE PREVIOUS YEAR 2014 - 2015

Mineral	Production	Unit
IRON ORE	0	TON
MANGANESE ORE	0	TON

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

Number of benches in ore and waste. : Iron Ore
Ore- 7 nos.
Waste 2 Nos

Iron Ore
Ore- 3 nos.
Waste 3 Nos

Sub/grd mineral/fines (Rule16)

Qty of yearly generation and total qty available during inspection with grade : Generation - Nil
Quantity available at mines:
Iron Ore: 1,37,155 MT
Manganese Ore : 5001.442 MT

Exploration data as on 31/03/ 2015

No. of Boreholes

No. of Pits

No. of Trenches

OVERBURDEN HANDLED DURING PREVIOUS YEAR 2014 - 2015**Utilisation of Sub Grade Mineral and Mineral Rejects**GeneratedUtilisedStacked

(In Ton.)

7. Environment Management - both quantitative and qualitativ

A. Land environment

c. Soil and land use pattern : Land use pattern (in Ha)-
 Mining -11.544
 Waste Disposal -6.249
 infrastructure-5.961,
 Others-9.512

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.
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<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.

(1) Cost of operation -Nil

(2) Reserve -

(3) Production -Nil

(4) Pit's Mouth Value--

(5) Stock-Mines

Iron Ore : 1,33,155 MT

Manganese : 5001.42 MT

(6) Land use pattern (in Ha)-

Mining -11.544

Waste Disposal -6.249

infrastructure-5.961,

Others-9.512

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