

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

MCDR INSPECTION REPORT

Bhubaneshwar regional office

Mine file No : ORI/MN/KJR/MCDR-44/BBS

Mine code : 40ORI08052

- (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 : 20/09/2014
- (v) Prev.inspection date : 15/07/2011

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **KATASAH**
- (b) Category : B Manual
- (c) Type of Working : Opencast
- (d) Postal address
State : ORISSA
District : KEONJHAR
Village : KATASAH
Taluka : CHAMPUA
Post office : CHORMALDA
Pin Code : 758034
FAX No. :
E-mail :
Phone : 06767-27699
- (e) Police Station :
- (f) First opening date : 21/05/2001
2. Address for : VILLAGE KATASAH, KEONJHAR DISTRICT
correspondance OEISSA
3. (a) Lease Number : ORI0663
(b) Lease area : 13.67
(c) Period of lease : 20
(d) Date of Expiry : 31/07/2018
4. Mineral worked : MANGANESE ORE Main

5. Name and Address of the

Lessee : M/s FACOR
P.O. Kaliapani via J. K.
Road CUTTACK ORISSA
Phone:
FAX :

Owner : M/S.FACOR
BHANDARA MAHARASHTRA
Phone: 07183-20233
FAX : 07183-20271

Mining Engineer

Name : A.K.SINGH, Full Time
Qualification : B.E MINING
Appointment/ : 20/06/0001
Termination date

Geologist

Name : M.V.RAO, Full Time
Qualification : MSC GEOLOGY
Appointment/ : 01/06/2001
Termination date

6. Date of approval of Mining : 11/04/2011
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
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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.

NO OUTSTANDING VIOLATION OF RULES.

PRESENTLY MINING OPERATION IS UNDER SUSPENSION SINCE 01.04.2011 BY DDM JODA DUE TO WANT OF E C ETC.

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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D. Production

b. Year wise : NO PRODUCTION SINCE
production of last 01.04.2011 AS THE MINING
five year. OPERATION HAS BEEN
SUSPENDED BY DDM, JODA W
E F 01.04.2011 DUE TO
WANT OF E C ETC

D. Reserve

a. Reserve position as : PROVED (111) : 138700 PRESENTLY MINE
per latest MP/MS and TONNES, IS NON-WORKING
at the time of PROBABLE (121) : 168400 SINCE
inspection. TONNES AS PER LATEST 01.04.2011
SCHEME OF MINING
APPROVED ON 11.04.2011.

RESERVE POSITION AS ON 01/04/2014

MANGANESE ORE		
Category	Quantity in Tonnes	Grade
Proved	138700	AS PER UNFC 111
Probable	168400	AS PER UNFC 121
Possible		
Total	307100	

PRODUCTION FOR THE PREVIOUS YEAR 2013 - 2014

Mineral	Production	Unit
MANGANESE ORE	0	TON

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

Number of benches in ore and waste. : QUARRY 1
 NUMBER OF BENCHES IN ORE : 3
 NUMBER OF BENCHES IN WASTE : 3
 QUARRY 2
 NUMBER OF BENCHES IN ORE ; 3
 NUMBER OF BENCHES IN WASTE : 4

Sub/grd mineral/fines (Rule16)

Total area covered for stacking : 0.197 HAQ.

Separate stacking from waste : SOUTH - EASTERN SIDE OF THE PIT OF BLOCK -B AND
 EASTERN SIDE OF DUMP OF BLOCK A

Exploration data as on 31/03/ 2014

No. of Boreholes	No. of Pits	No. of Trenches
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OVERBURDEN HANDLED DURING PREVIOUS YEAR 2013 - 2014**Utilisation of Sub Grade Mineral and Mineral Rejects**

Generated	Utilised	Stacked	(In Ton.)
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7. Environment Management - both quantitative and qualitativ

A. Land environment

- a. Landscape. : THE LEASE AREA IS BARREN UNDULATORY TOPOGRAPHY WITH A HILLOCK LOCATED TO THE WESTERN PORTION OF THE LEASE HOLD.
- e. Forest(flora and fauna) : ENTIRE LEASE AREA IS NON-FOREST. THERE IS NO PROMINANT VEGETATION COVER EXIST IN THE LEASE AREA.

B Water environment.

- a. Surface water : THERE IS NO SURFACE WATER BODIES INSIDE THE LEASE HOLD AREA BUT THERE IS A PERENNIAL NALLAH KNOWN AS SUNA NALA FLOWING FROM WEST TO EAST IN THE NEIGHBOURHOOD OF THE LEASE.
- b. Ground water : MINE WORKINGS HAVE NOT REACHED UPTO GROUND WATER TABLE.
- c. Quality of water : PORTABLE.

C. Air environment

- c. Climatic condition : MAXIMUM TEMPERATURE 45 DEGREE C IN SUMMER AND 05 DEGREE C IN WINTER SEASON. AVERAGE RAINFALL IS 145 MM.

D. Socio economic environment

- c. Human settlement : DENSITY OF POPULATION IS LOW.

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.

<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 HAS BEEN RECEIVED AND SCRUTINISED.

PRODUCTION : NIL

COST OF OPERATION NIL

PIT MOUTH VALUE : NIL

STOCK : 9151.448 TONNES

FIXED ASSETS : Rs.97,22,64,000 / -

PRESENTLY MINING OPERATION IS UNDER SUSPENSION SINCE 01.04.2011 BY DDM JODA.

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.

DATE GRANT OF MINING LEASE : 01.08.1998 FOR 20 YEARS OVER AN AREA 13.674 HA FULLY NON-FOREST. DATE OF EXPIRY : 31.07.2018.

SCHEME OF MINING APPROVED ON 11.04.2011 FOR THE PERIOD 2011-12 TO 2015-16.

SINCE THE AREA IS FULLY NON-FOREST, FOREST CLEARANCE NOT REQUIRED.

ENVIRONMENTAL CLEARANCE NOT OBTAINED

CONSENT TO OPERATE BY OSPCB WAS VALID UPTO 31.03.2011.

MINING OPERATION HAS BEEN SUSPENDED BY DDM, JODA W E F 01.04.2011 DUE TO WANT OF E C ETC.

DGPS MAP HAS NOT BEEN PREPARED BY OSAC / NOT SHOWN ON THE DATE OF INSPECTION.

BOUNDARY PILLARS HAVE NOT BEEN CONSTRUCTED AND MAINTAINED AS PER CCOM CIRCULAR NO 2/2010 AND ITS SUBSEQUENT ADDENDUM.

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

MINING OPERATION IS UNDER SUSPENSION SINCE 01.04.2011 BY DDM, JODA

NO VIOLATION WAS POINTED OUT

PARTY WAS ADVISED TO CONSTRUCT AND MAINTAIN BOUNDARY PILLARS AS PER CCOM CIRCULAR NO 2/2010 AND ITS ADDENDUM.

d. Whether the mine owner has carried out exploration and exploitation on the basis on surface mapping, pitting, trenching and core drilling taking in to consideration the mode of occurrences of mineral deposit.

OUT OF TOTAL LEASE AREA 13.674 HA, THE LESSEE HAS EXPLORED 10.939 HA AS G1 LEVEL, 2.735 HA AS G2 LEVEL AS PER UNFC NORMS.

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 MINING LEASE AS PER CCOM CIRCULAR NO 2/2010 AND ITS ADDENDUM

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

Date :

(NARENDRA MOHAN DEY)

Indian Bureau of Mines